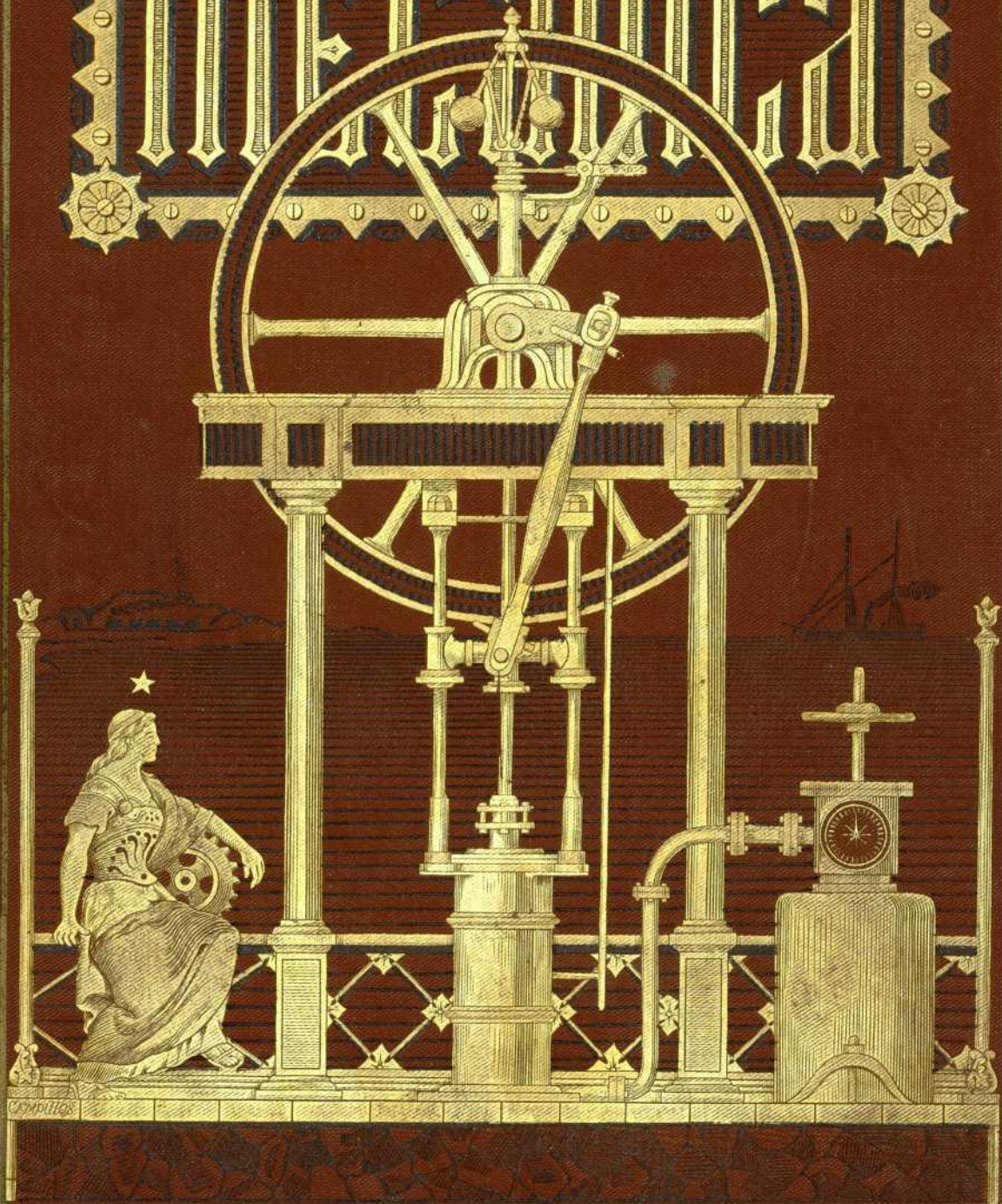
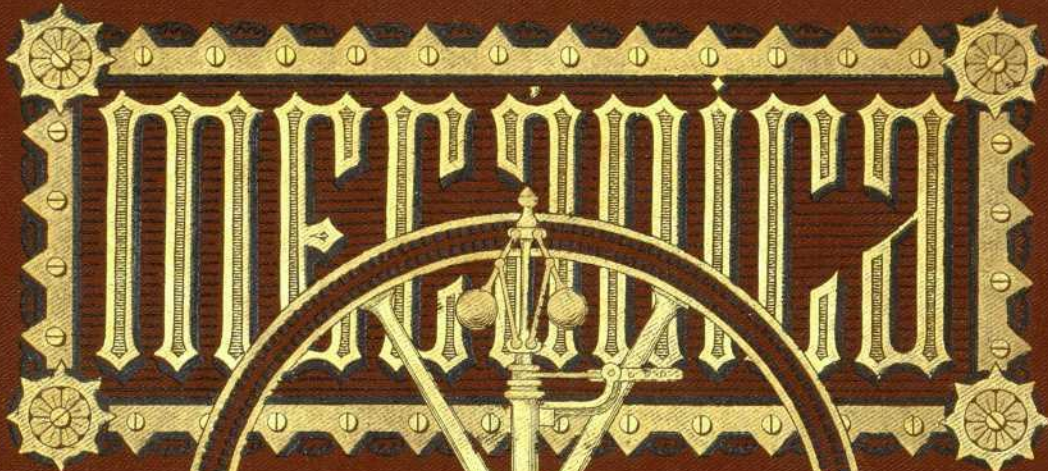


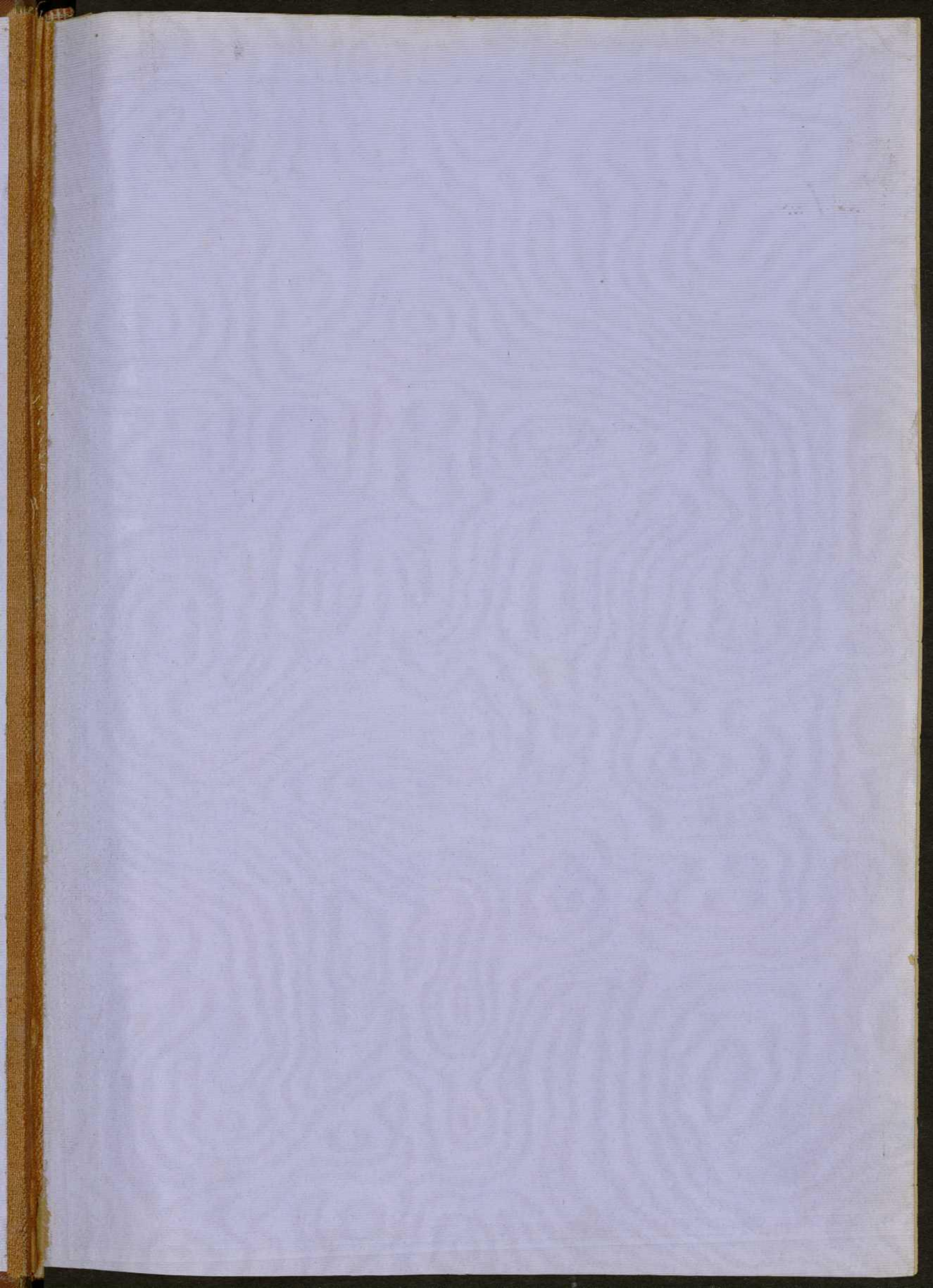
F. REULEAUX



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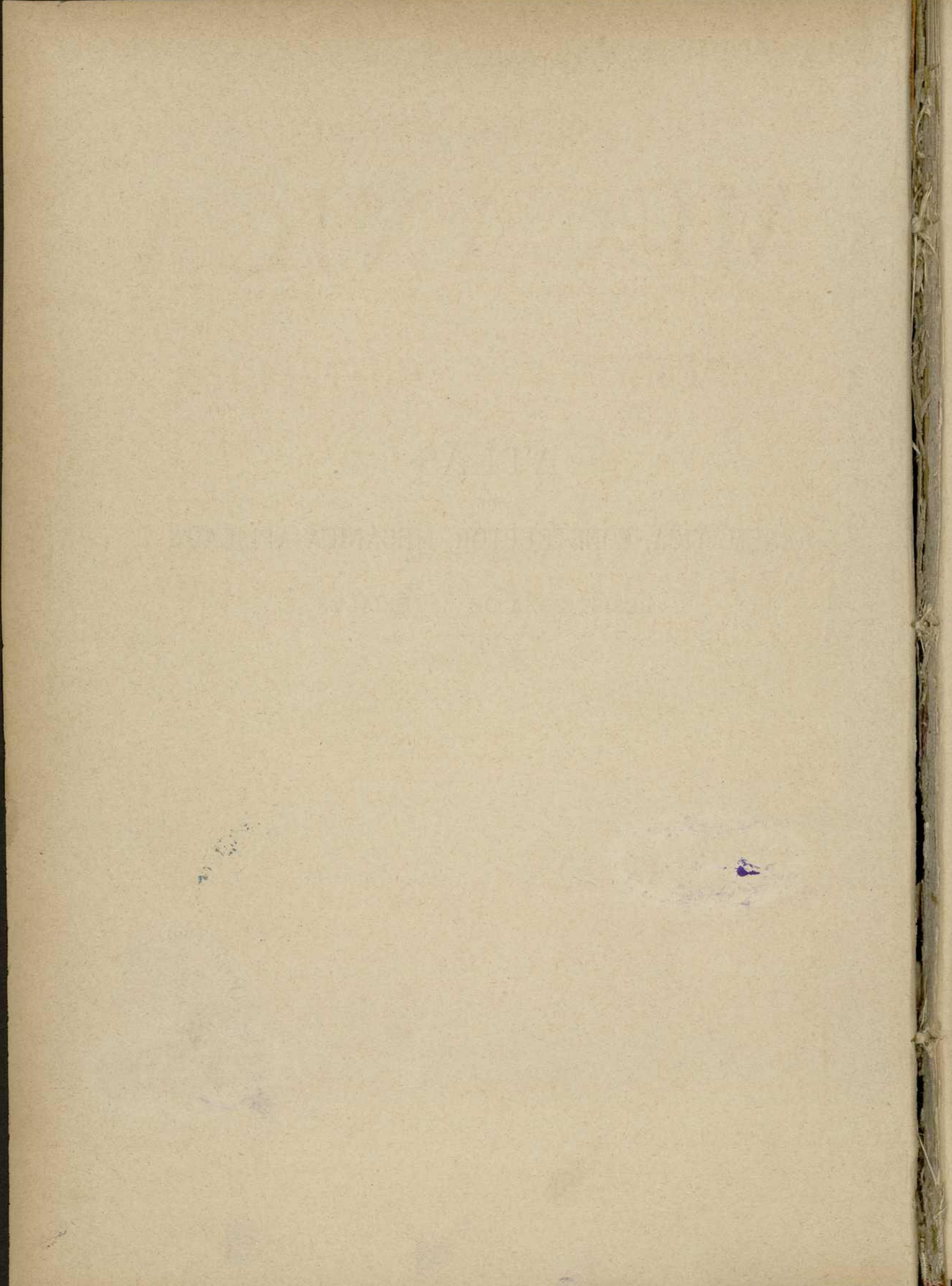
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ATLAS
DE
CINEMÁTICA, CONSTRUCTOR, MECÁNICA APLICADA
Y
RESISTENCIA DE MATERIALES





24

TRATADO GENERAL
DE
MECÁNICA

PARA USO DE INGENIEROS, CONSTRUCTORES, MAQUINISTAS, ARQUITECTOS, & &

COMPRENDE LAS OBRAS
CINEMÁTICA Y CONSTRUCTOR
DE
V. F. REULEAUX

CATEDRÁTICO DE LA ESCUELA POLITÉCNICA Y DIRECTOR
DE LA ACADEMIA INDUSTRIAL DE BERLIN, COMISIONADO IMPERIAL EN LAS EXPOSICIONES INTERNACIONALES DE
SYDNEY, MELBURNA, FILADELFIA & &

TRADUCCION DE LAS ÚLTIMAS EDICIONES ALEMANAS
AUMENTADA CON LA
MECÁNICA PRÁCTICA Y APLICADA

MÁS MODERNA Y UNIVERSALMENTE ADOPTADA EN LAS NACIONES INDUSTRIALES

PUBLICADA BAJO LA DIRECCION DE

D. FRANCISCO NACENTE Y SOLER

AUTOR DE VARIAS OBRAS CIENTÍFICAS, EX-PRESIDENTE DEL «CENTRO INDUSTRIAL DE CATALUÑA», PRESIDENTE
HONORARIO DEL «FOMENTO INDUSTRIAL» DE BARCELONA

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en unas 800 láminas grabadas
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1887



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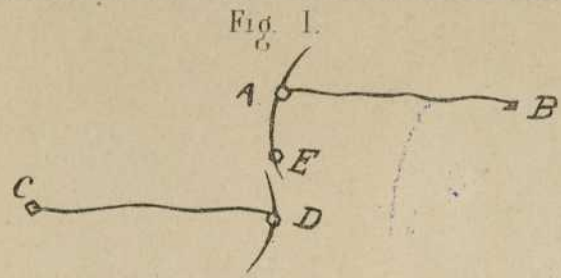


Fig 4

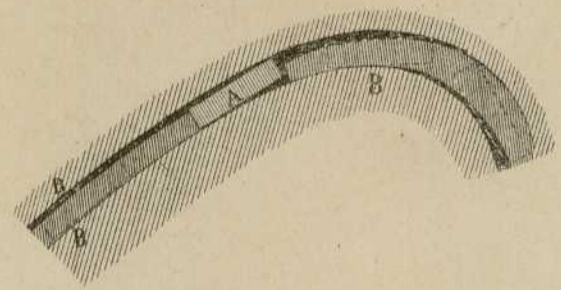


Fig 8

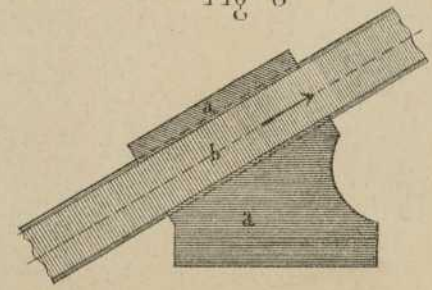


Fig 7

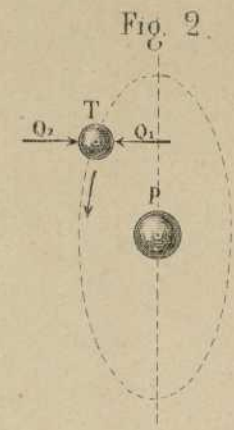
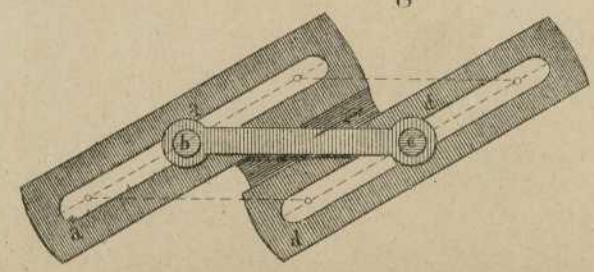


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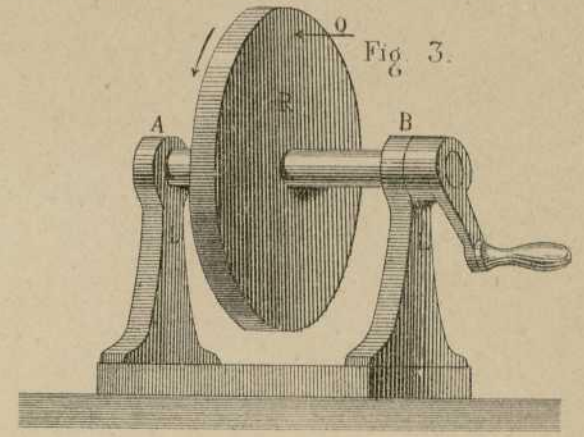


Fig. 3.

Fig 5

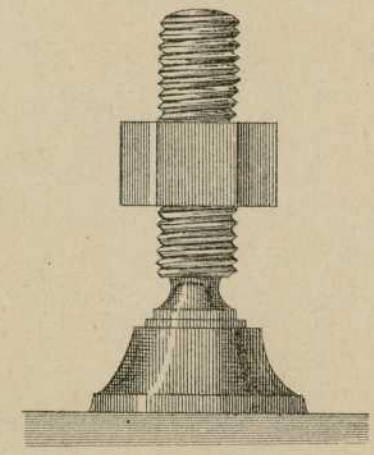


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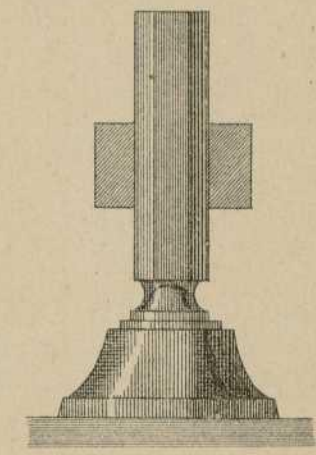


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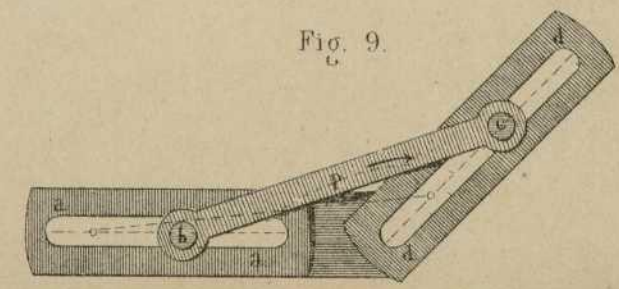


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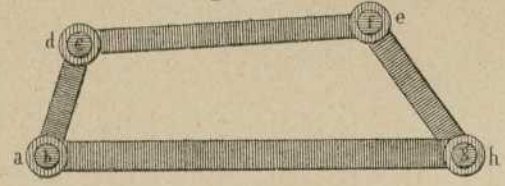


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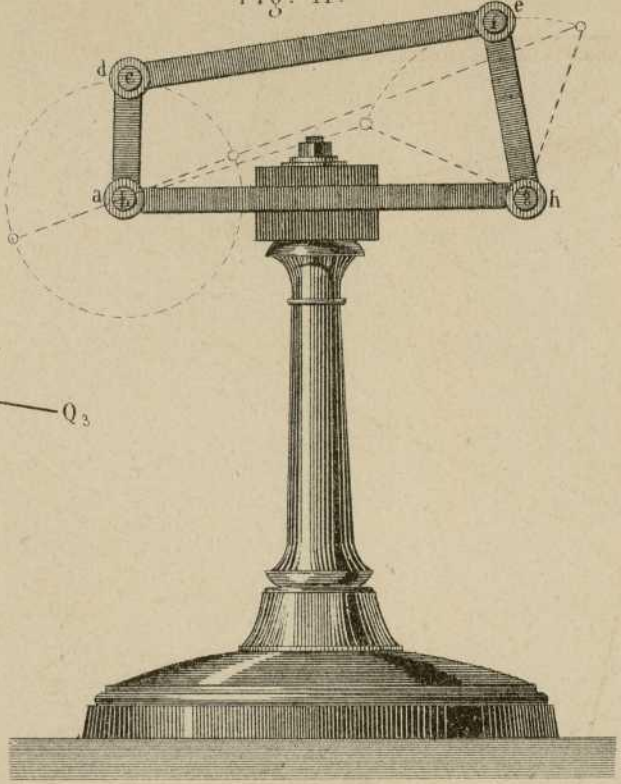


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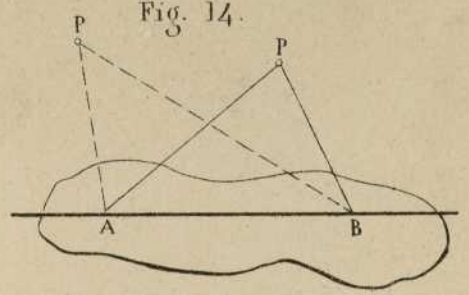


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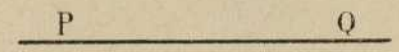


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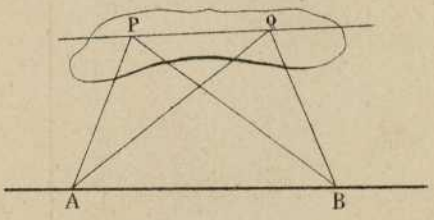


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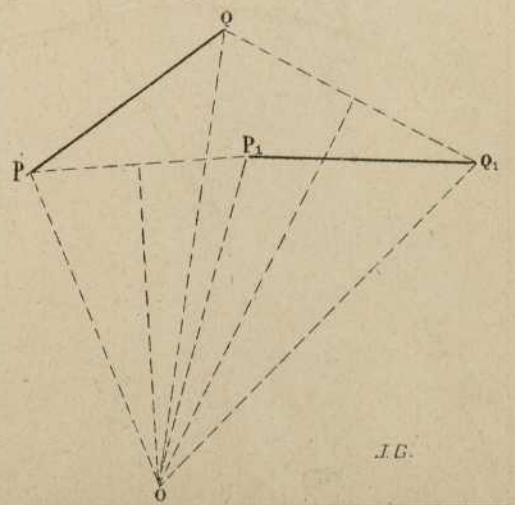


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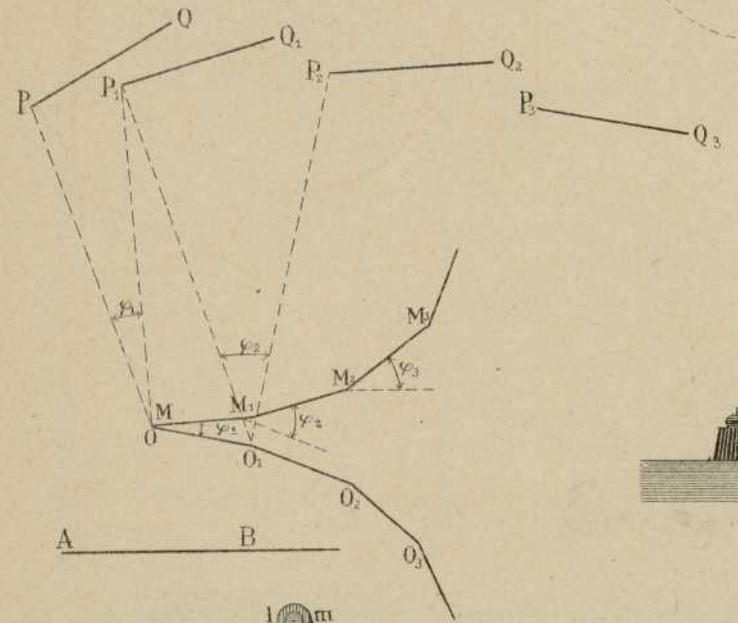


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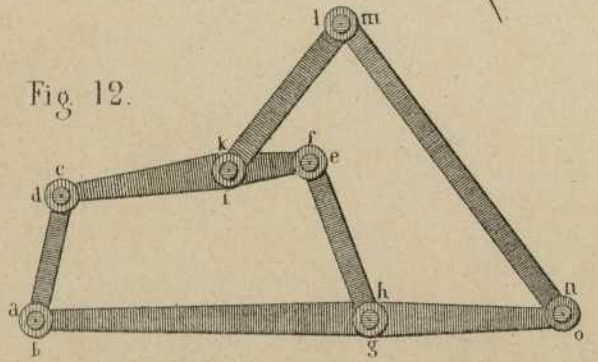
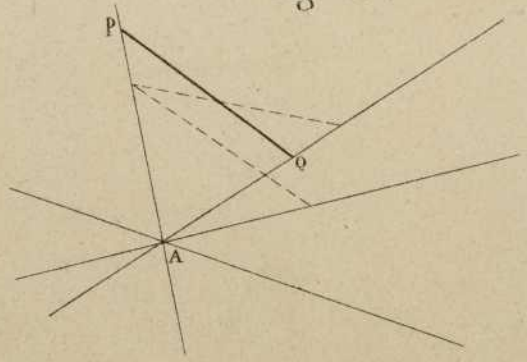


Fig. 16.



J.E.

Fig. 19.

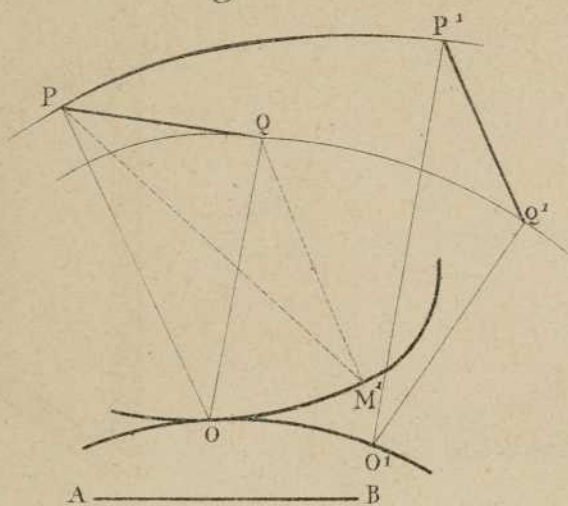


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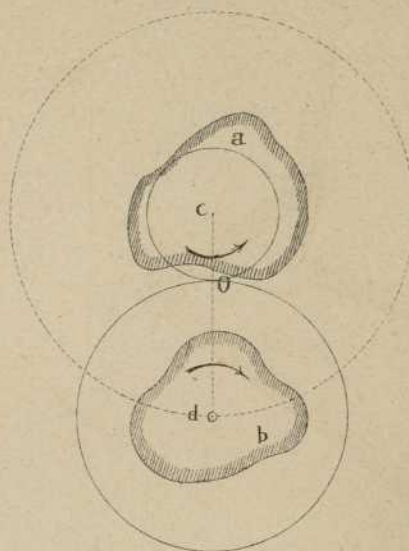
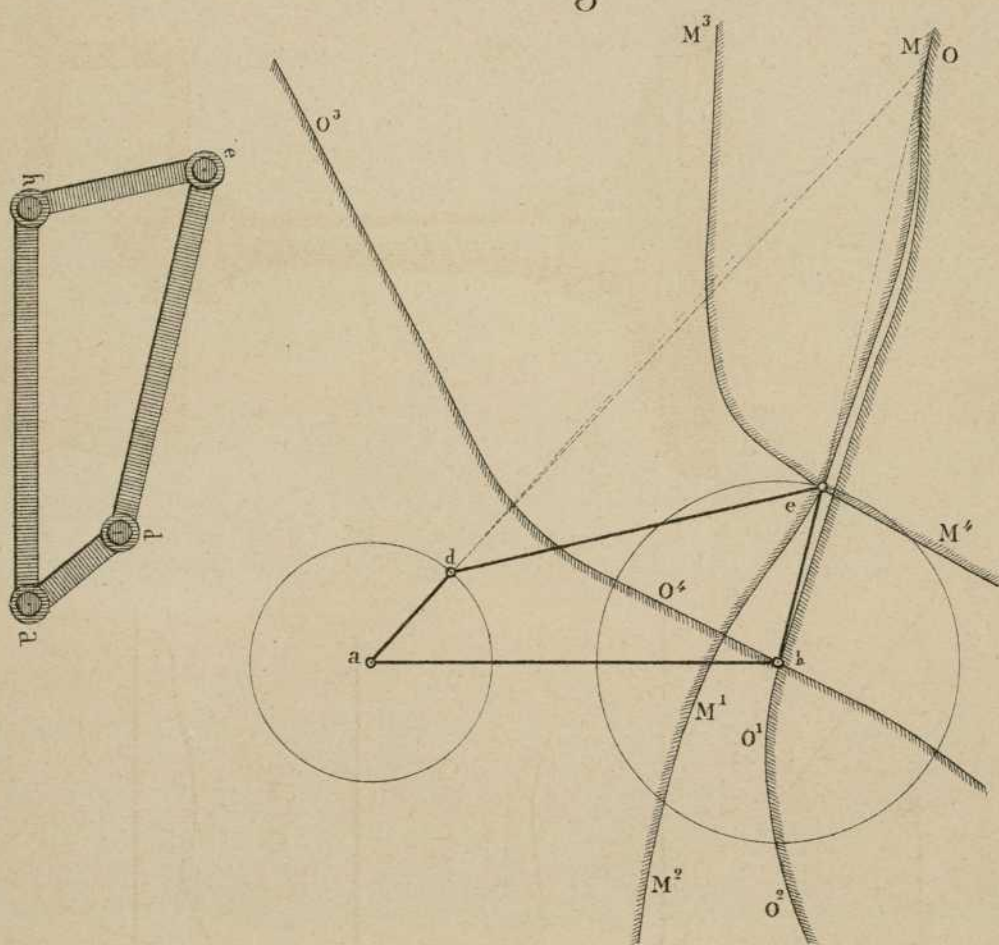


Fig. 20.



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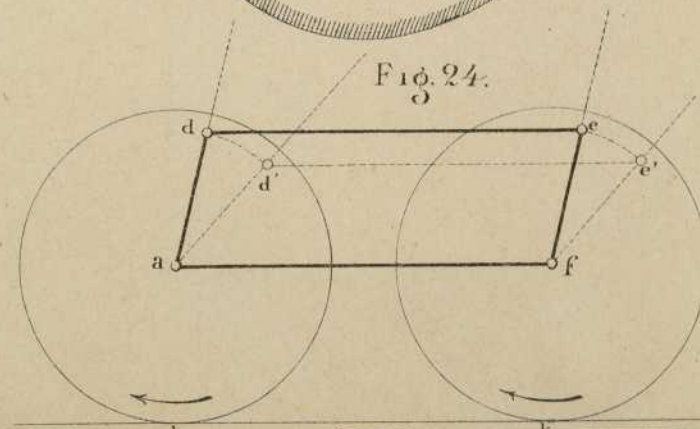
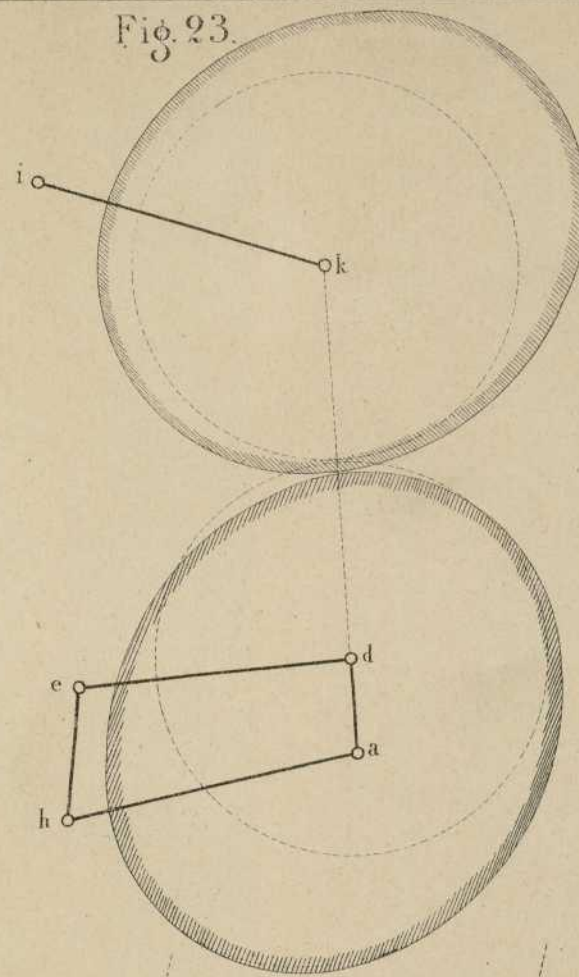
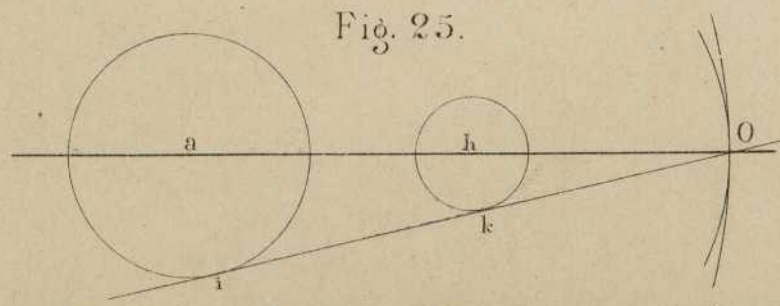
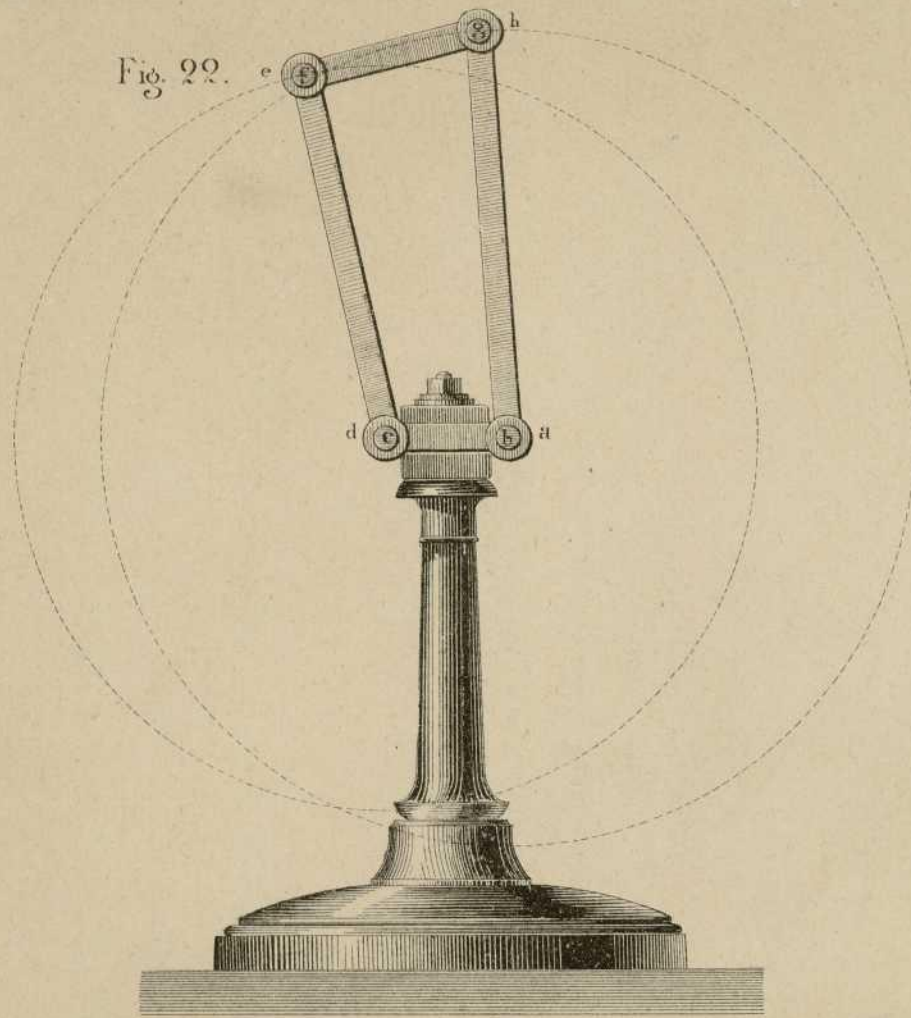


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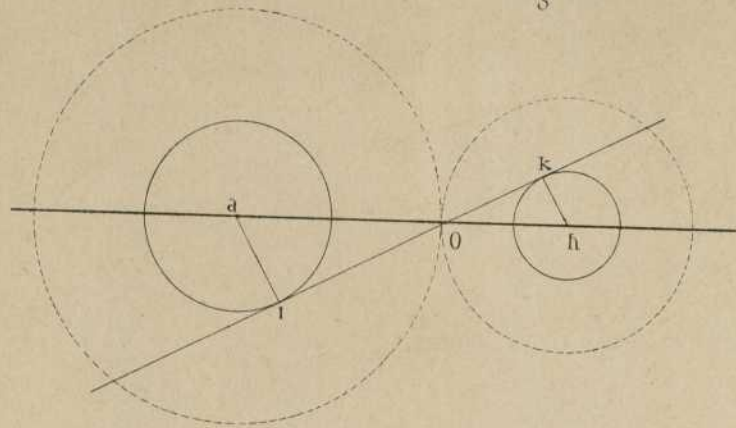


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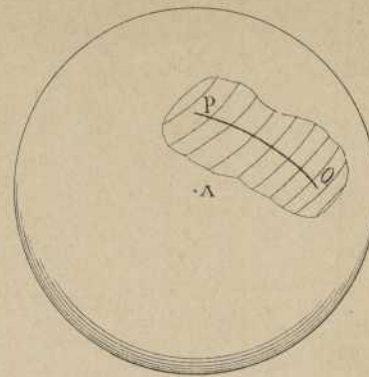


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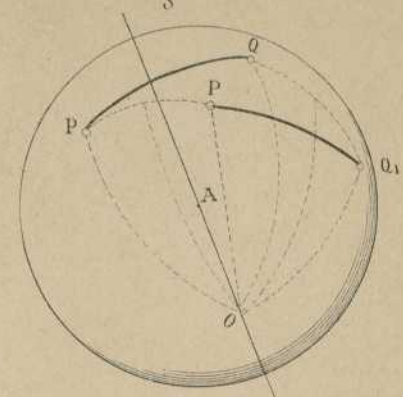
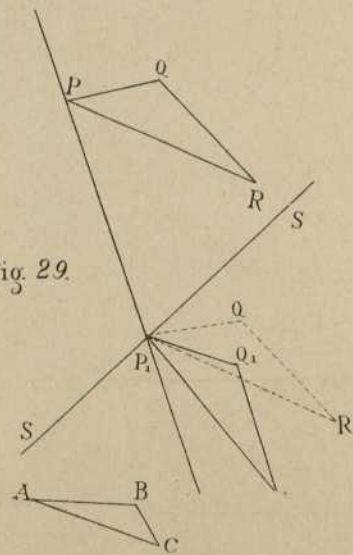


Fig. 29.



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Fig. 30.

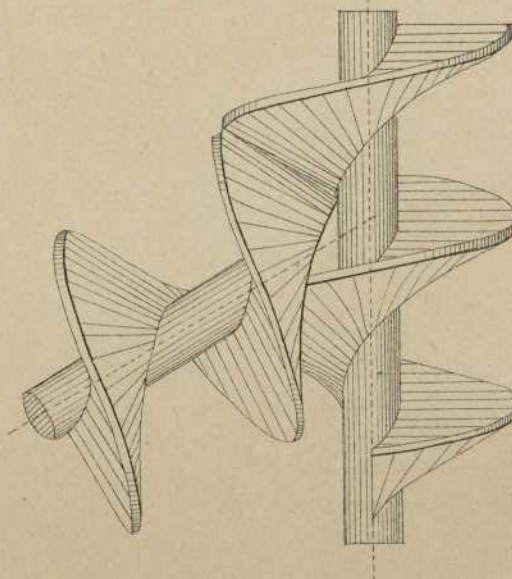


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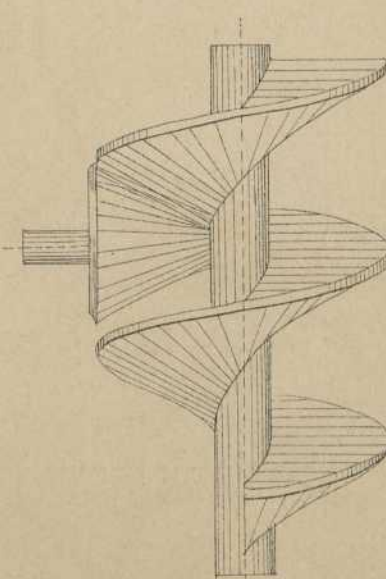


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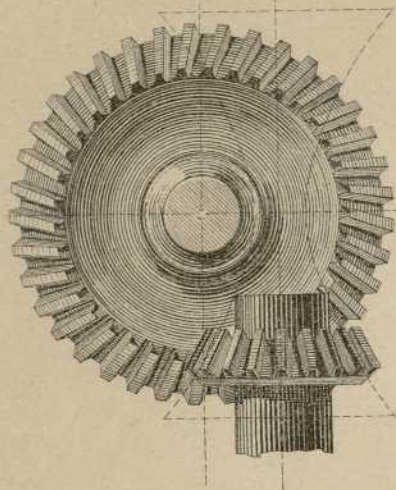


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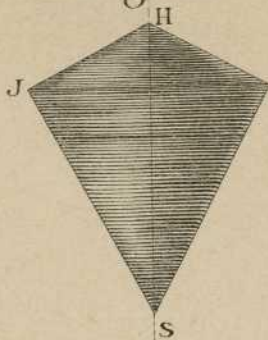


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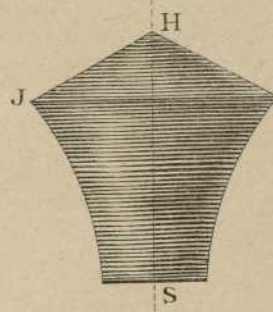


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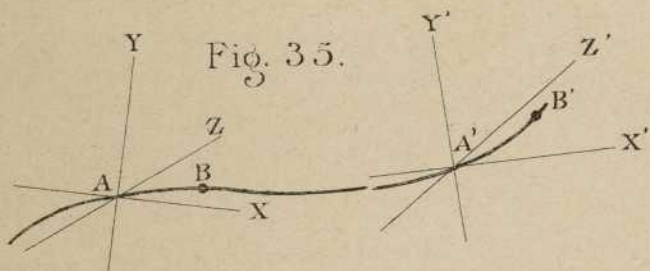


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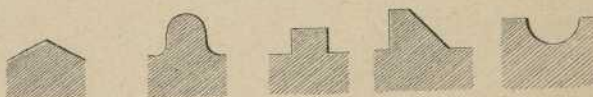


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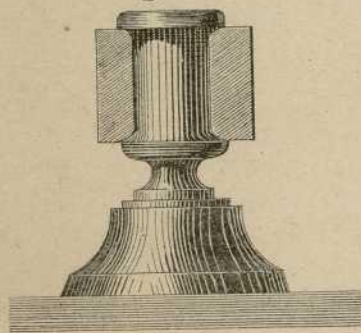


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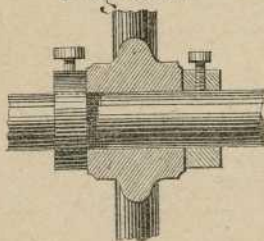


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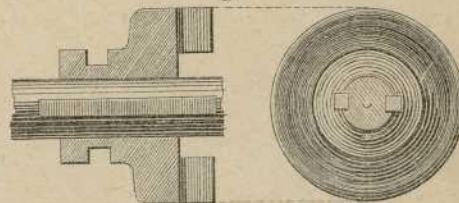


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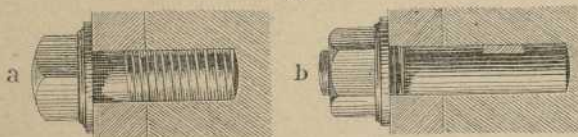


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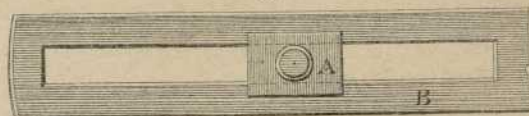


Fig. 42.



Fig. 43.

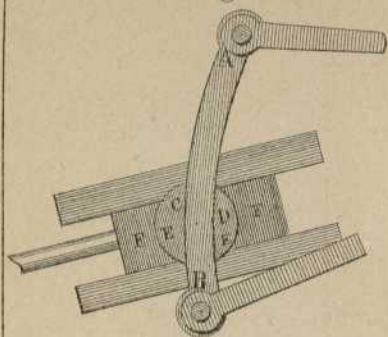


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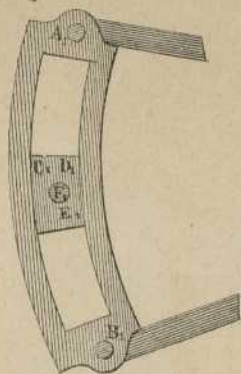


Fig. 45.



Fig. 46.

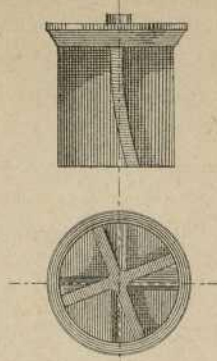


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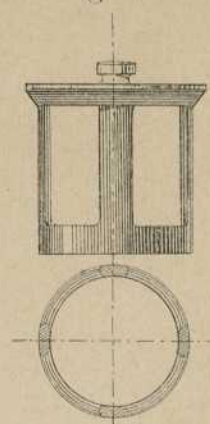


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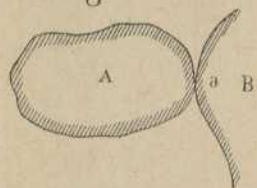


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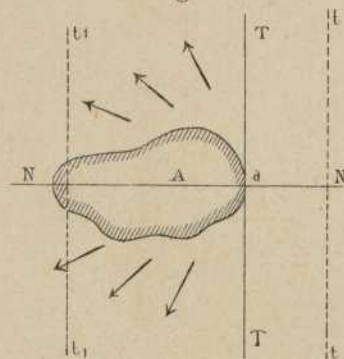


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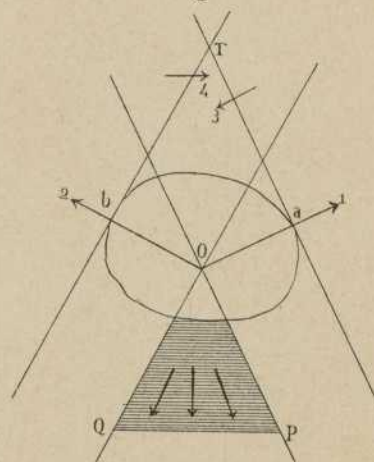


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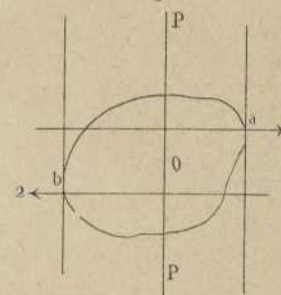


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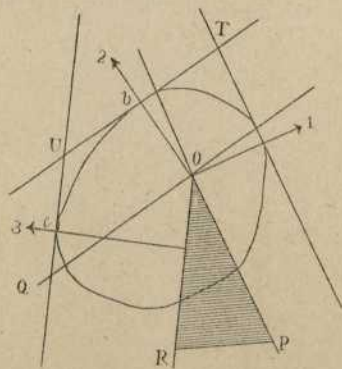


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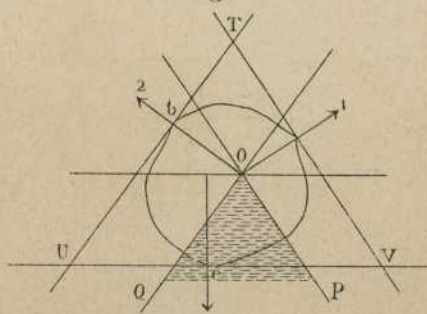


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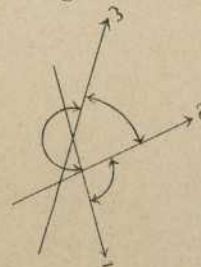


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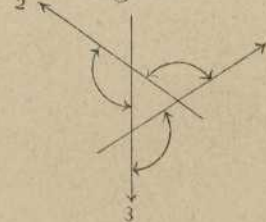


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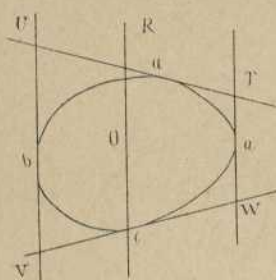


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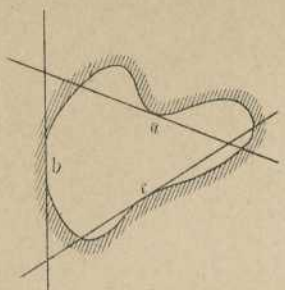


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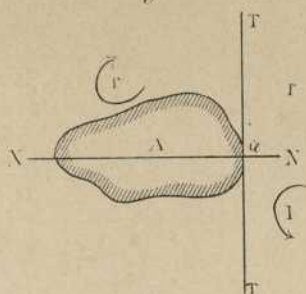


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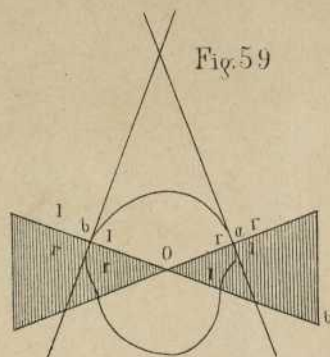


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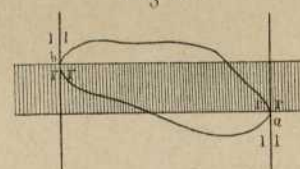


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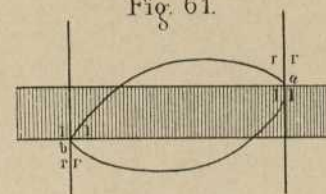


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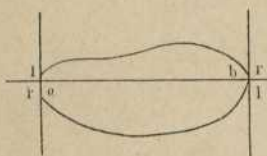


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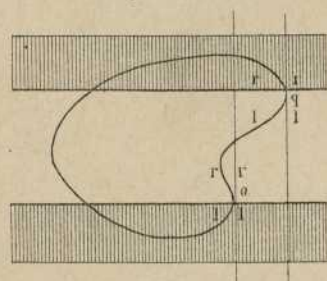


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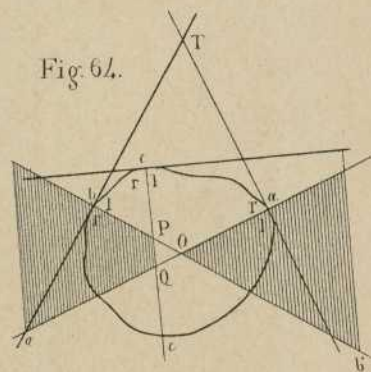


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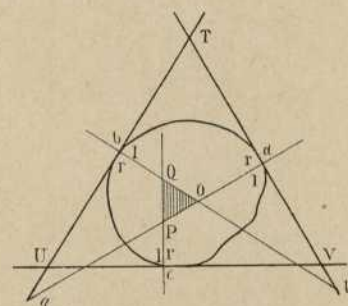


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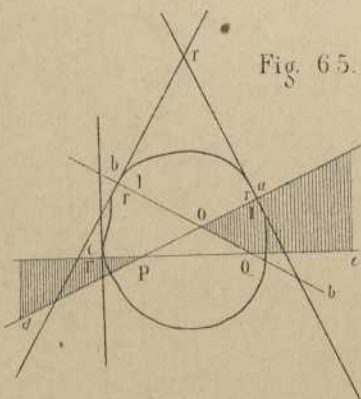


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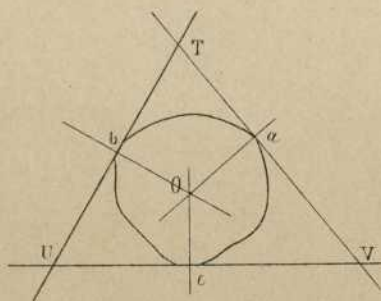


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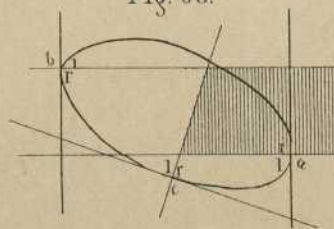
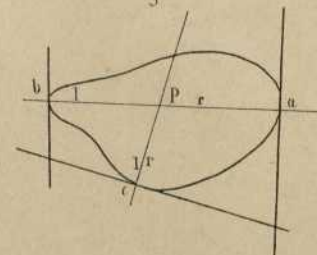


Fig. 69.



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Fig. 70.

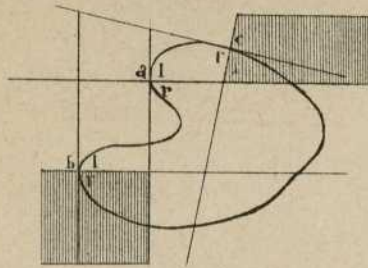


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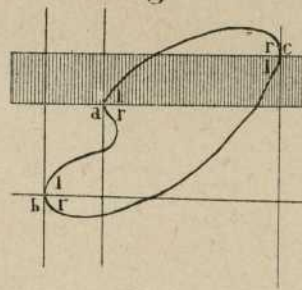


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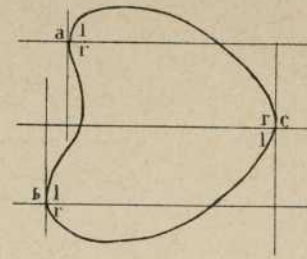


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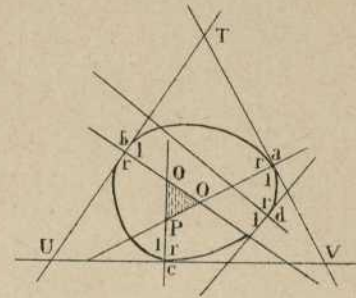


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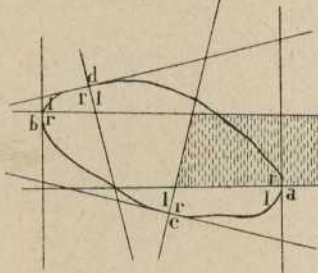


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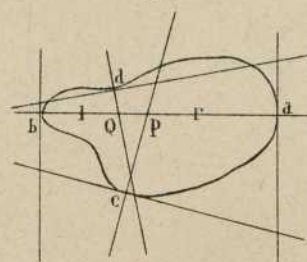


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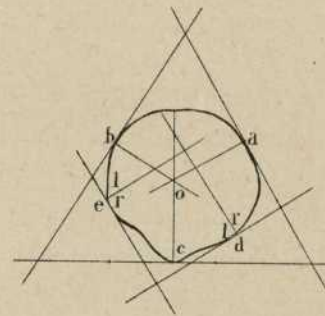


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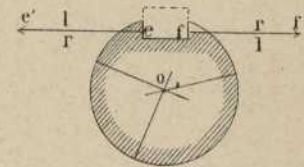


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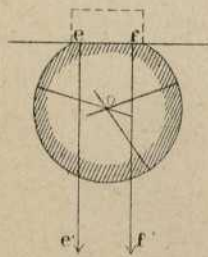


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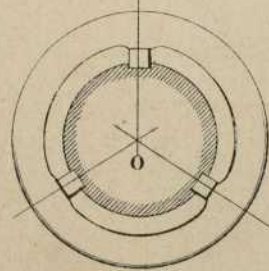


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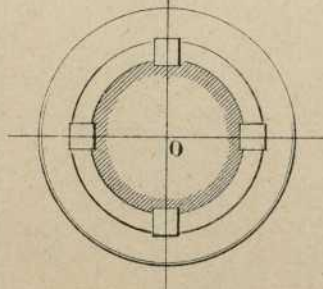


Fig. 81.

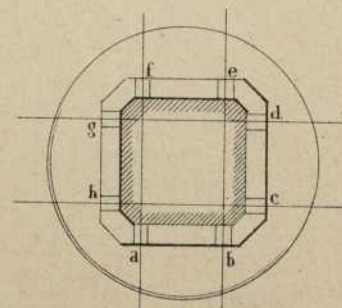
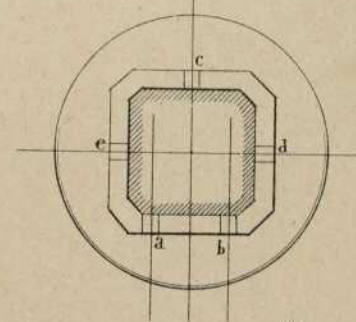


Fig. 82.



J.E.

Fig. 83.



Fig. 84.

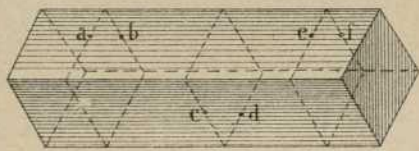


Fig. 85.

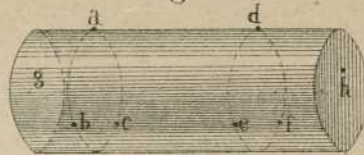


Fig. 86.



Fig. 87.

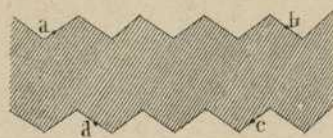


Fig. 88.

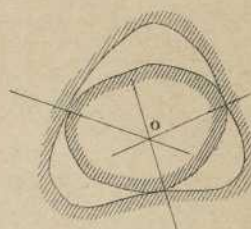


Fig. 89.

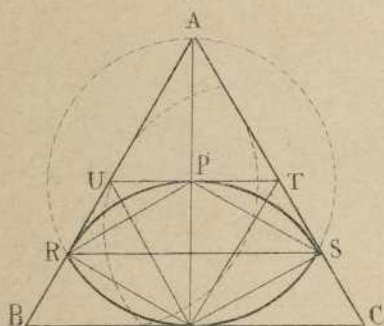


Fig. 90.

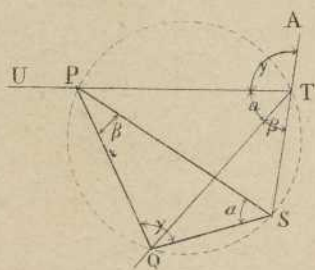


Fig. 91.

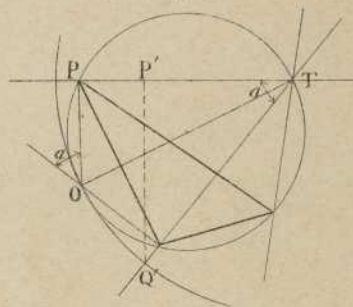


Fig. 92.

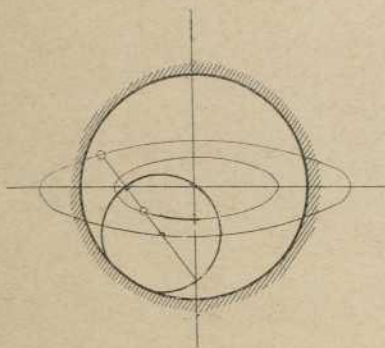


Fig. 93.

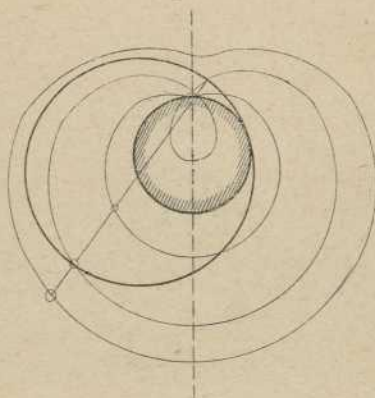
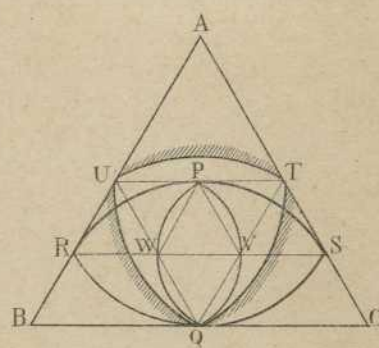


Fig. 94.



J. G.

Fig. 99.

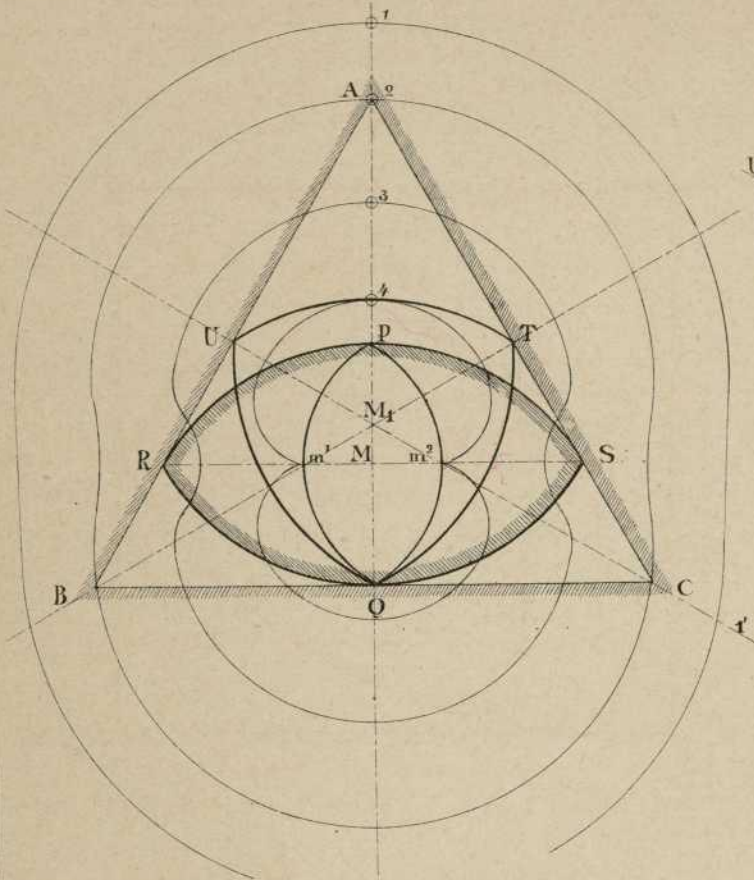


Fig. 100.

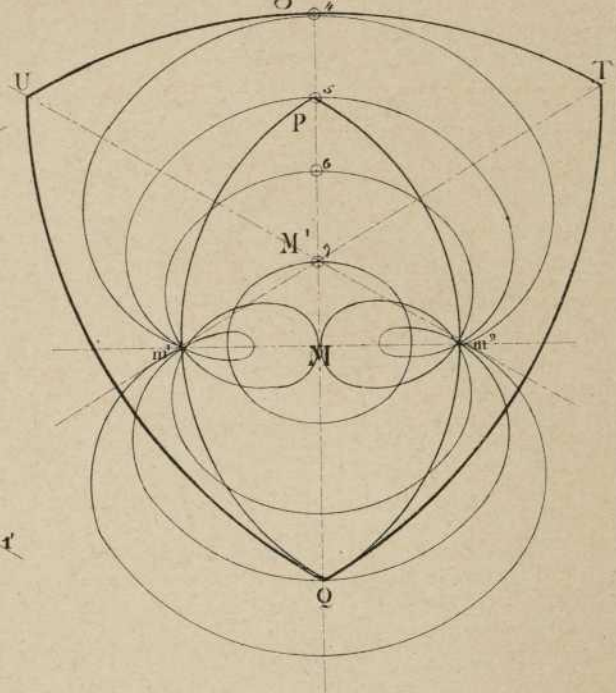
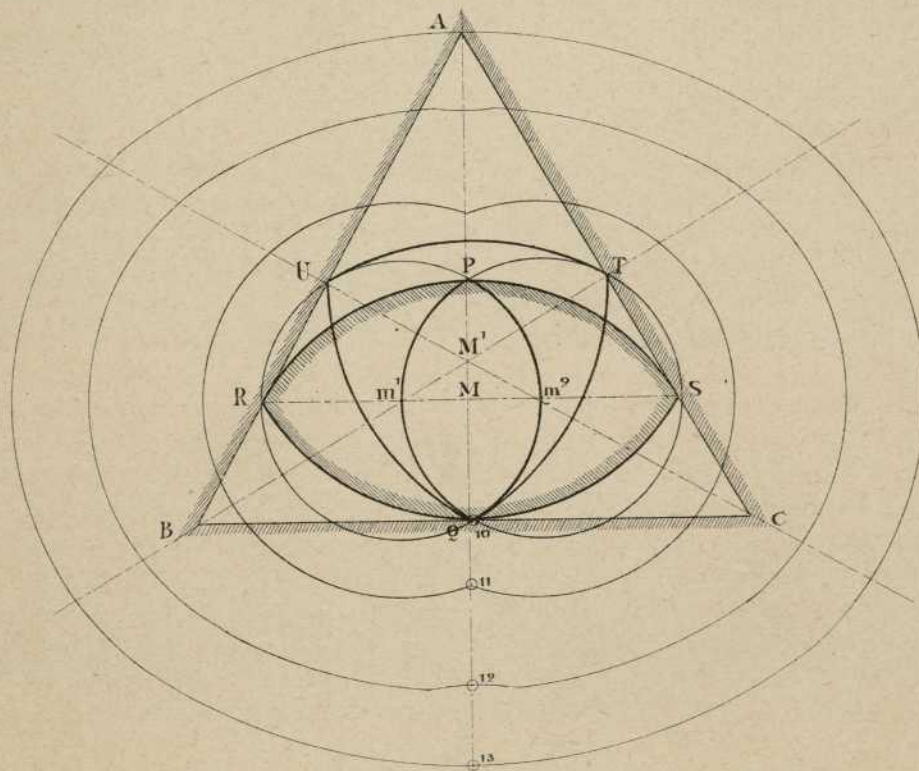


Fig. 101.



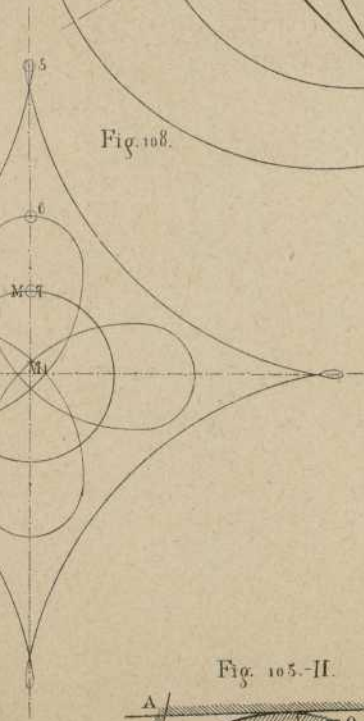
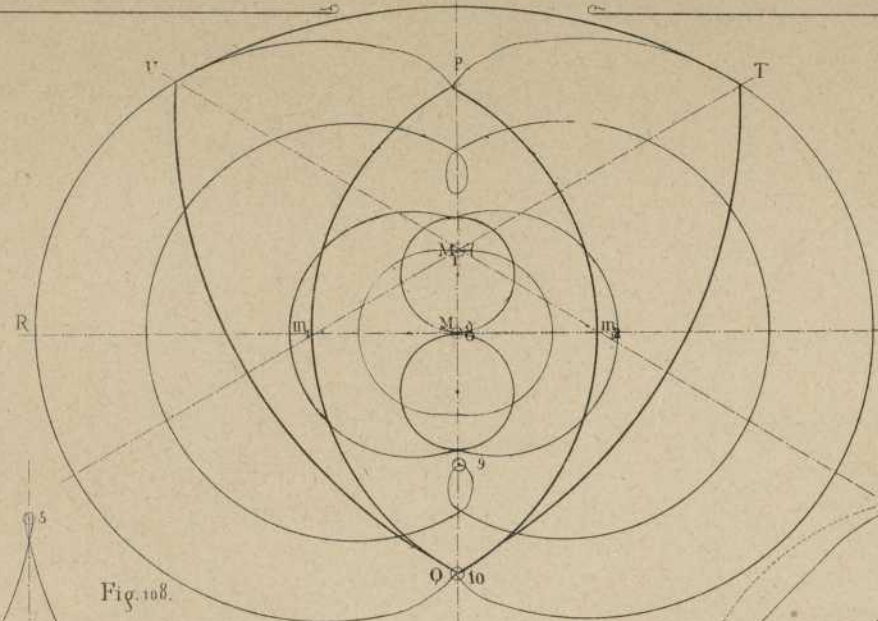
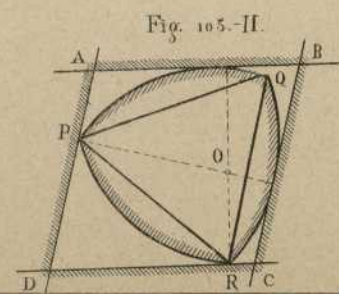
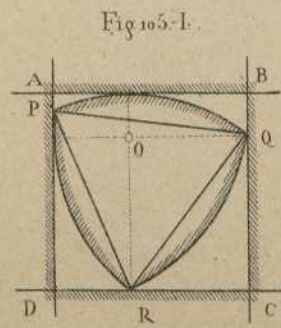
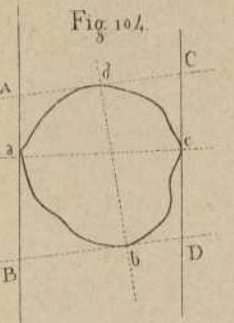
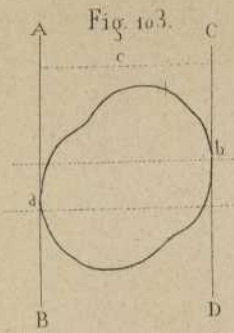


Fig. 102.

Fig. 108.

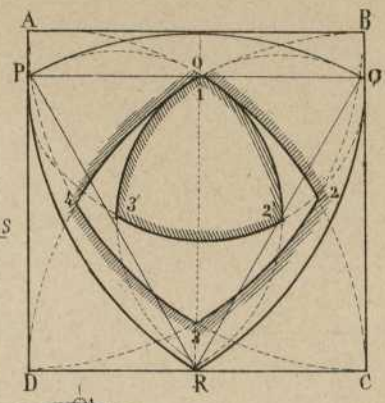


Fig. 106.

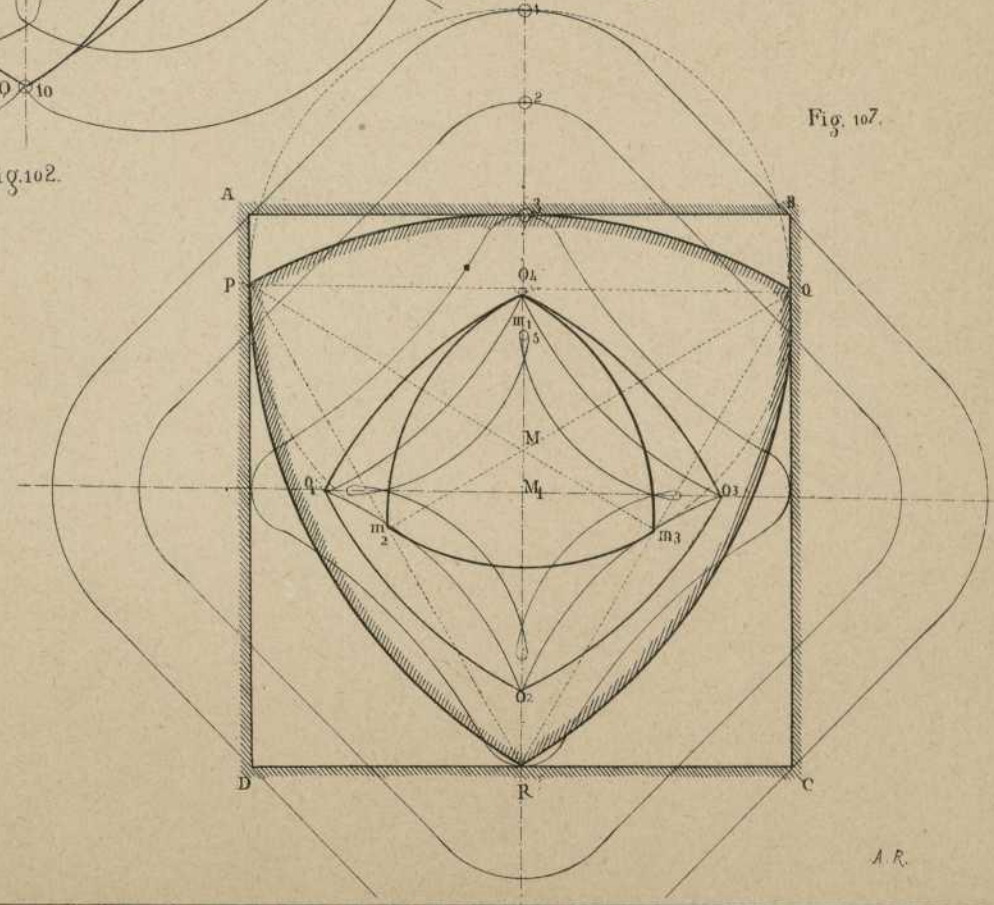


Fig. 107.

A. R.

Fig. 109

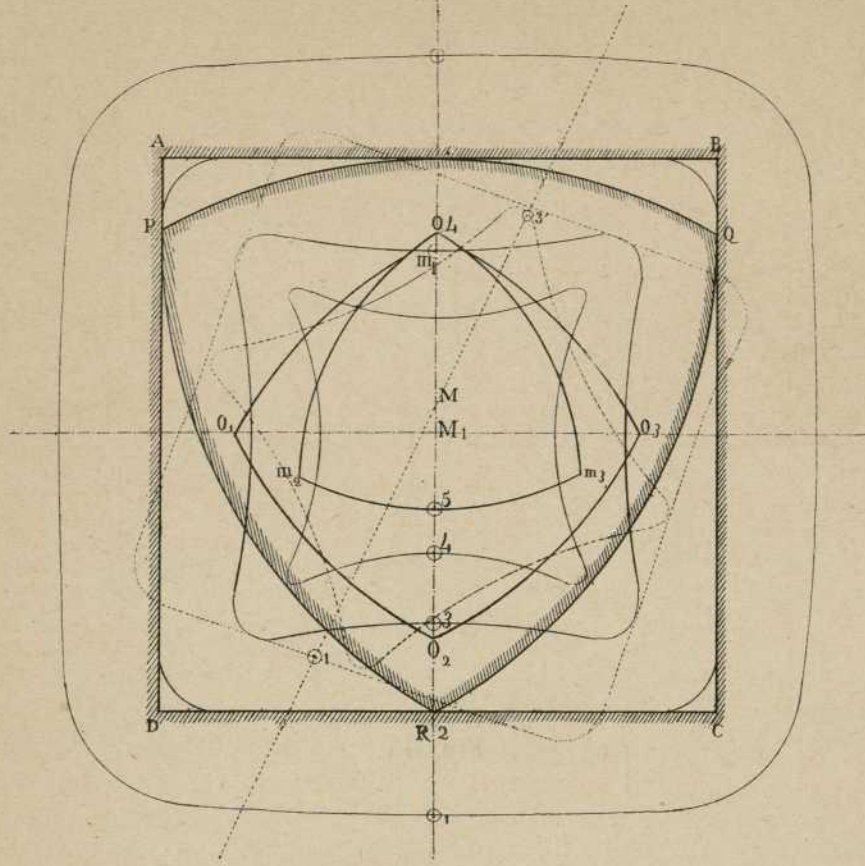
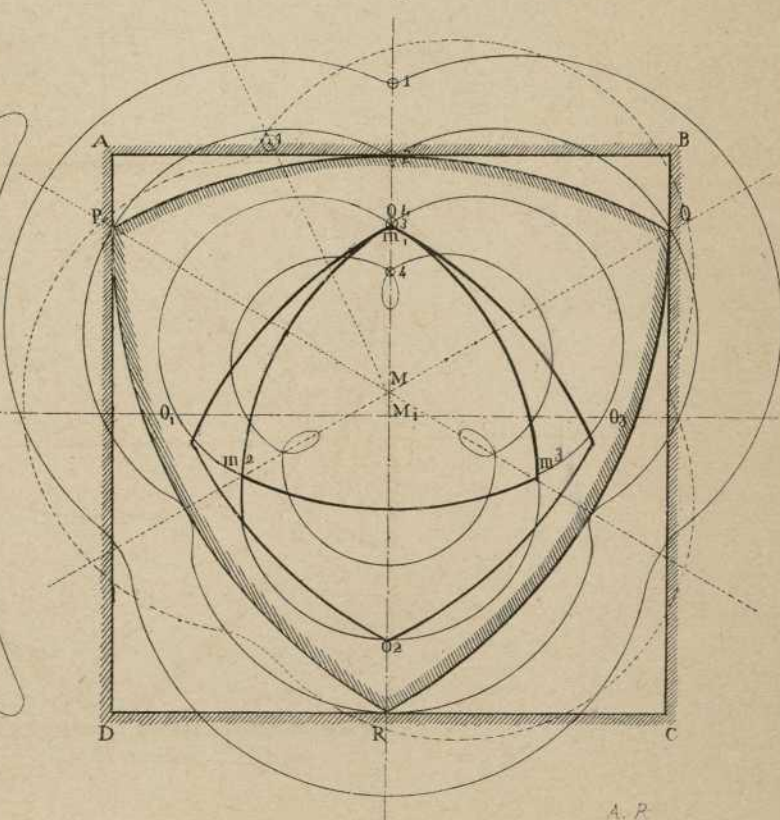
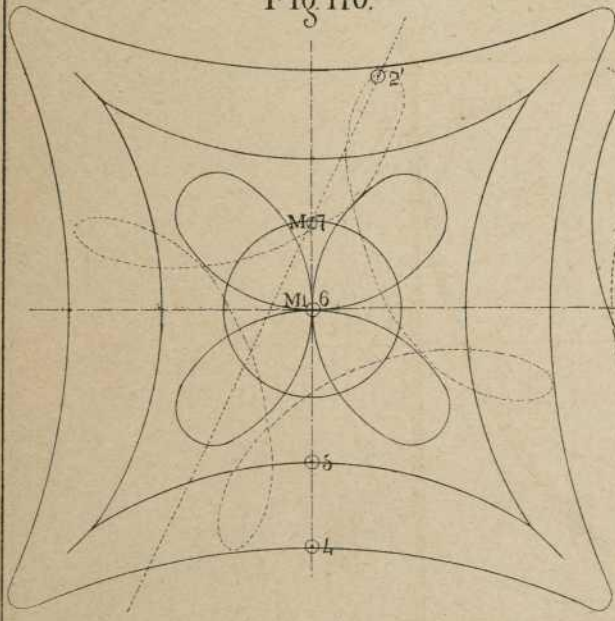


Fig. 111.

Fig. 110.



A. R.

Fig. 112.

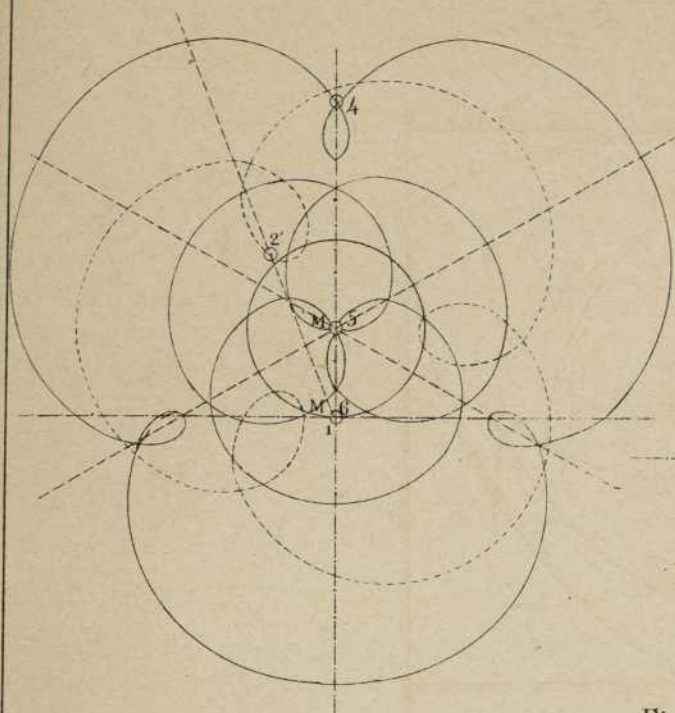


Fig. 114

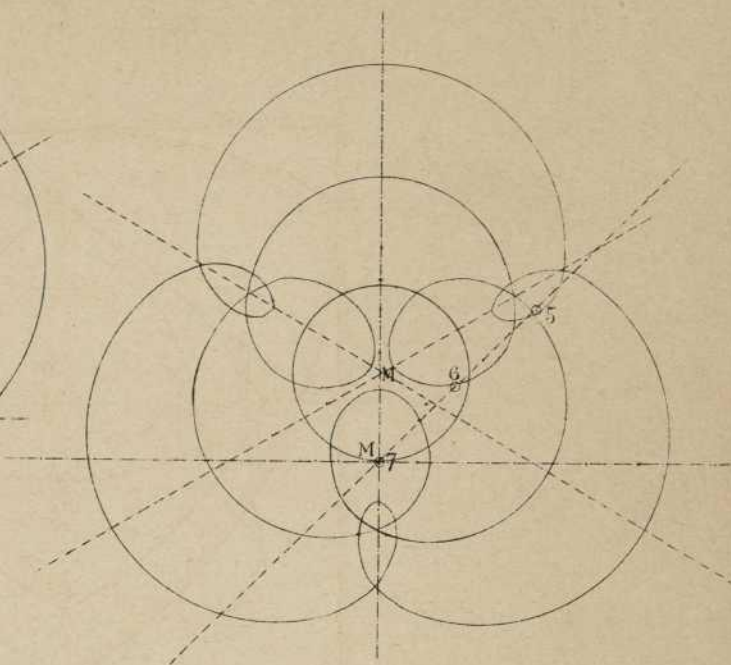
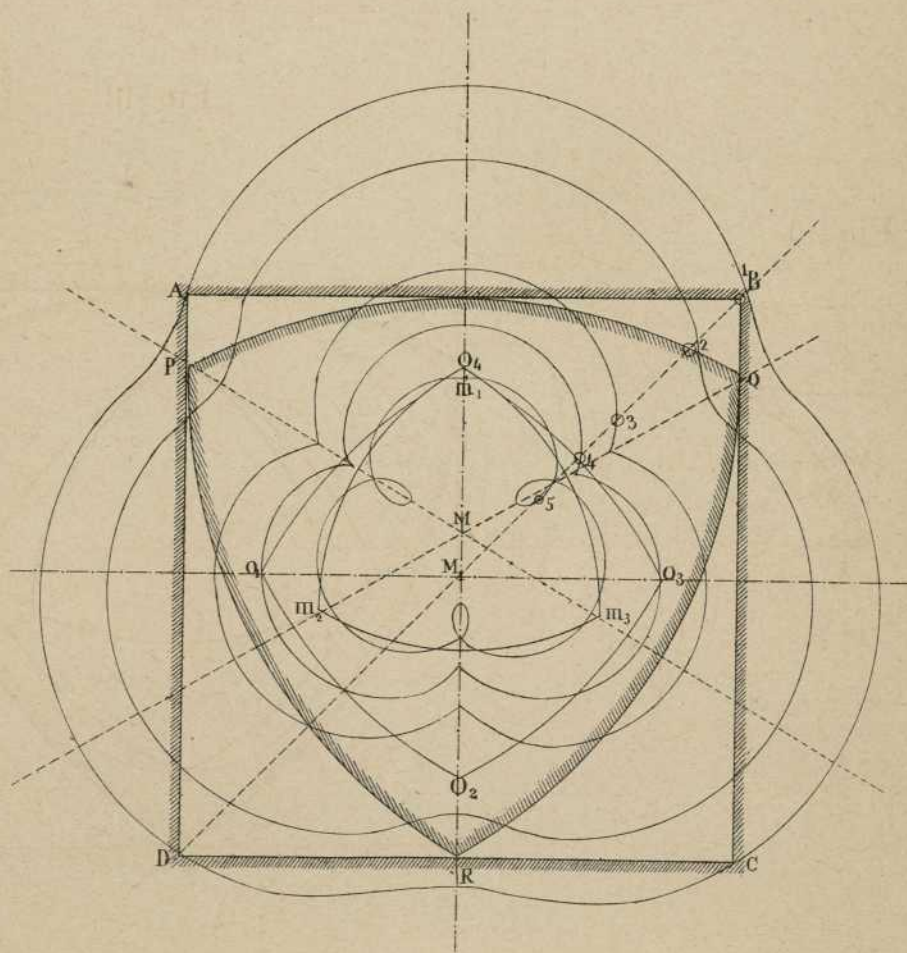


Fig. 113.



J E

Fig. 115.

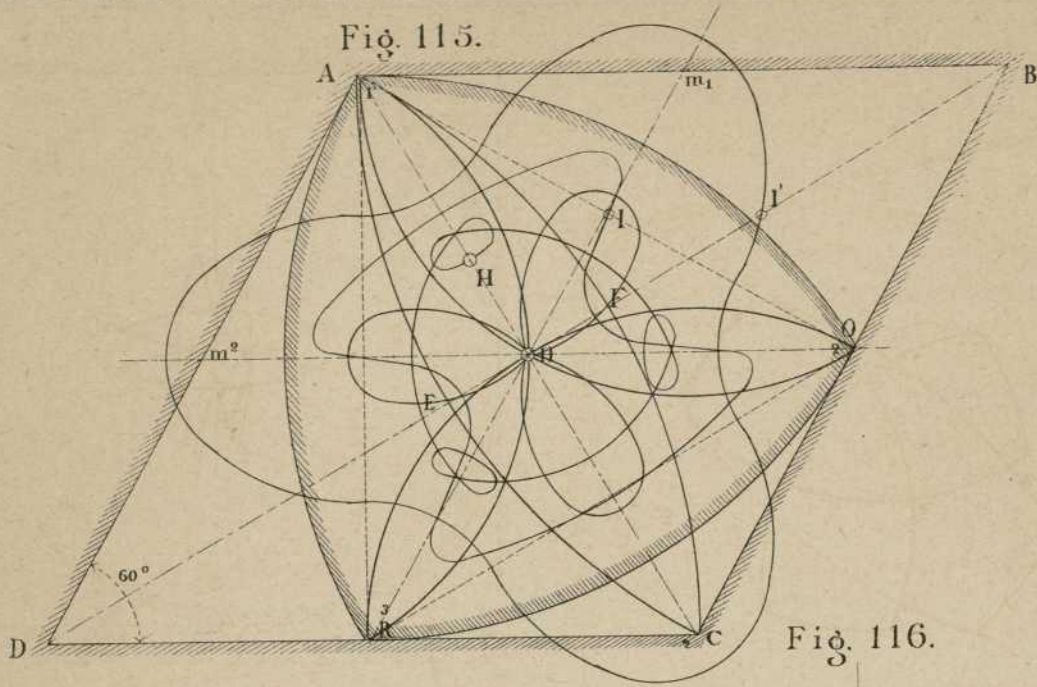


Fig. 116.

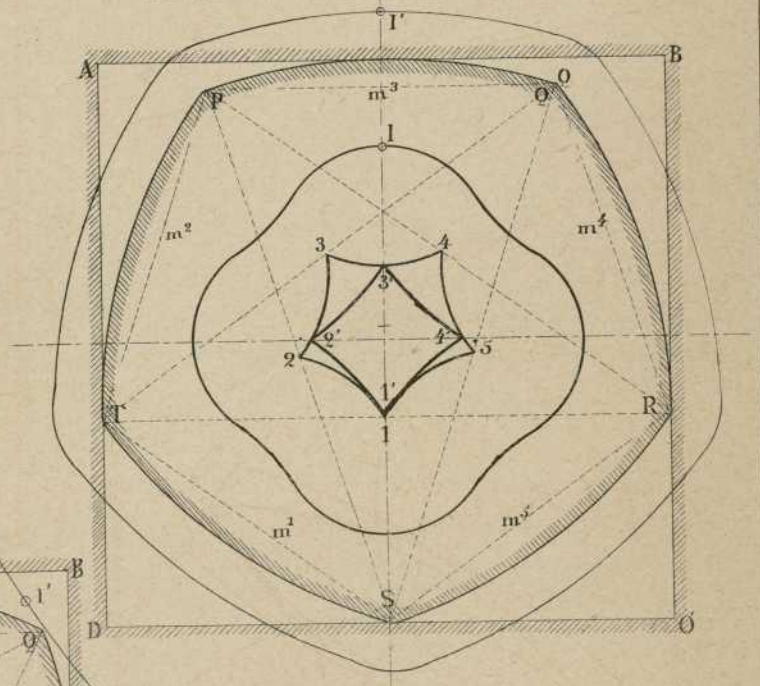


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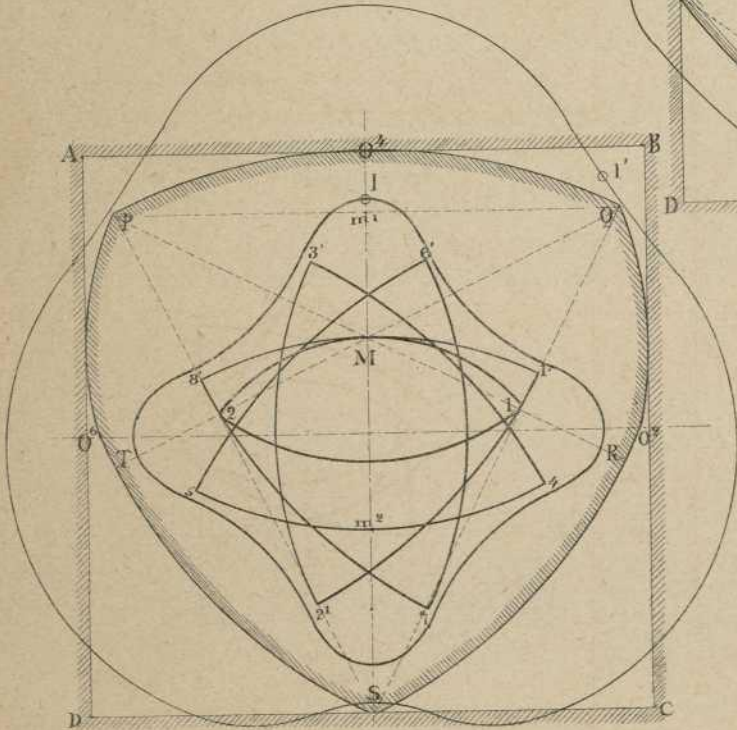


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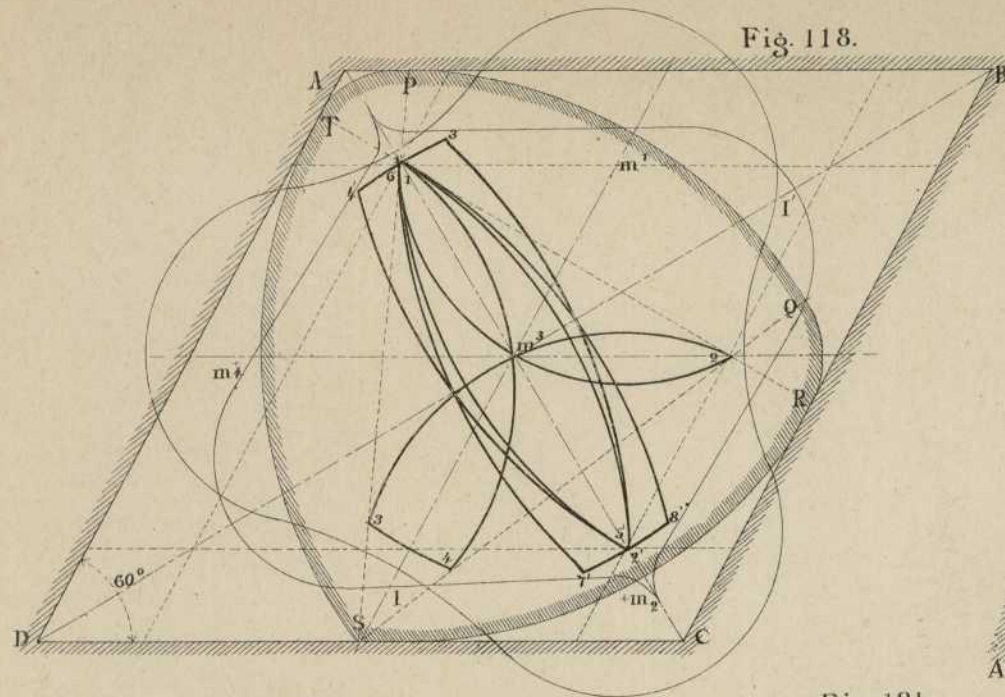


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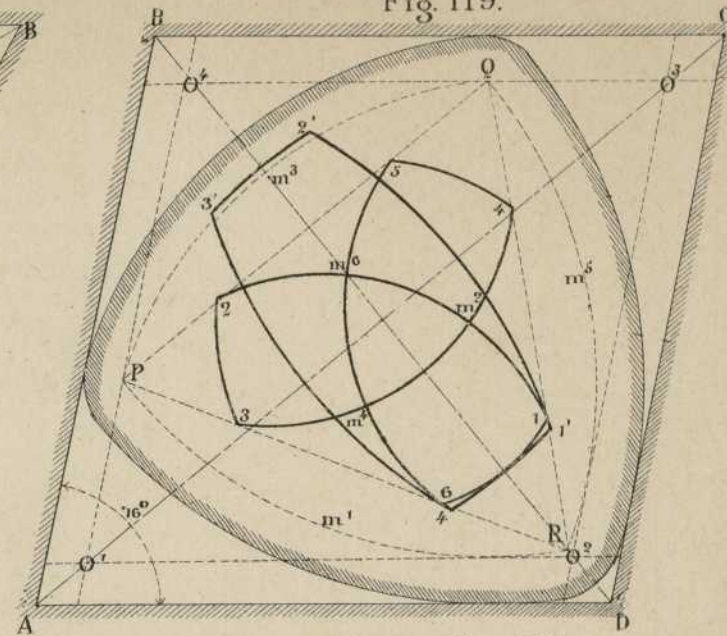


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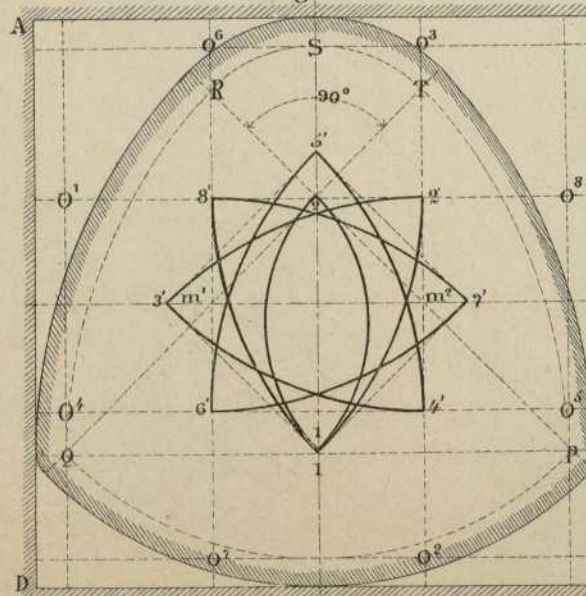


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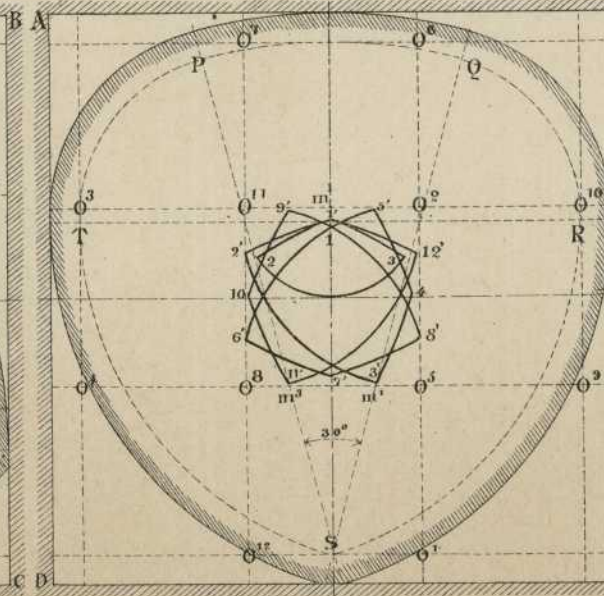


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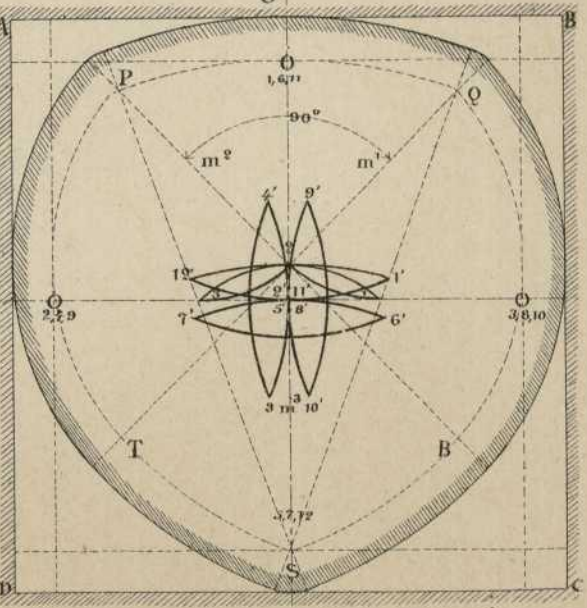


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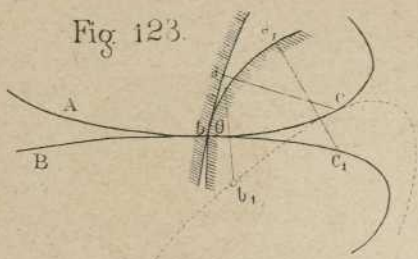


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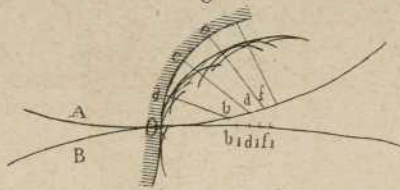


Fig. 127.

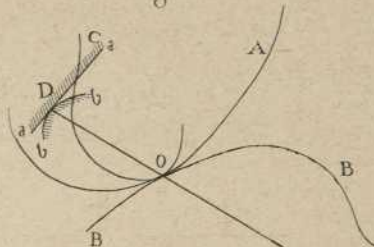


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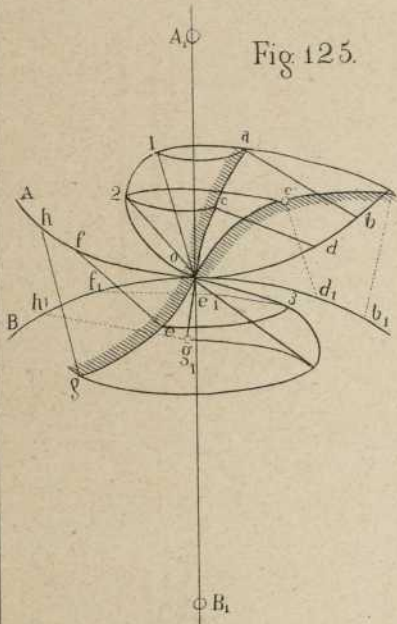


Fig. 126.



Fig. 129.

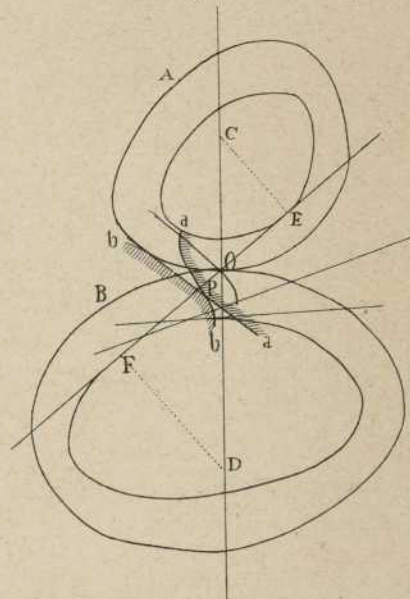


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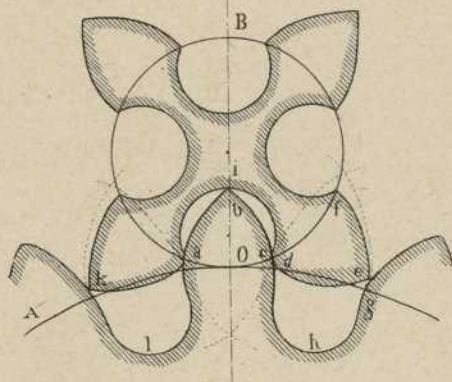


Fig. 132.

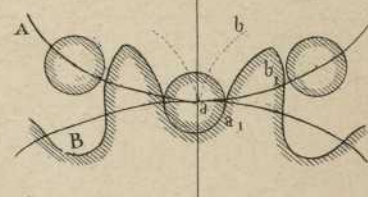


Fig. 128.

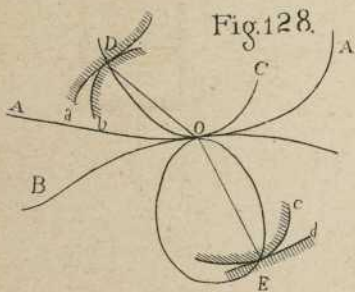


Fig. 131.

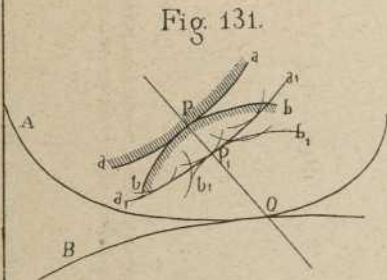
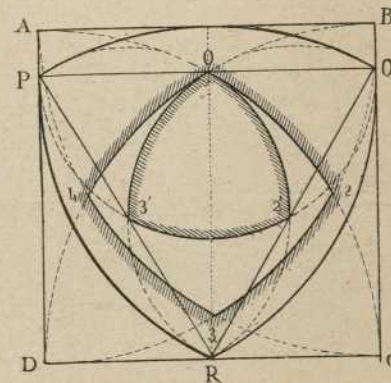


Fig. 133.



A. R.

Fig. 135.

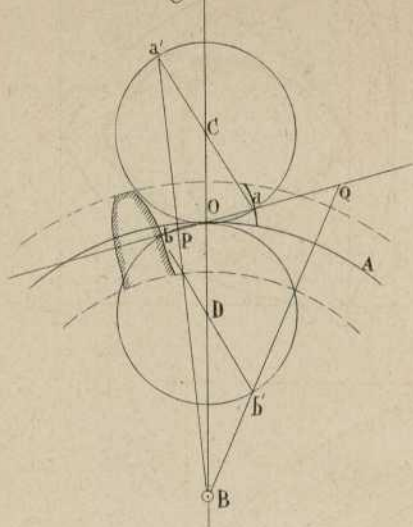


Fig. 136.

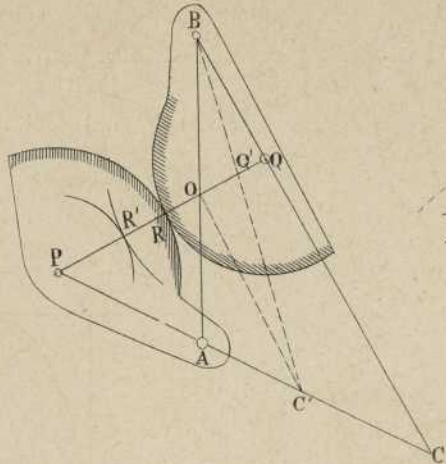


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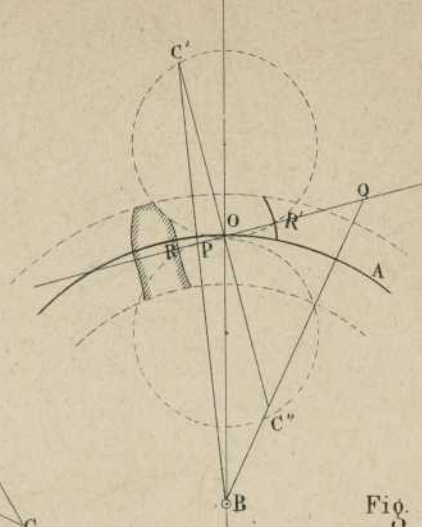


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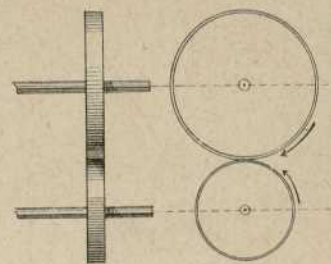


Fig. 139.

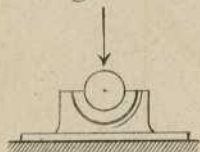


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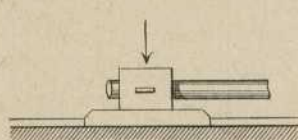


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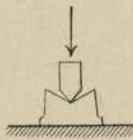


Fig. 142.

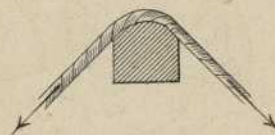


Fig. 143.

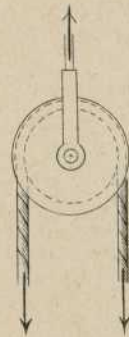


Fig. 144.

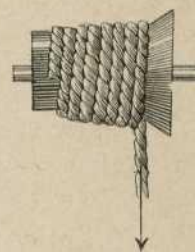


Fig. 145.



Fig. 146.

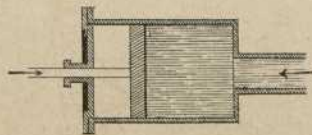


Fig. 147.

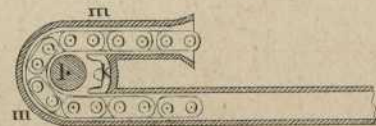
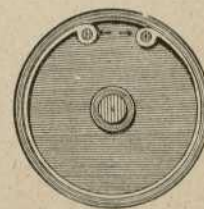
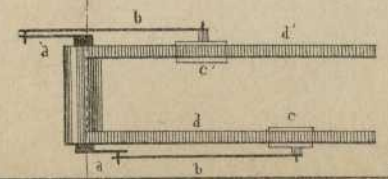
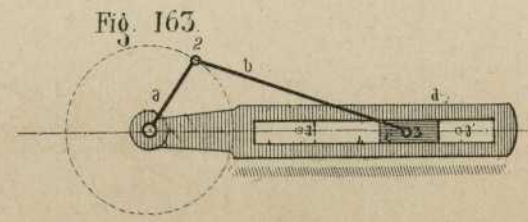
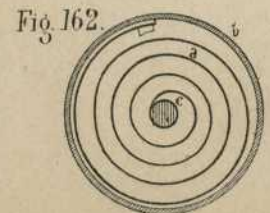
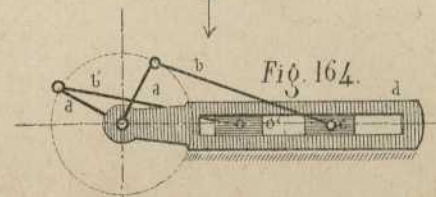
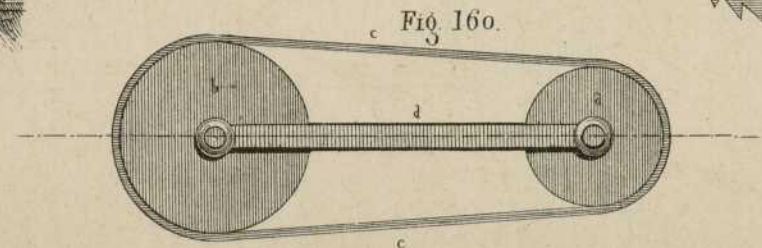
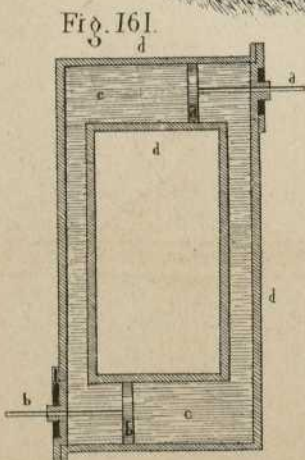
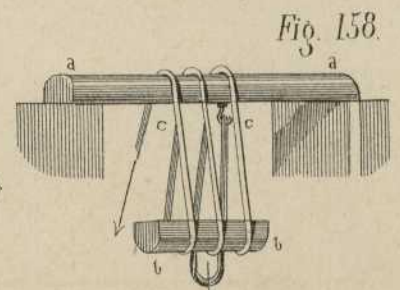
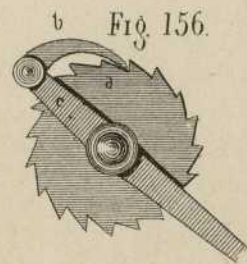
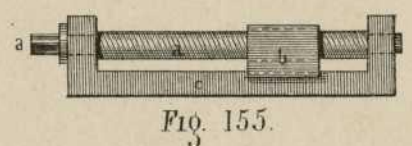
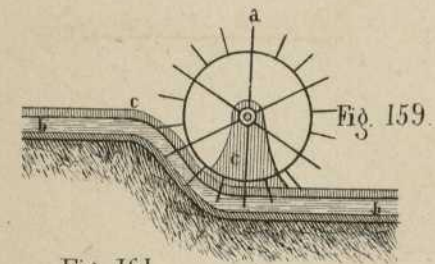
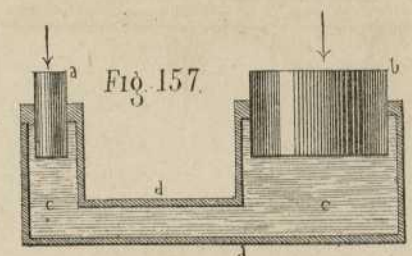
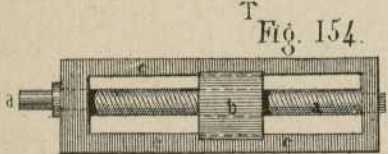
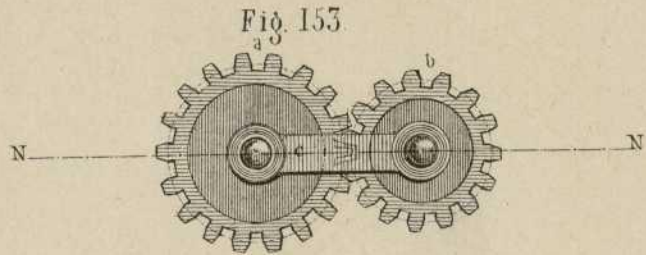
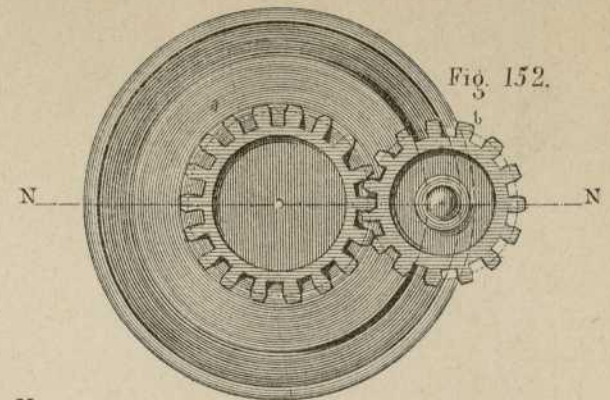
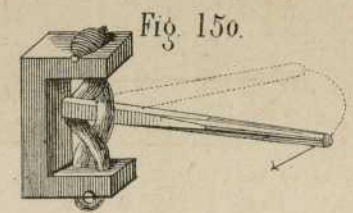
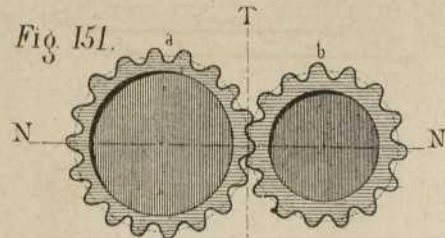
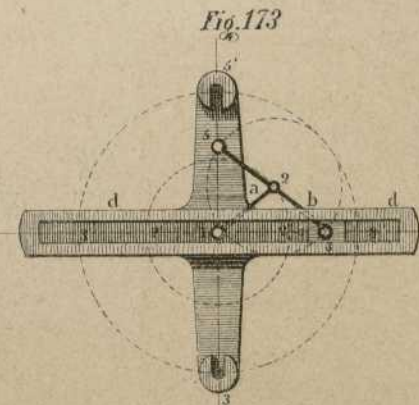
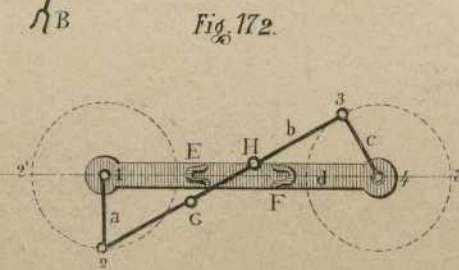
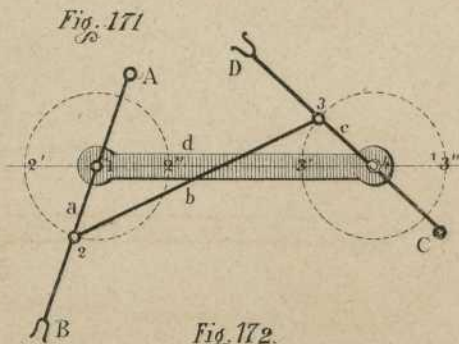
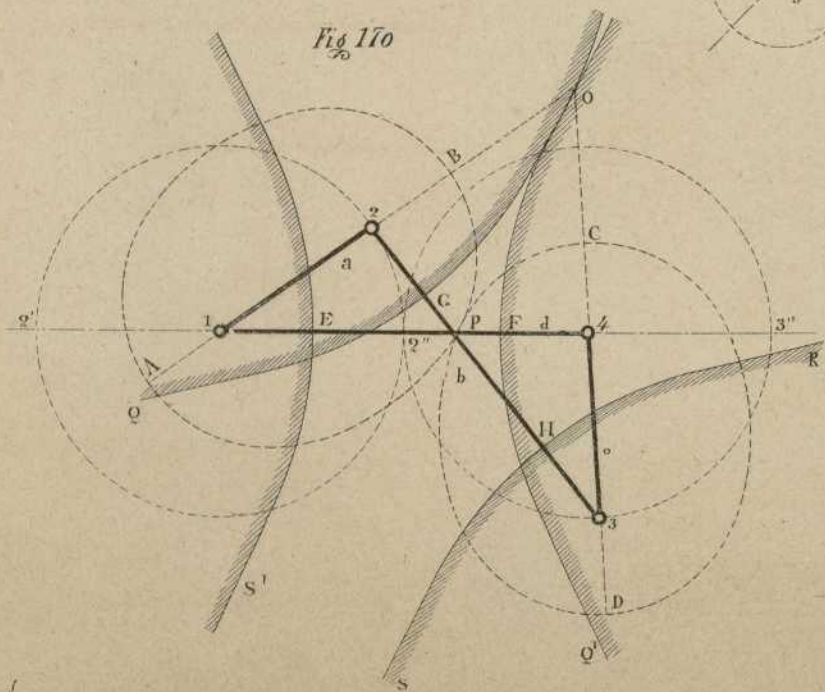
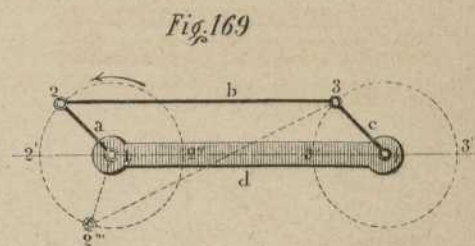
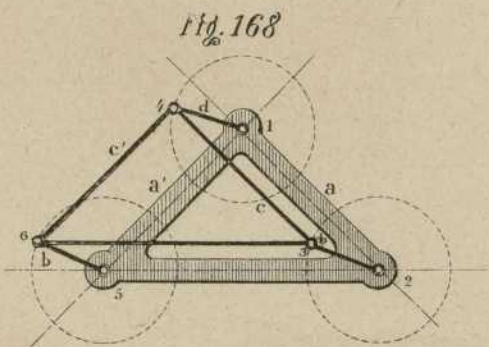
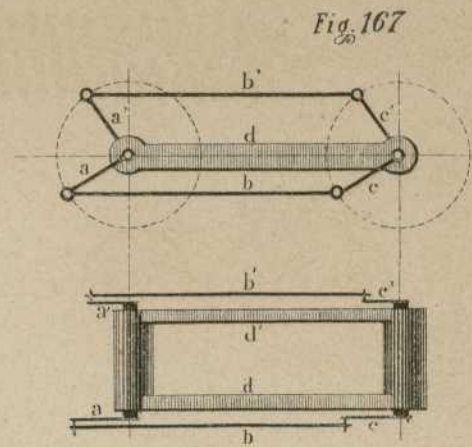
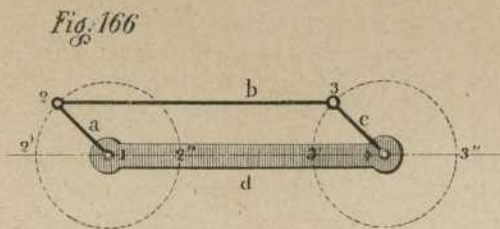
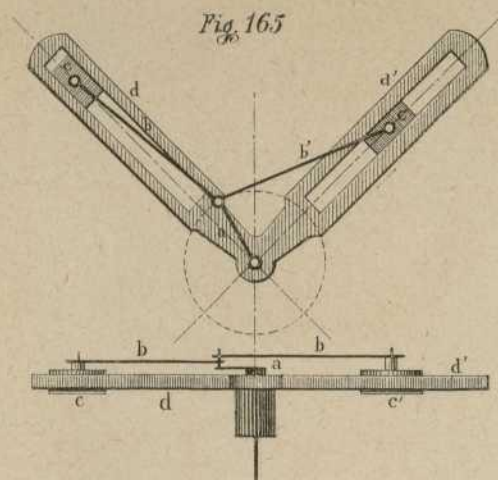


Fig. 148.



J. G.





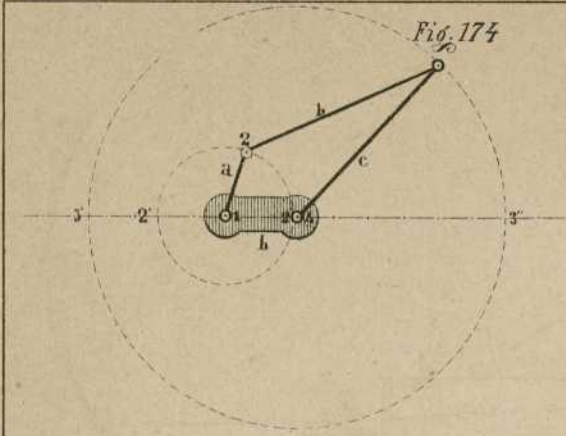


Fig. 174

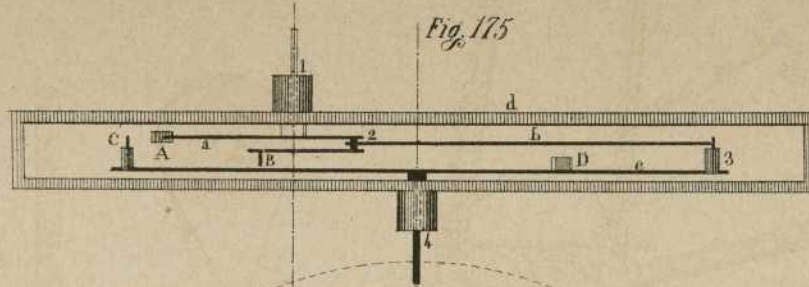


Fig. 175

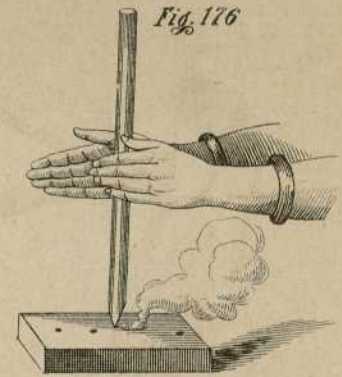


Fig. 176



Fig. 177

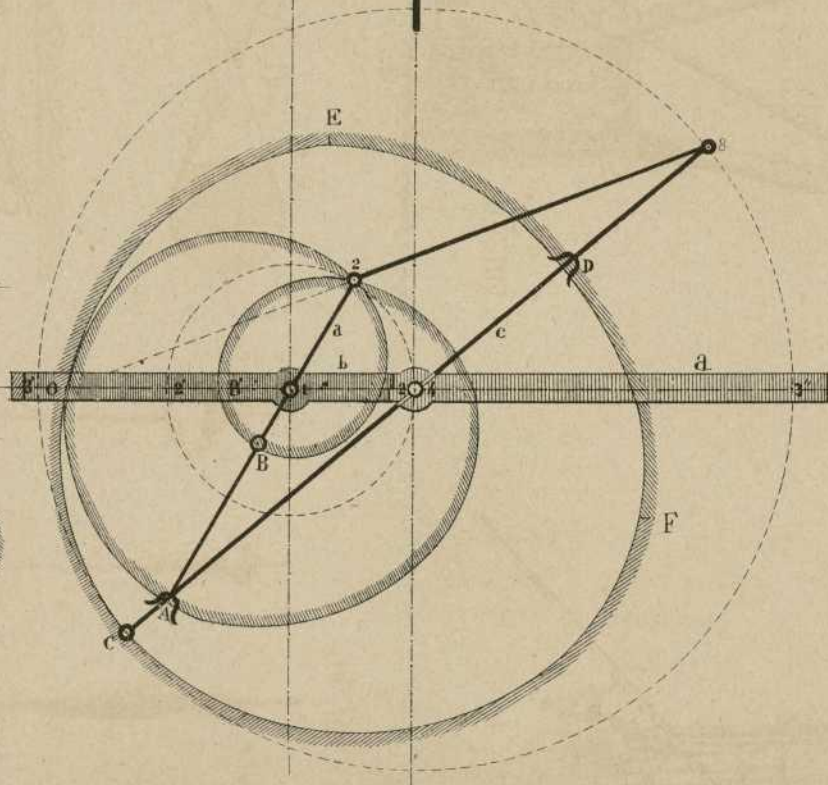


Fig. 178

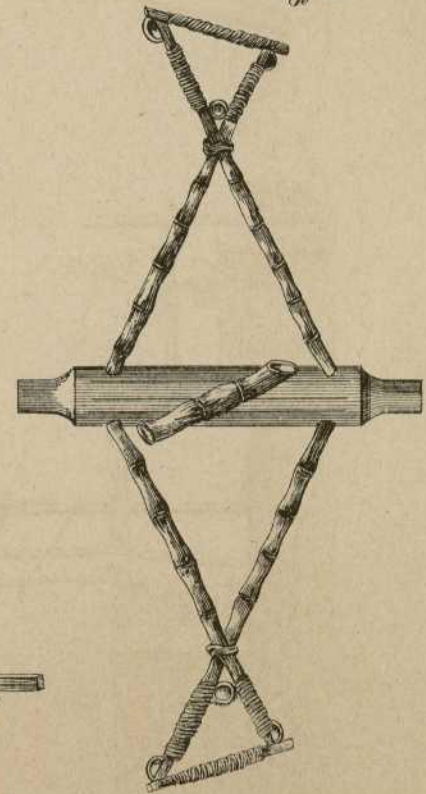


Fig. 179

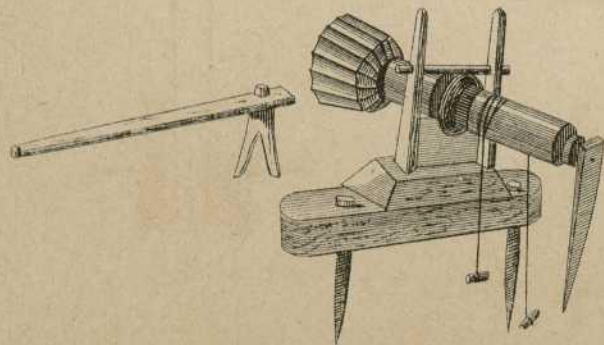
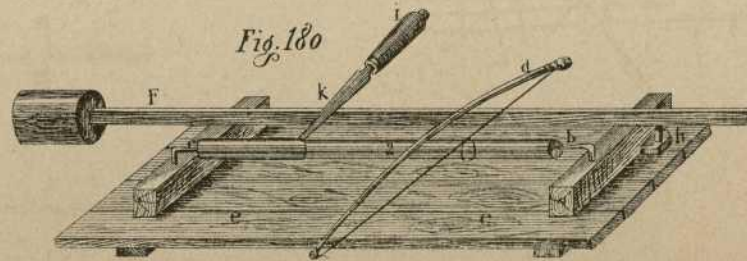


Fig. 180



J. L.

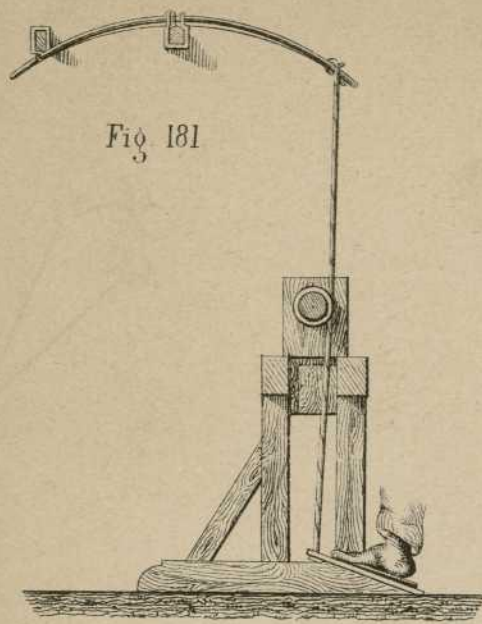


Fig. 181

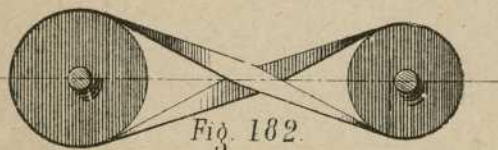


Fig. 182.

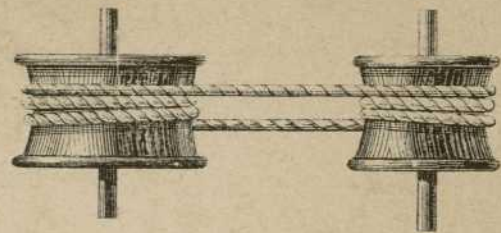


Fig. 183

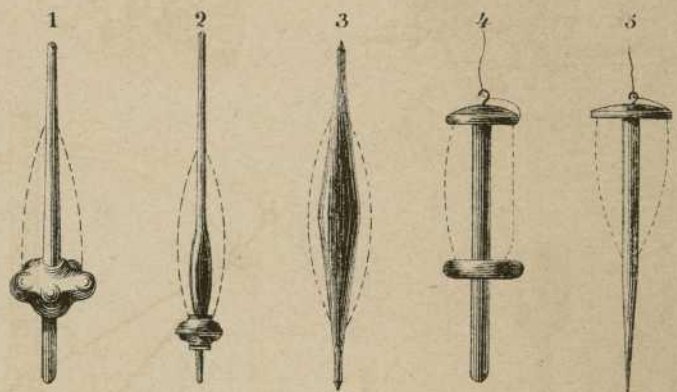


Fig. 184

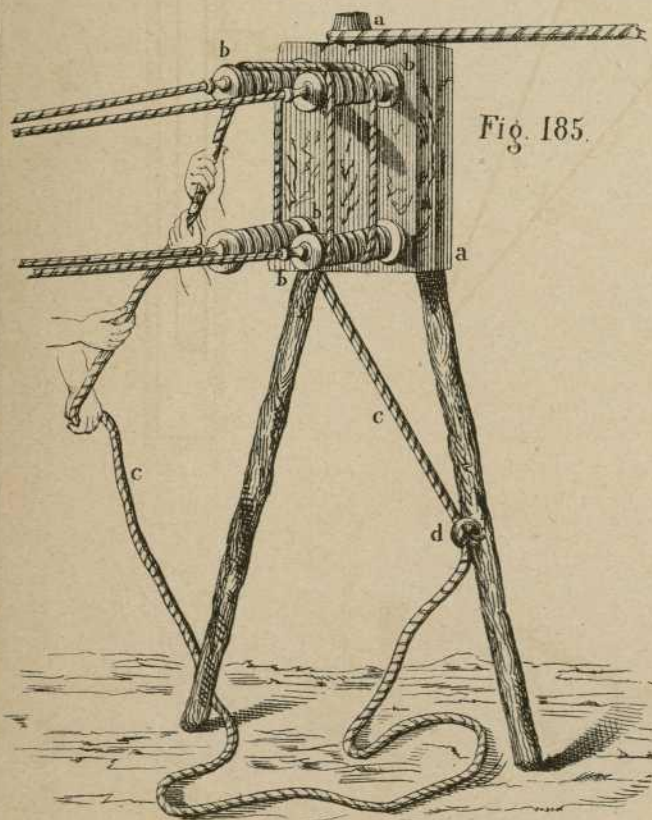


Fig. 185.

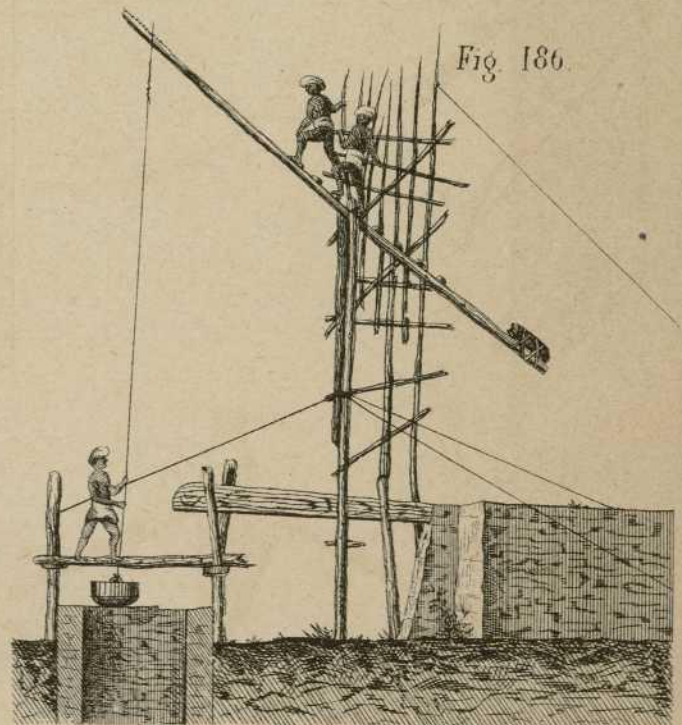
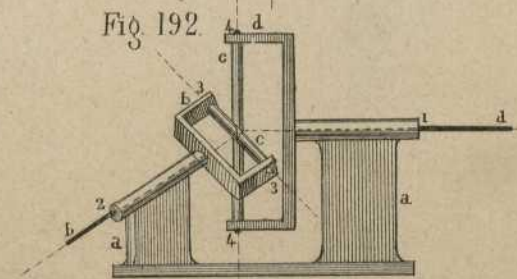
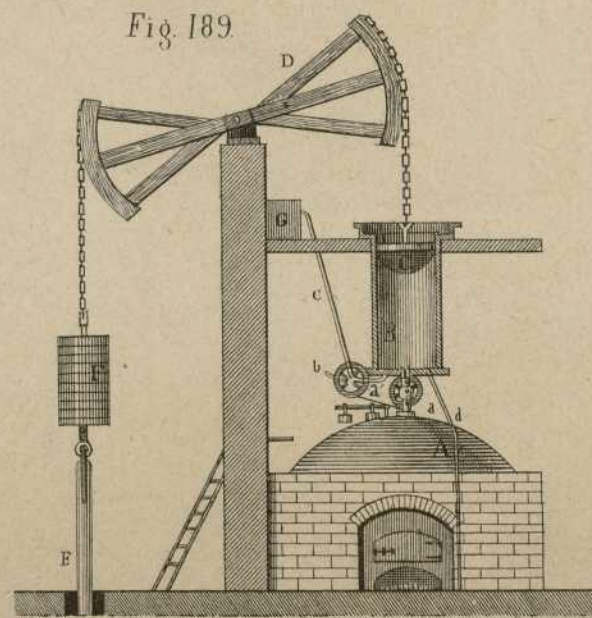
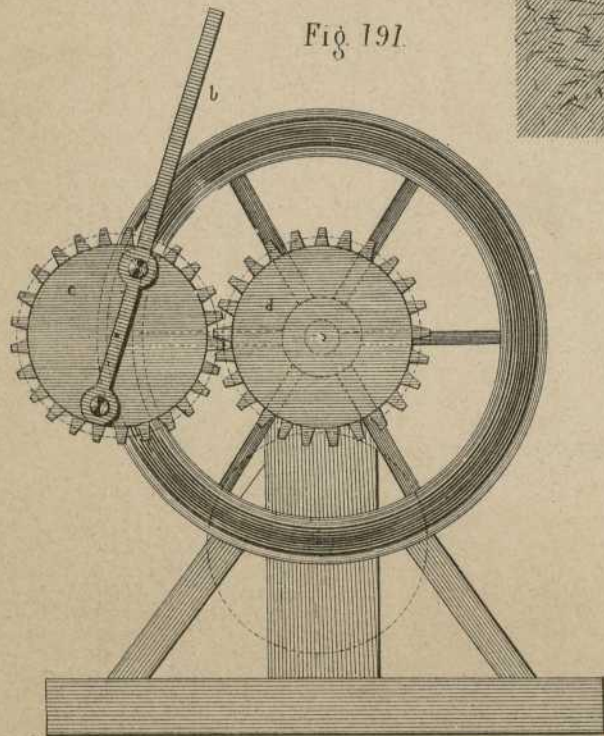
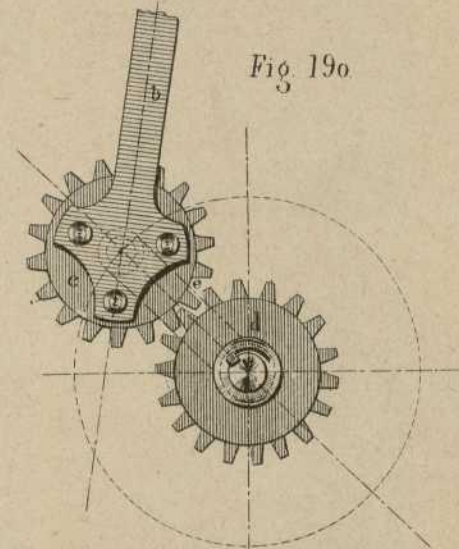
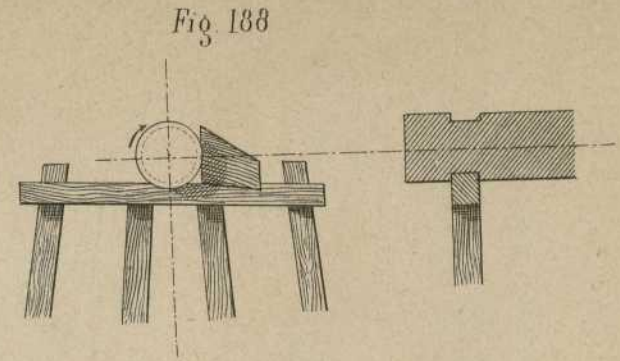
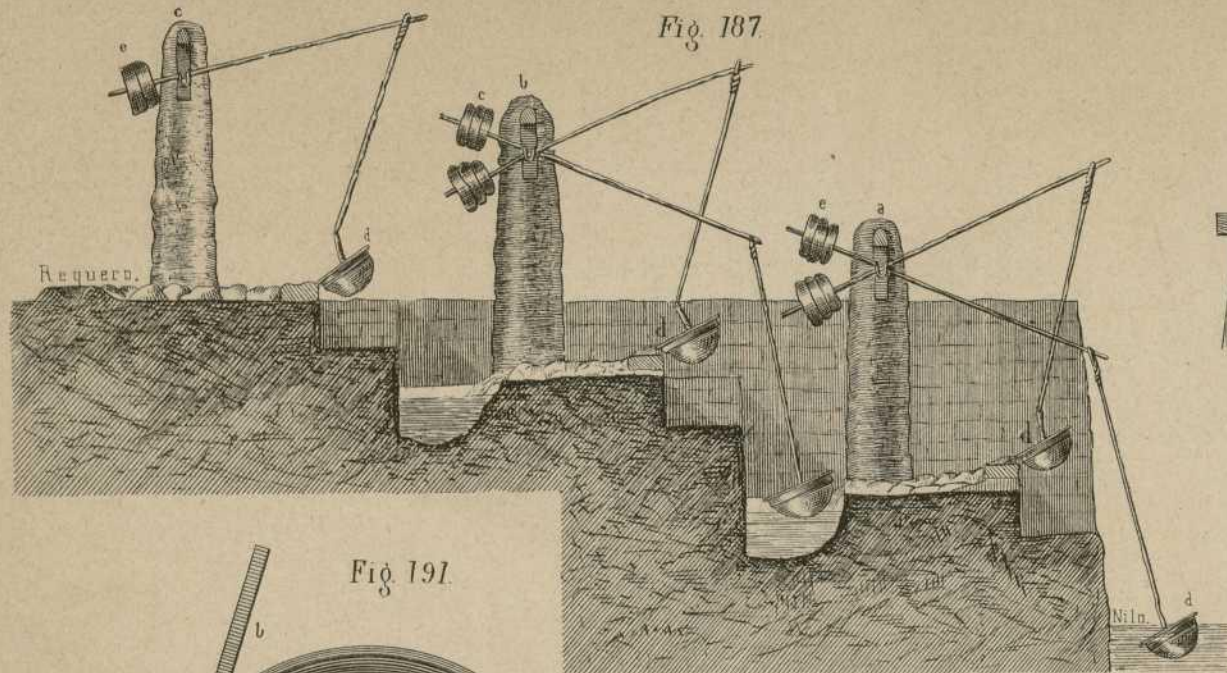


Fig. 186.

Ⓕ.



J. B.

Fig. 193

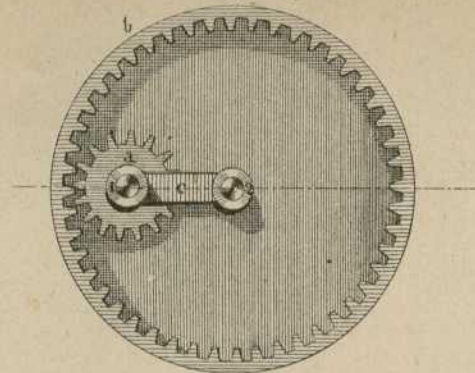


Fig. 195

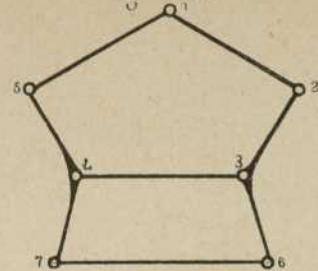


Fig. 194

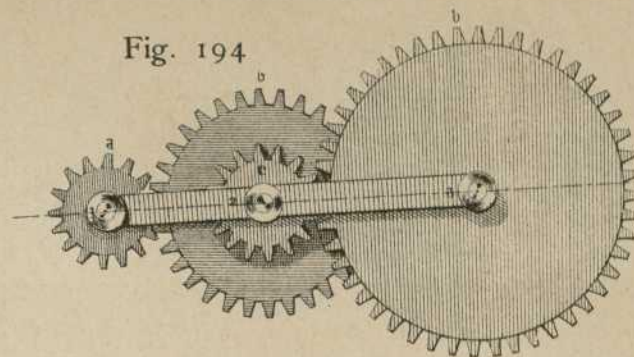


Fig. 198

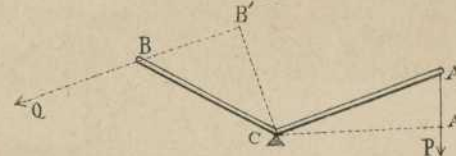


Fig. 196.

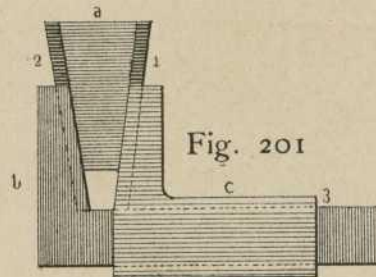
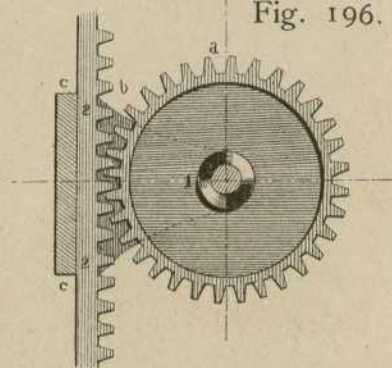


Fig. 201

Fig. 200



Fig. 197

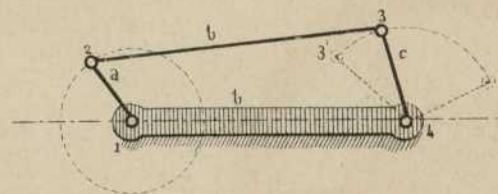


Fig. 205

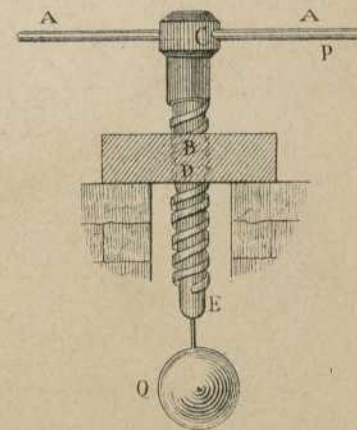


Fig. 199

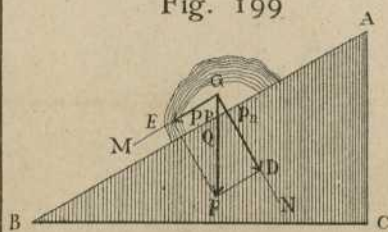


Fig. 202

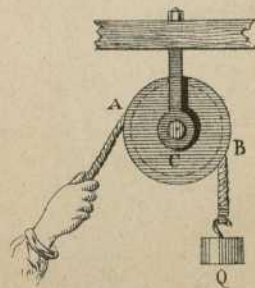


Fig. 203

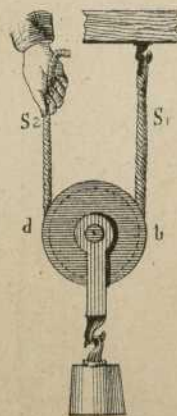


Fig. 204

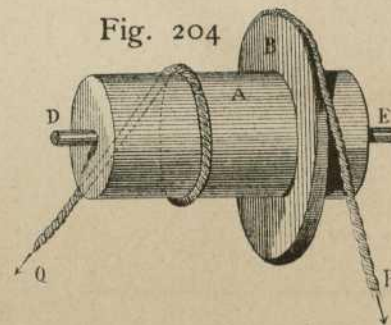


Fig. 206

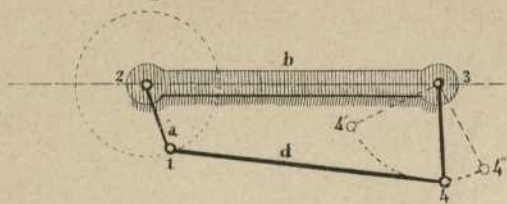


Fig. 207

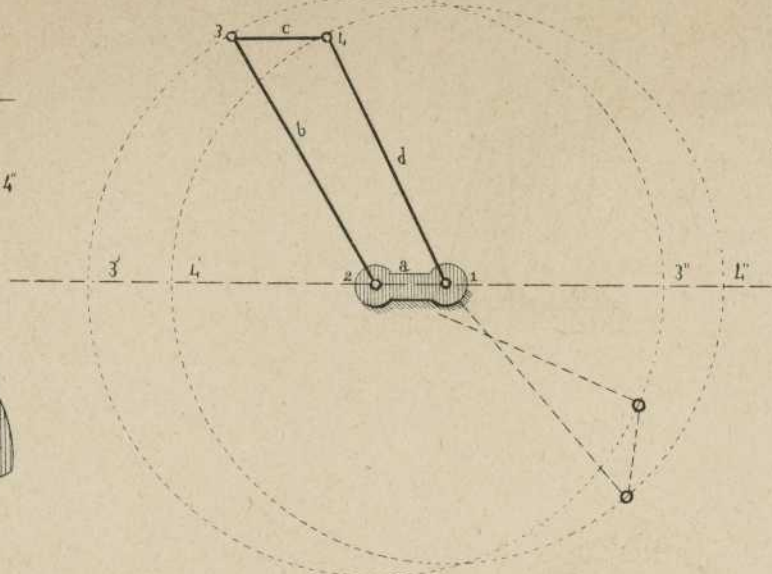


Fig. 208

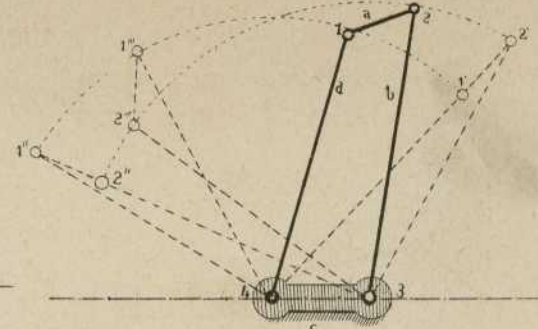


Fig. 212

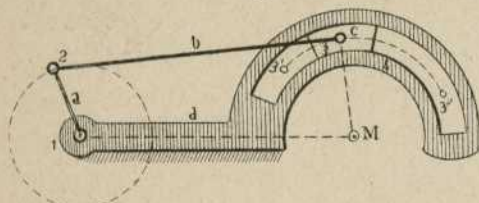


Fig. 209

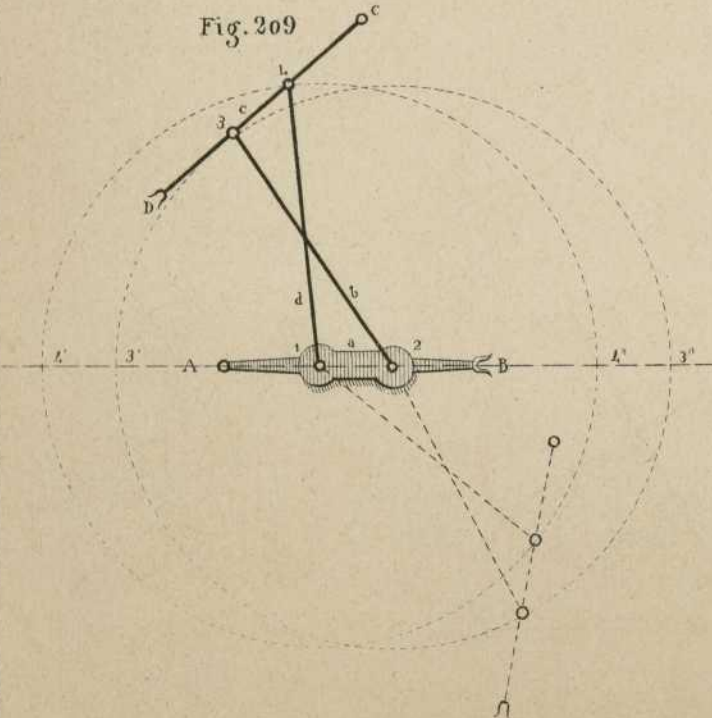


Fig. 211

Fig. 213

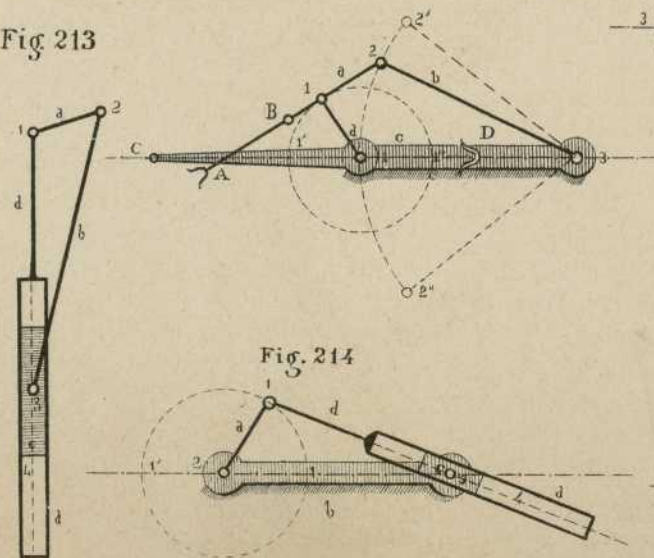


Fig. 210

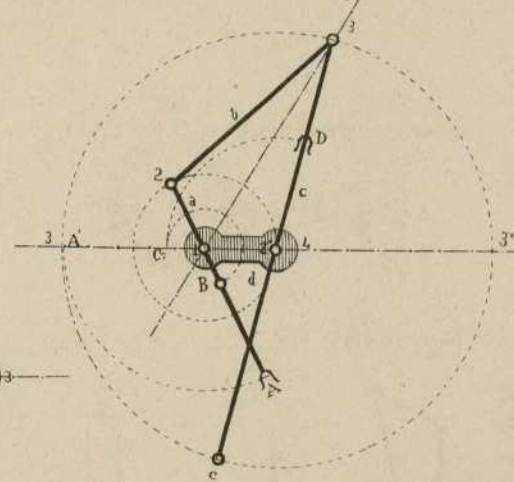


Fig. 214

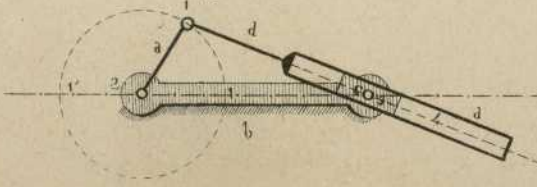


Fig. 215

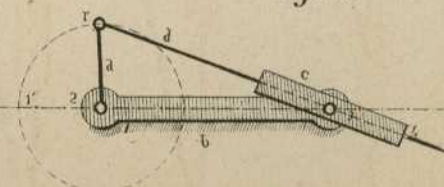


Fig. 216

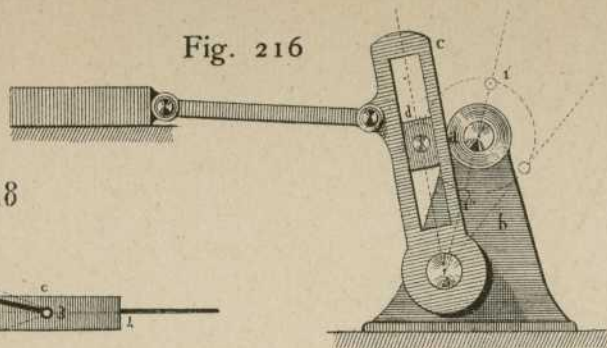


Fig. 218

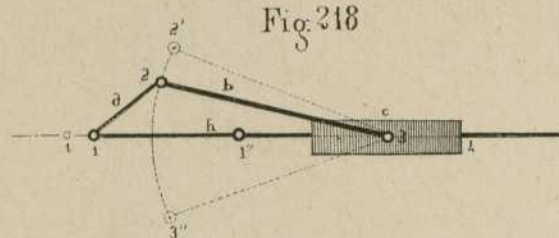


Fig. 217

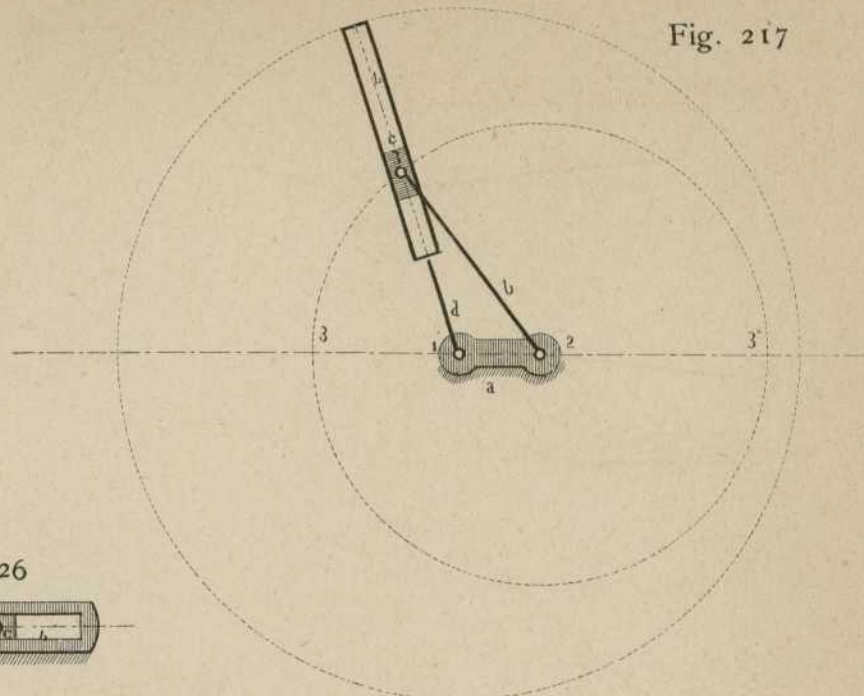


Fig. 219

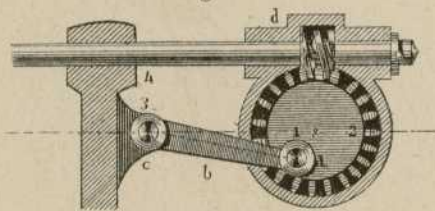


Fig. 226

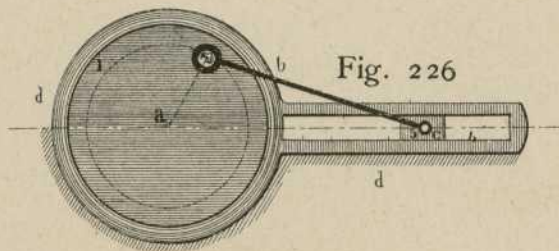


Fig. 220

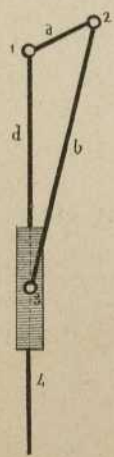


Fig. 221

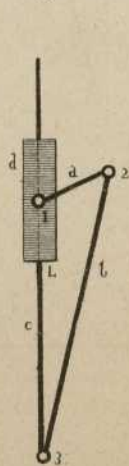


Fig. 222

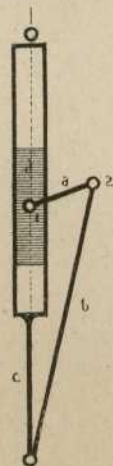


Fig. 223

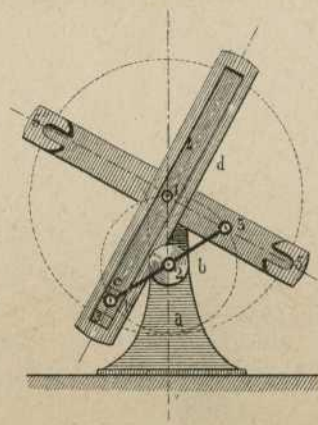


Fig. 224

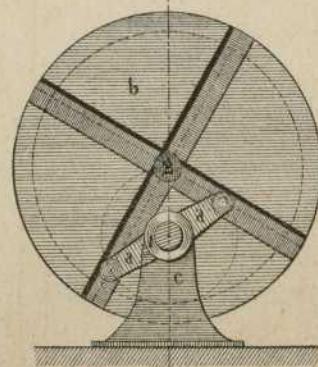
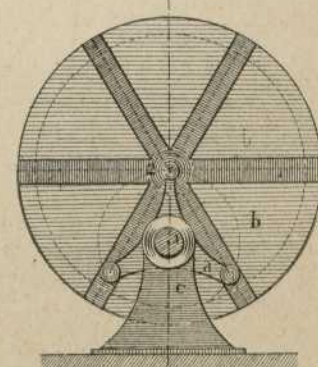


Fig. 225



A. R.

Fig. 227

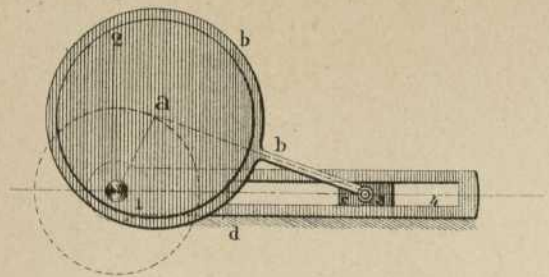


Fig. 228

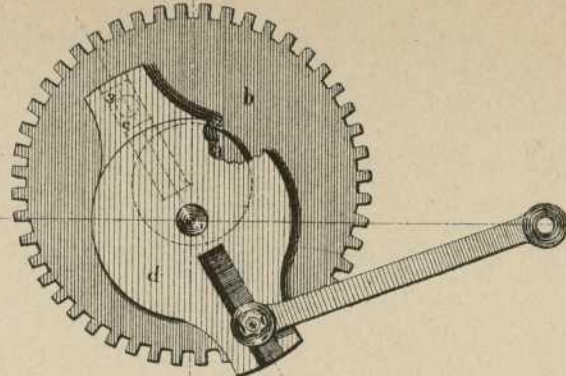


Fig. 229

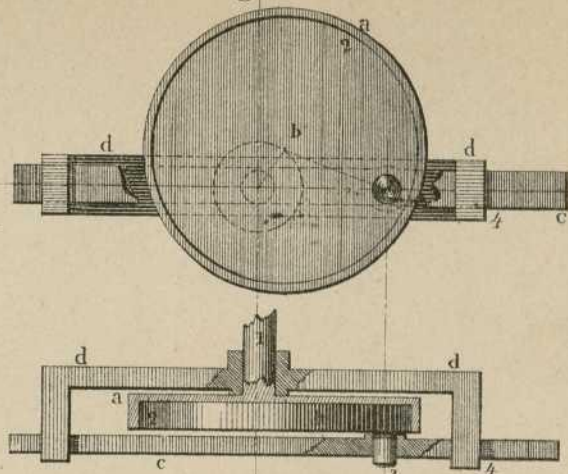


Fig. 230

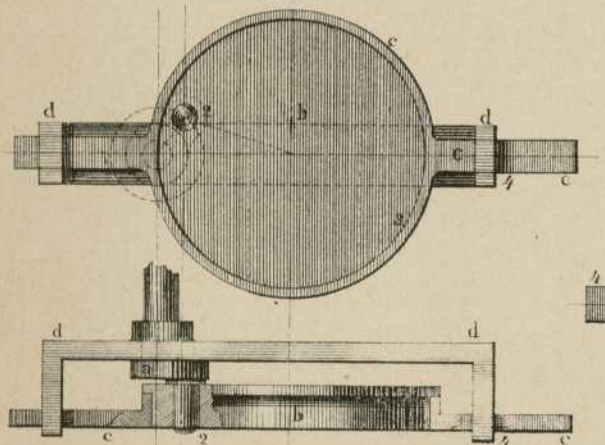


Fig. 231

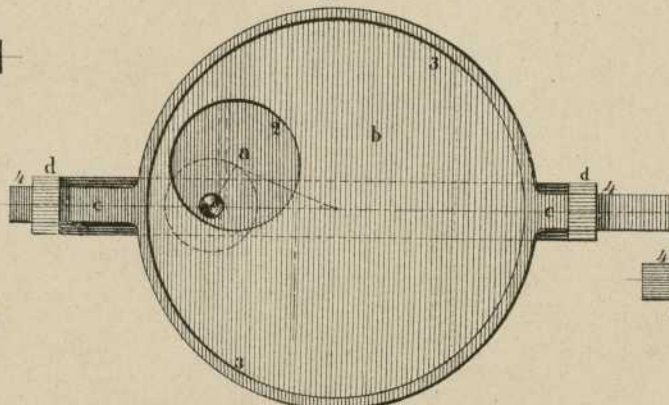


Fig. 232

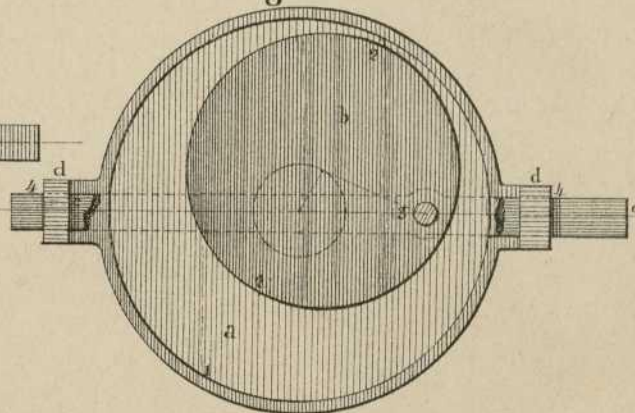


Fig. 233

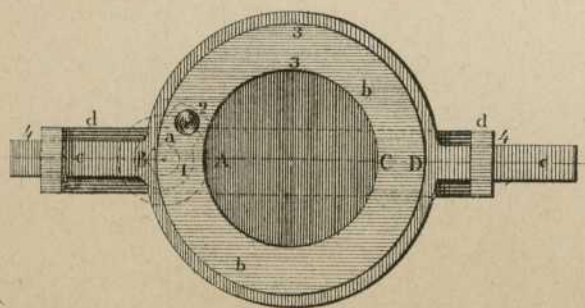


Fig. 235

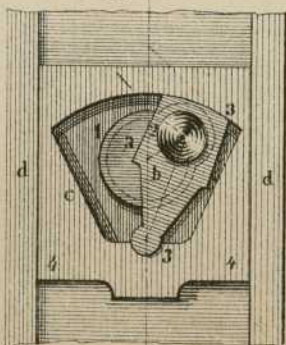
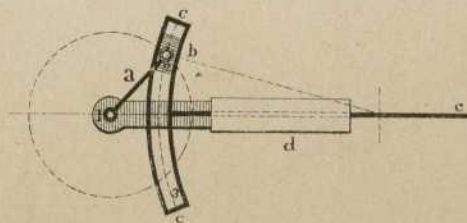


Fig. 234



U.

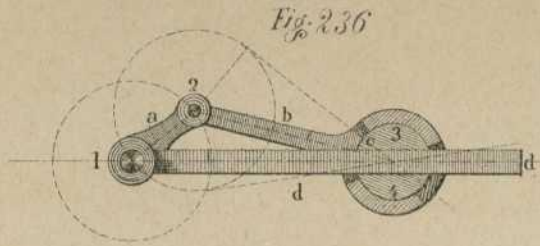


Fig. 236

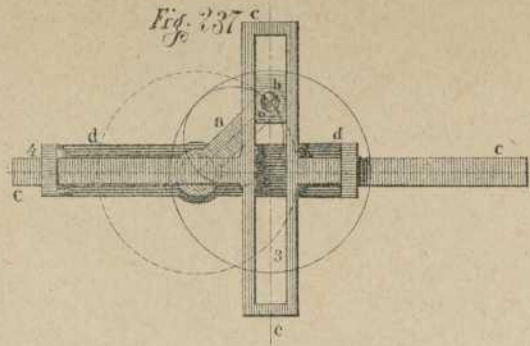


Fig. 237

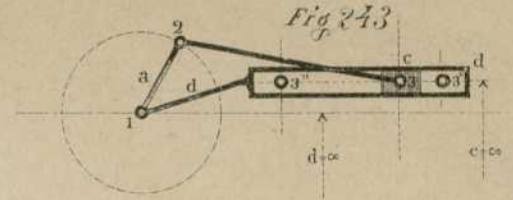


Fig. 243

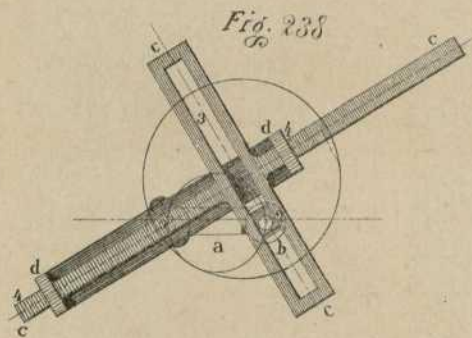


Fig. 238

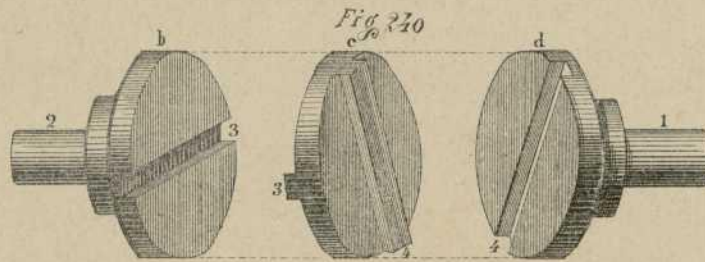


Fig. 240

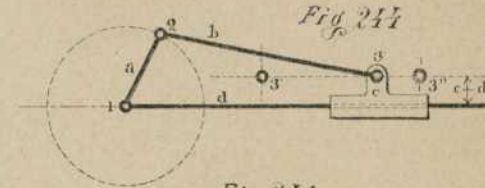


Fig. 244

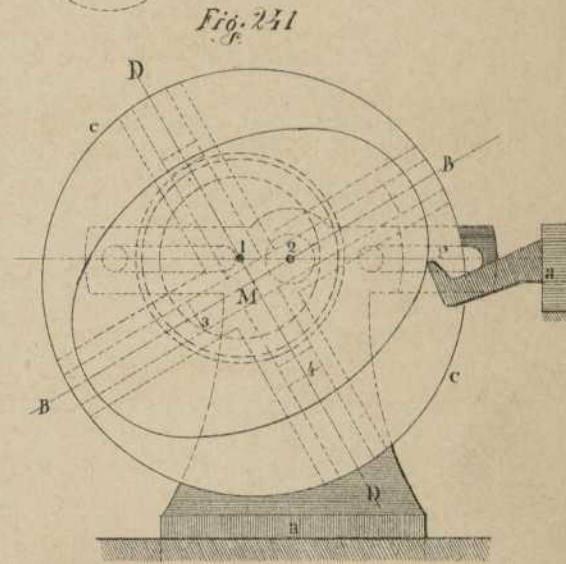


Fig. 241

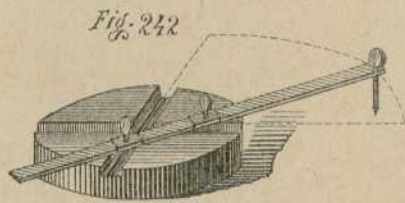


Fig. 242

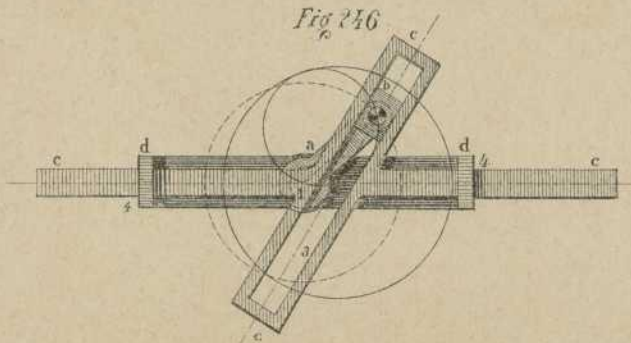


Fig. 246

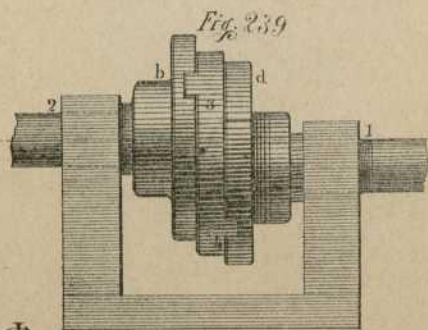


Fig. 239

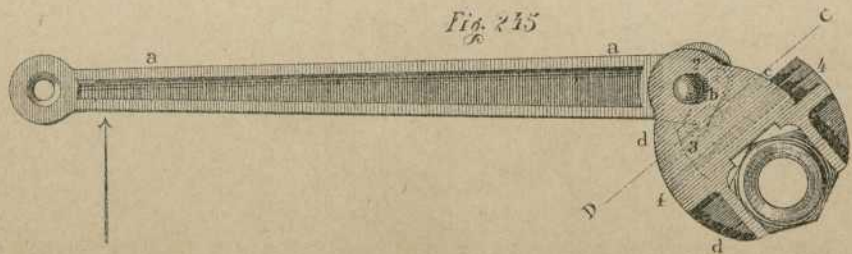
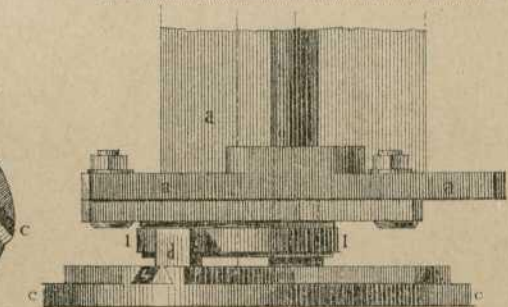


Fig. 245



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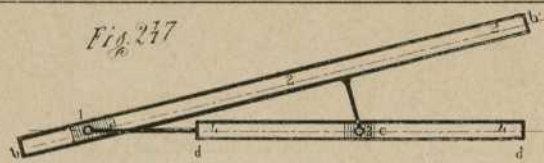


Fig. 250.

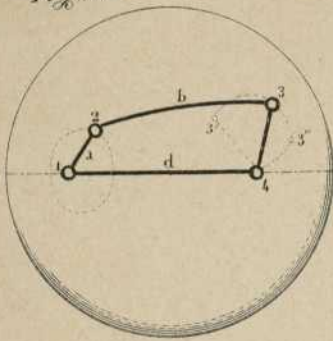


Fig. 254.

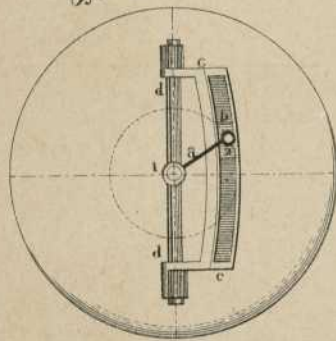


Fig. 255.

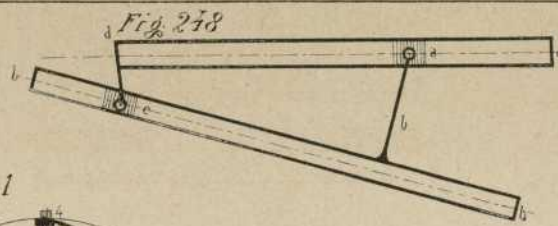
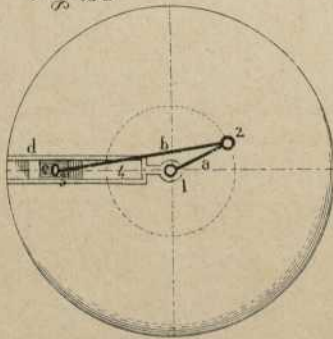


Fig. 251.

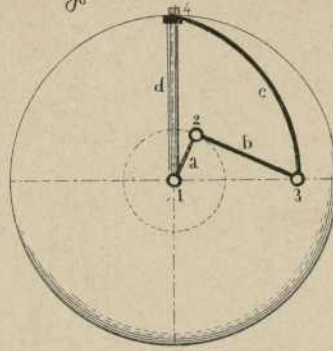


Fig. 253.

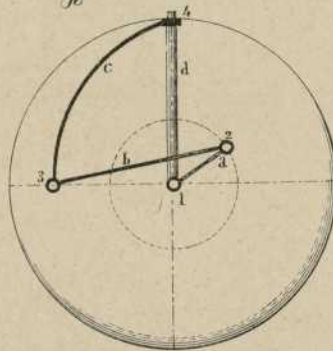


Fig. 256.

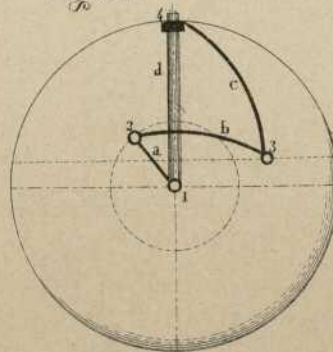


Fig. 252.

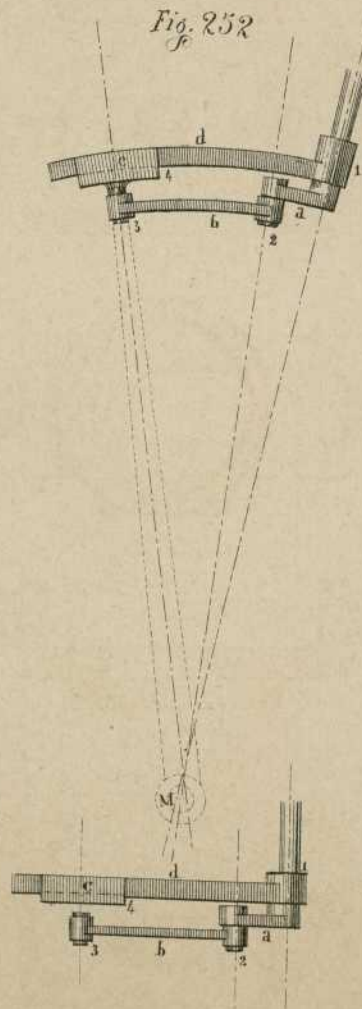


Fig. 249.

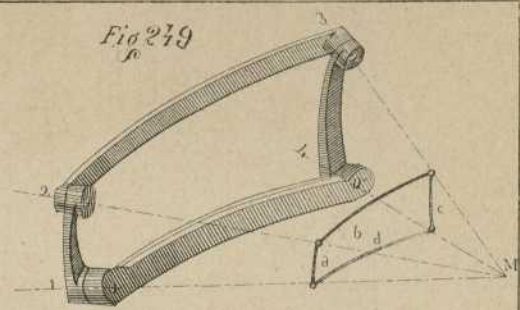


Fig. 257.

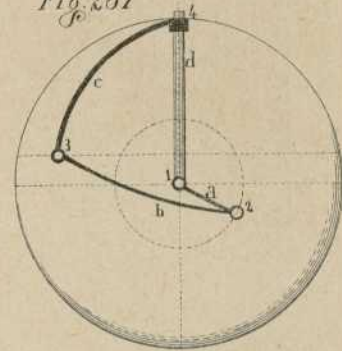


Fig. 258.

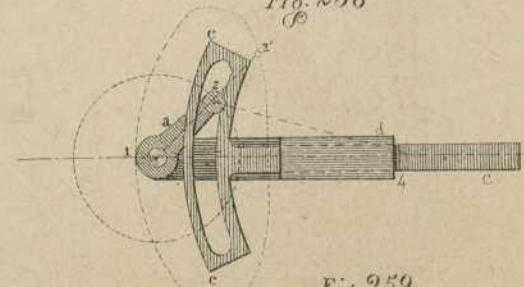


Fig. 259.

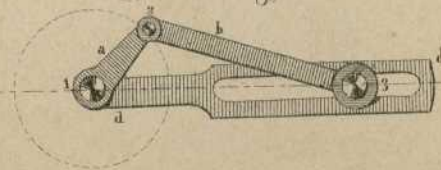


Fig. 260.

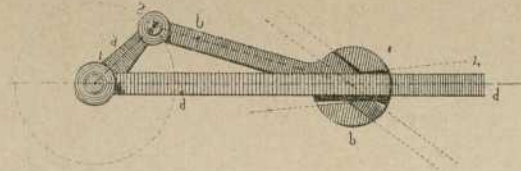


Fig. 261.

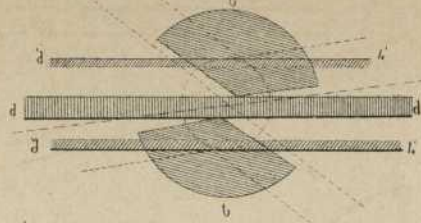


Fig. 263.

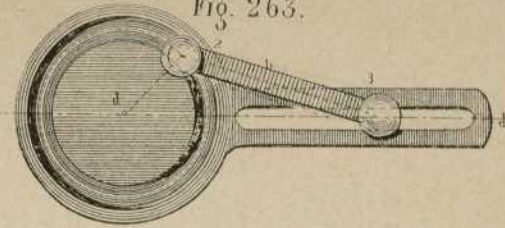


Fig. 262.

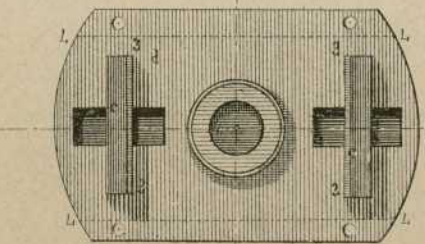
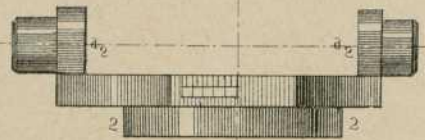
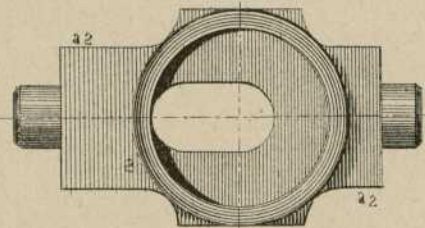
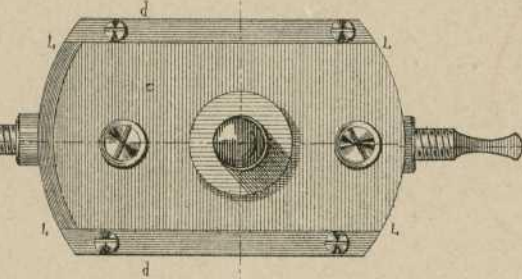
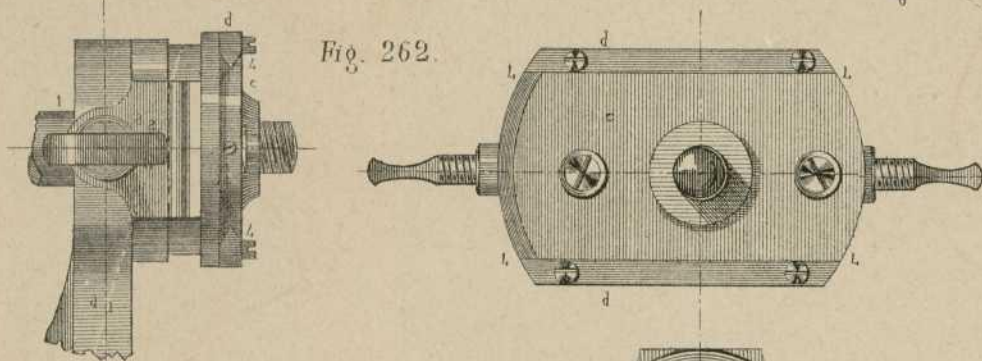
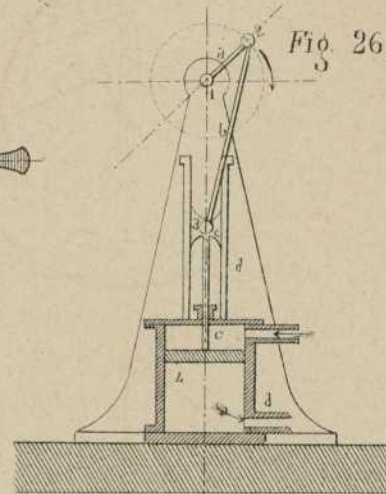
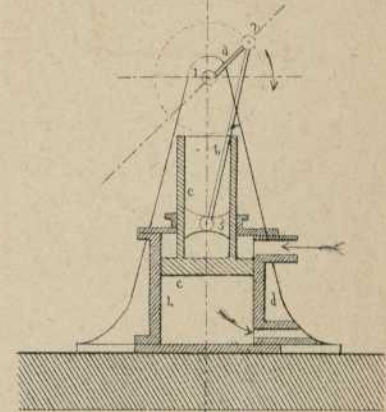


Fig. 264.



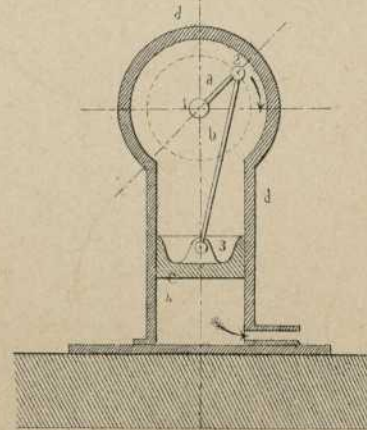
$(C_3^+ P^+)^d; (V^+) = c, d.$

Fig. 265.



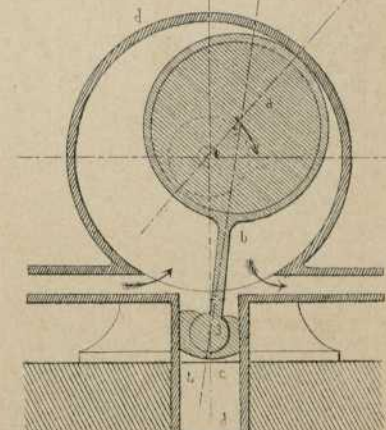
$(C_3^+ P^+)^d; (V^+) = c, d.$

Fig. 266.



$(C_3^+ P^-)^d; (V^+) = c, d.$

Fig. 267.



$(C_3^+ P^+)^d; (V^+) = b, d.$

J G

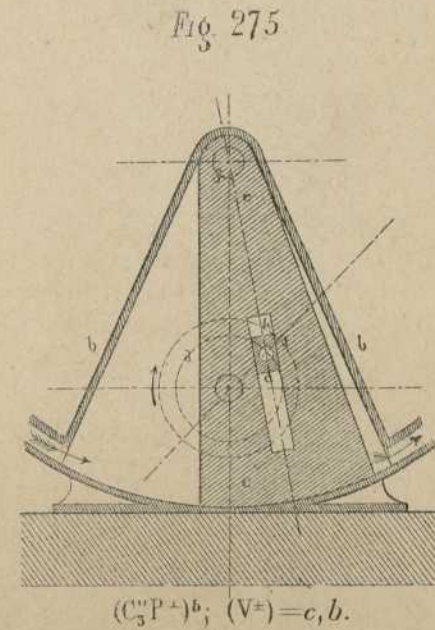
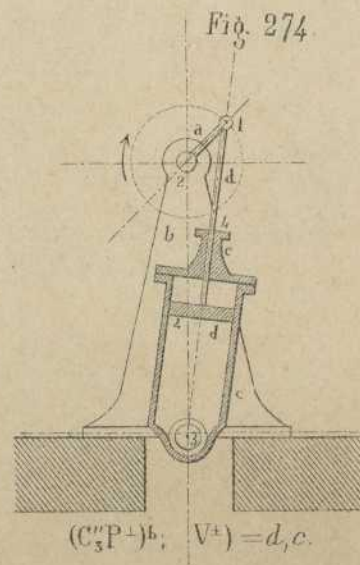
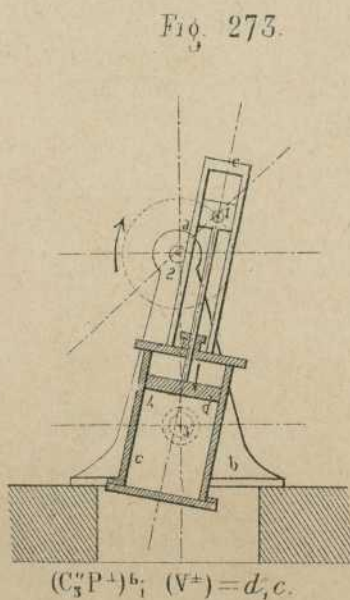
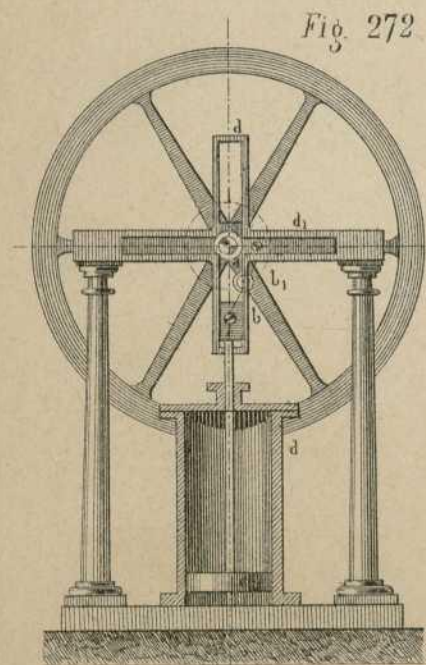
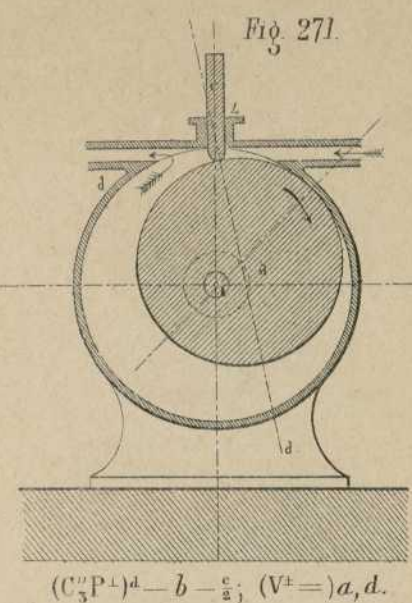
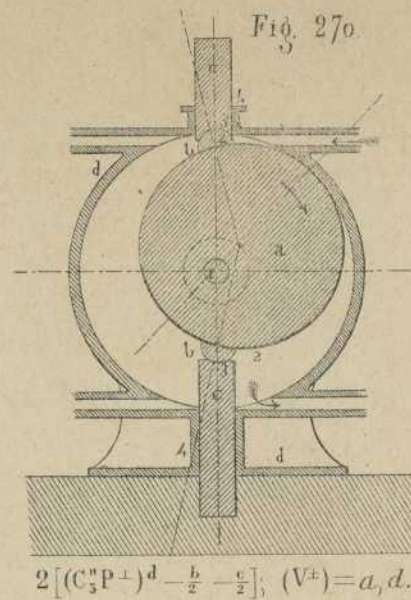
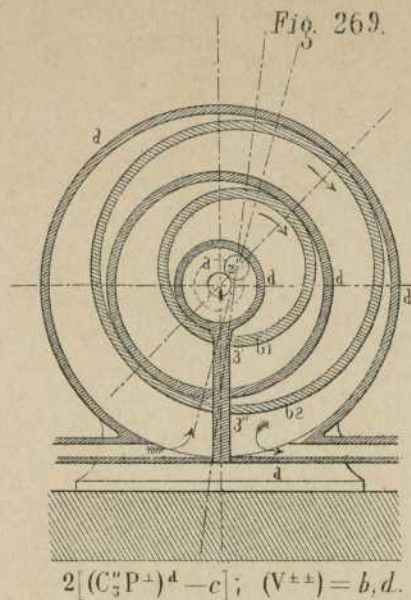
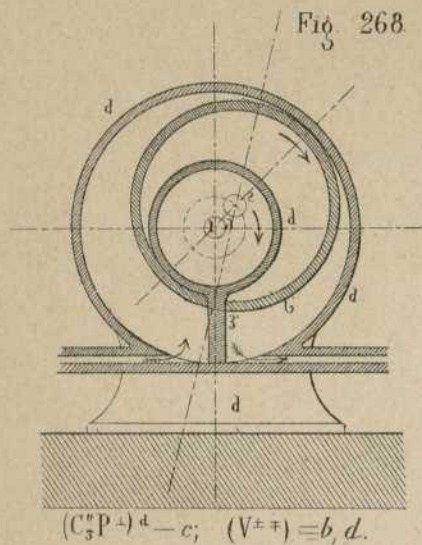
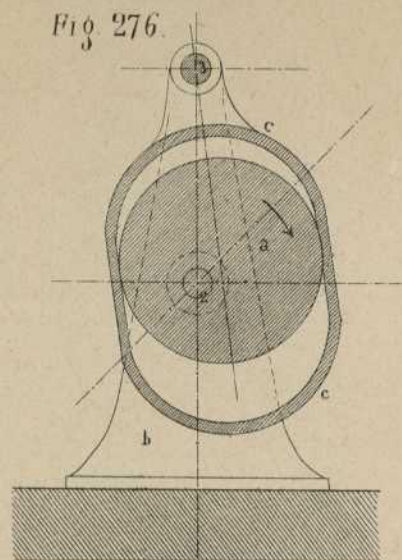
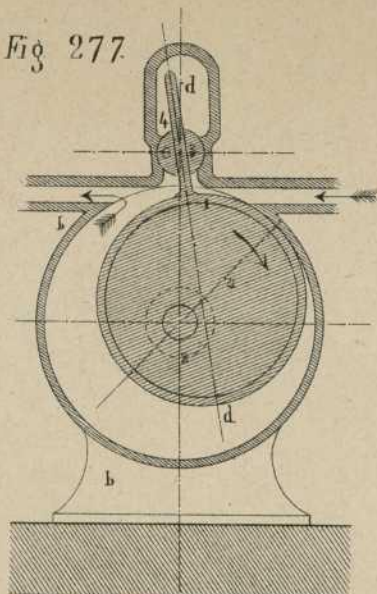


Fig 276.



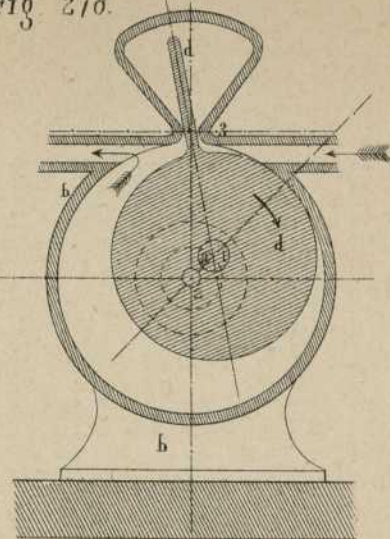
$(C_3^a P^+)^b - d; (V^+) = a, c.$

Fig 277.



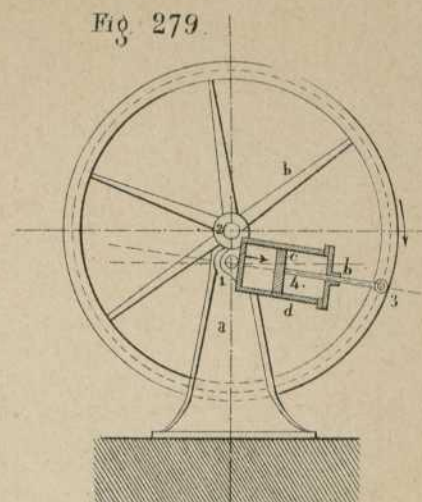
$(C_3^a P^+)^b; (V^+) = d, b.$

Fig 278.



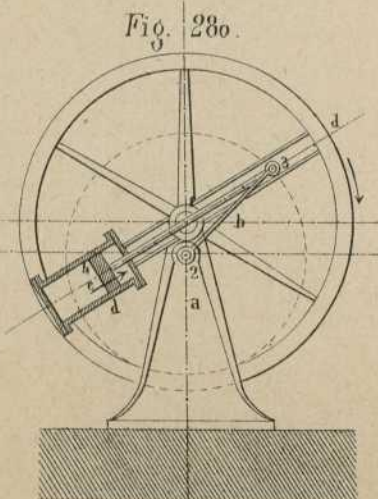
$(C_3^a P^+)^b - c; (V^+) = d, b.$

Fig 279.



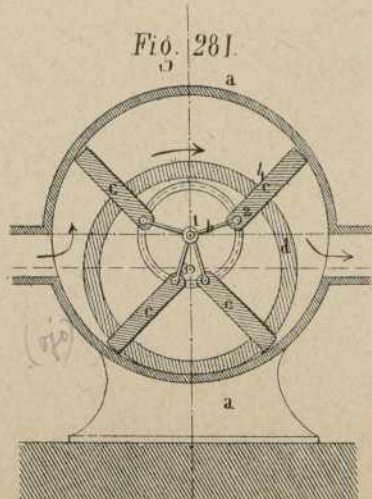
$(C_3^a P^+)^a; (V^+) = c, d.$

Fig 280.



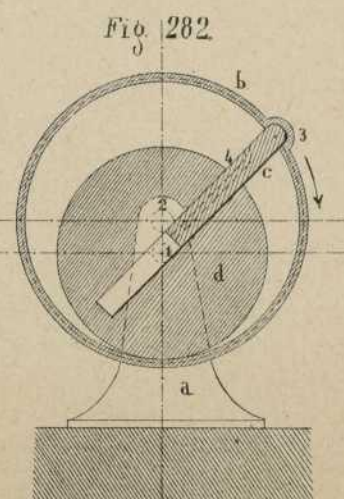
$(C_3^a P^+)^a; (V^+) = c, d.$

Fig 281.



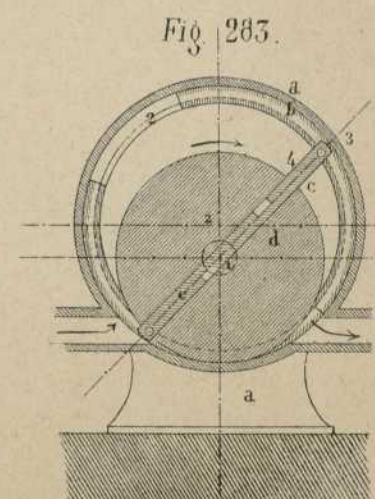
$4(C_3^a P^+)^a; (V^+) = c, a.$

Fig 282.



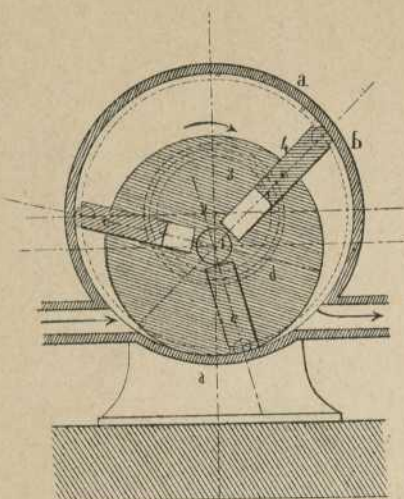
$(C_3^a P^+)^a; (V^+) = c, b.$

Fig 283.



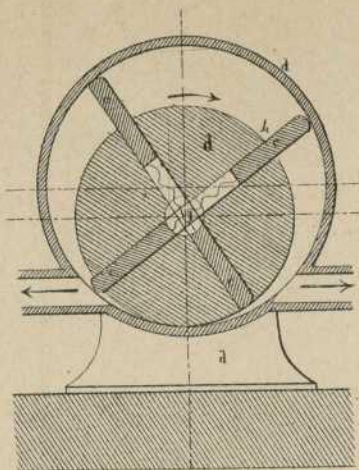
$2(C_3^a P^+)^a; (V^+) = c, a.$

Fig. 284.



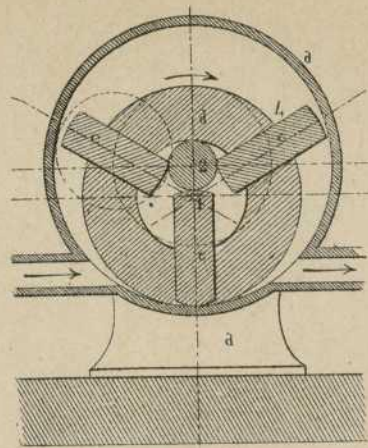
$$3(C_3''P^\perp)^a; (V^\pm) = c, a.$$

Fig. 285.



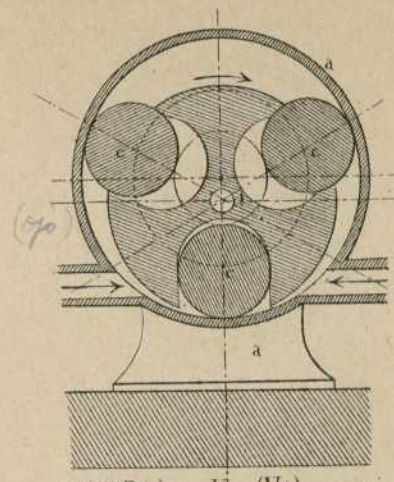
$$4[(C_3''P^\perp)^a - b - \frac{c}{2}]; (V^\pm) = c, a.$$

Fig. 286.



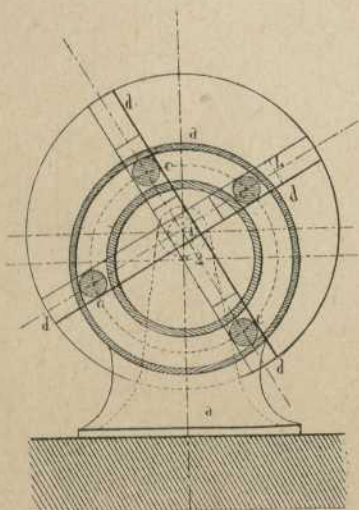
$$3[(C_3''P^\perp)^a - b]; (V^\pm) = c, a.$$

Fig. 287.



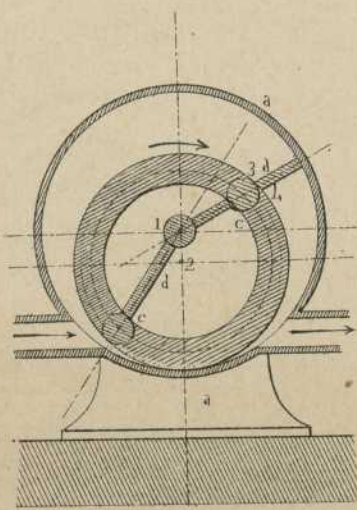
$$3[(C_3''P^\perp)^a - b]; (V^\pm) = c, a.$$

Fig. 288.



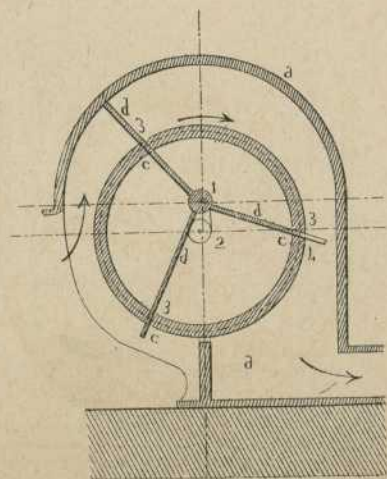
$$4[(C_3''P^\perp)^a - b]; (V^\pm) = c, a.$$

Fig. 289.



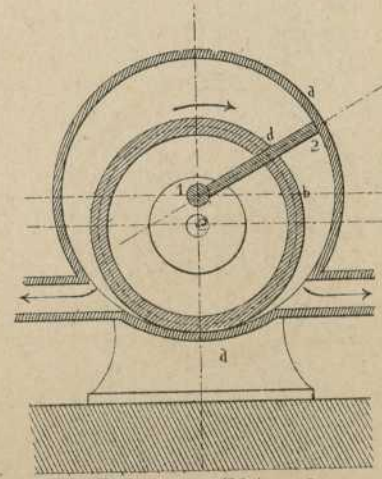
$$2(C_3''P^\perp)^a; (V^\pm) = d, a.$$

Fig. 290.



$$3(C_3''P^\perp)^a; (V^\pm) = d, a.$$

Fig. 291.

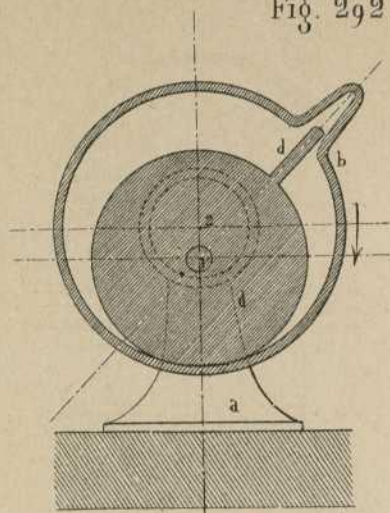


$$(C_3''P^\perp)^a - c; (V^\pm) = d, a.$$

A.R.

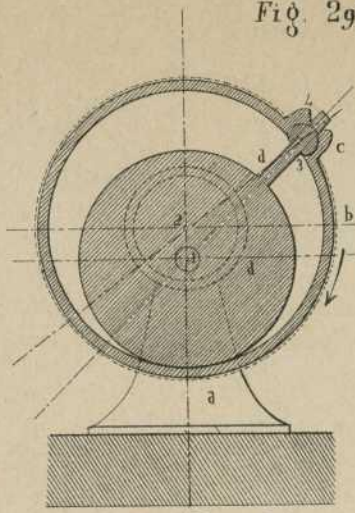
Nacento, editor.

Fig. 292.



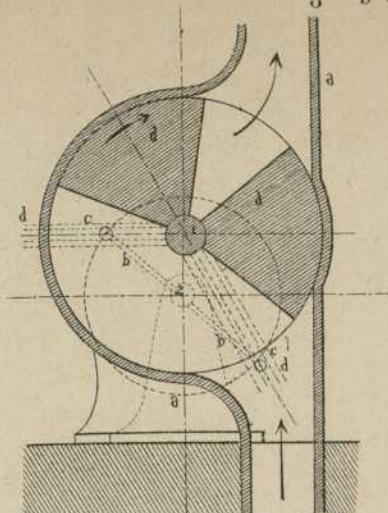
$$(C_3^+P^+)^a - c; (V^+) = d, b.$$

Fig. 293.



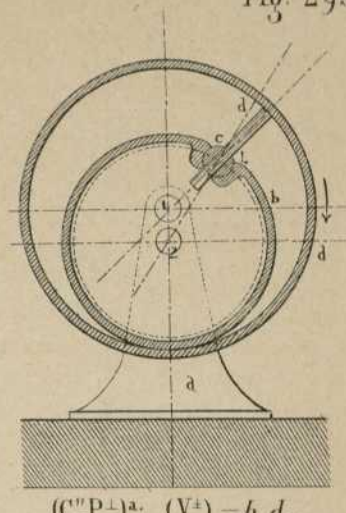
$$(C_3^+P^+)^a; (V^+) = d, b.$$

Fig. 294.



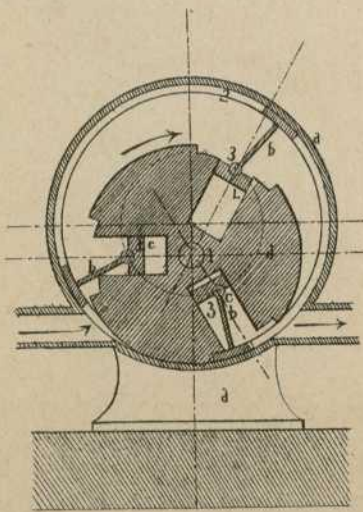
$$2(C_3^+P^-)^a; (V^+) = d, a.$$

Fig. 295.



$$(C_3^+P^+)^a; (V^+) = b, d.$$

Fig. 296.



$$3(C_3^+P^+)^a; (V^+) = b, a.$$

Fig. 297.

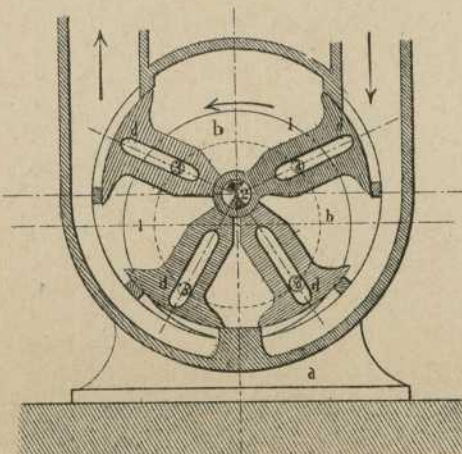


Fig. 298.

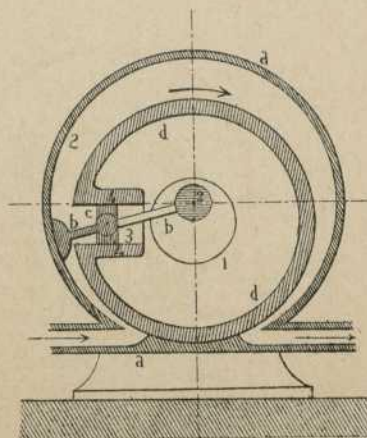
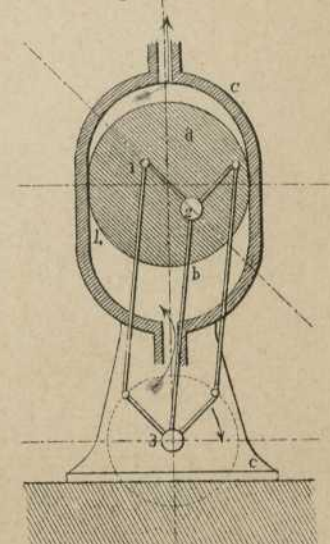


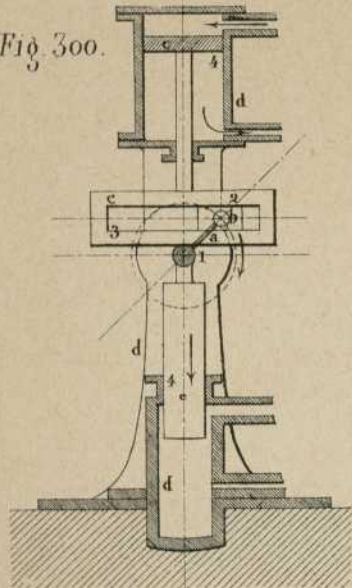
Fig. 299.



$$(C_3^+P^+)^c - d + (C_4^+); (V^-) = a, c.$$

J. G.

Fig. 300.



$(C_2^{\prime\prime} P_2^{\pm})^d; (V^{\pm})=c, d,$

Fig. 301.

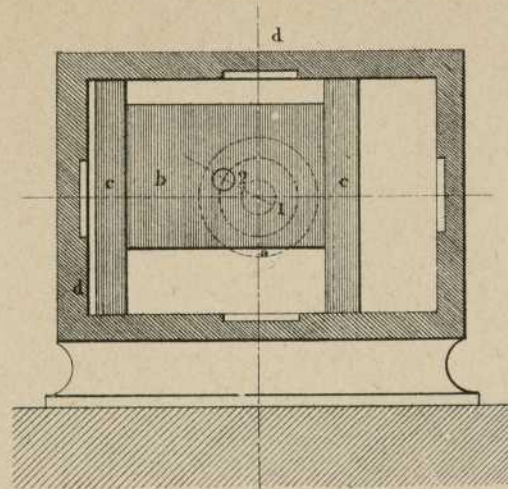
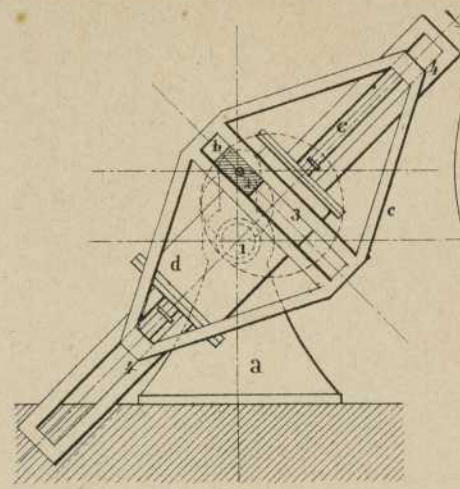
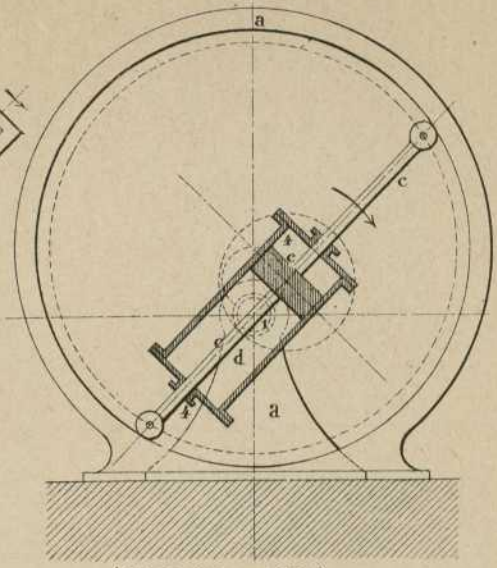


Fig. 302.



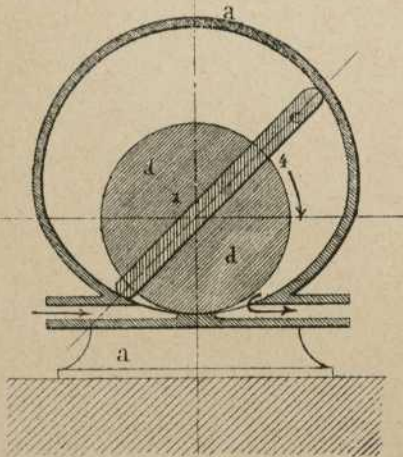
$(C_2^{\prime\prime} P_2^{\pm})^a; (V^{\pm})=c, d.$

Fig. 303.



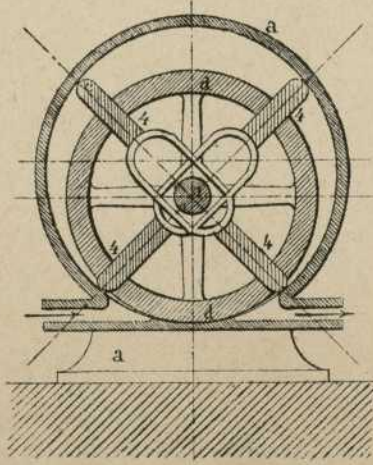
$(C_2^{\prime\prime} P_2^{\pm})^a-b; (V^{\pm})=c, d.$

Fig. 304.



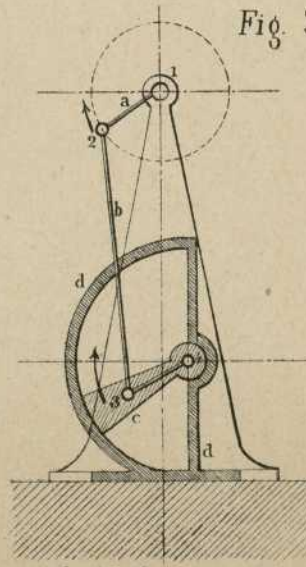
$\Phi. (C_2^{\prime\prime} P_2^{\pm})^a-b; (V^{\pm})=c, a.$

Fig. 305.



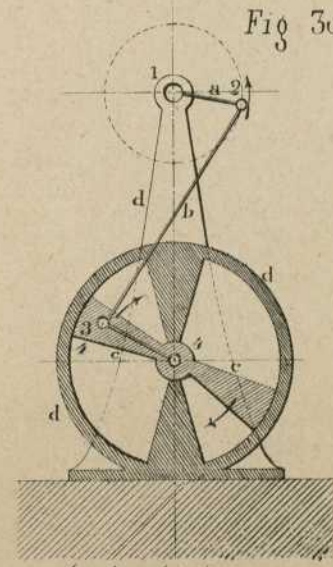
$2 (C_2^{\prime\prime} P_2^{\pm})^a-b; (V^{\pm})=c, a.$

Fig. 306.



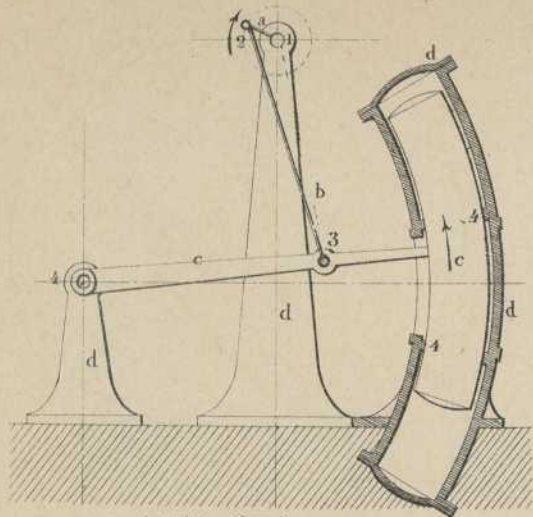
$(C_2^{\prime\prime})^d; (V^{\pm})=c, d.$

Fig. 307.



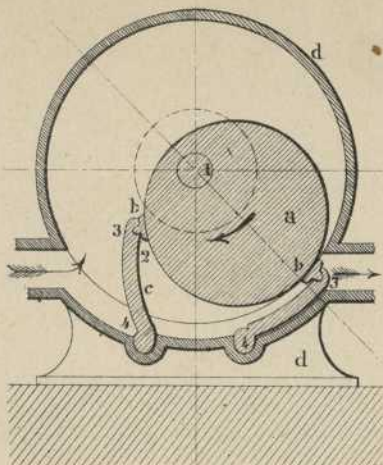
$(C_2^{\prime\prime})^d; (V^{\pm})=c, d.$

Fig. 308.



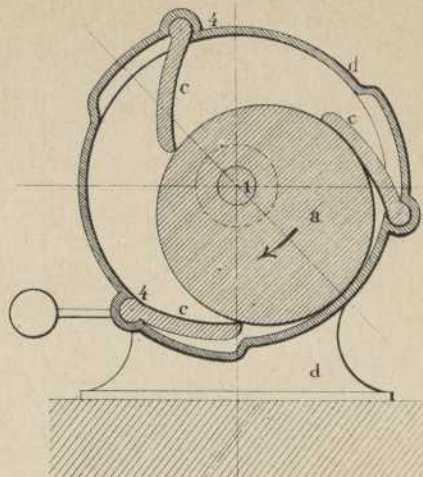
$$(C_2'')^d; (V^+) = c, d.$$

Fig. 309.



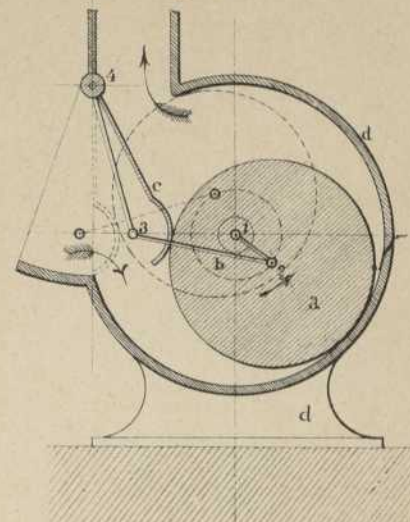
$$2 [(C_2'')^d - \frac{b}{2}]; (V^+) = a, d.$$

Fig. 310.



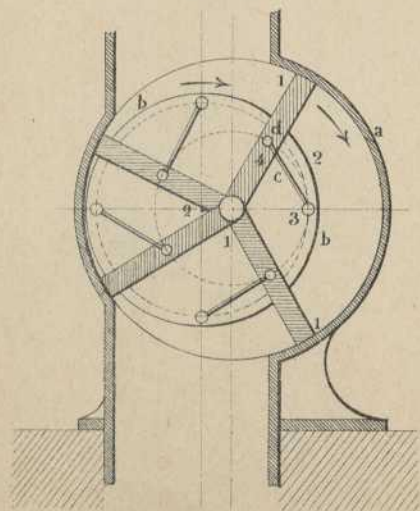
$$3 [(C_2'')^d - b - \frac{c}{2}]; (V^+) = a, d.$$

Fig. 311.



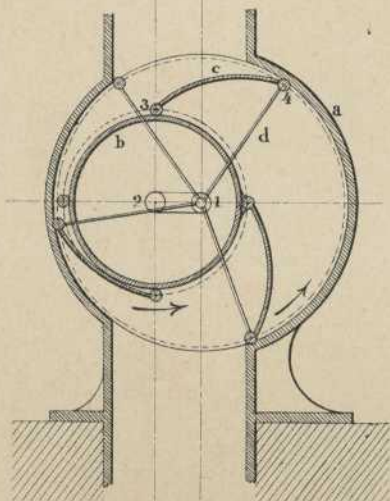
$$(C_2'')^d; (V^+) = a, d.$$

Fig. 312.



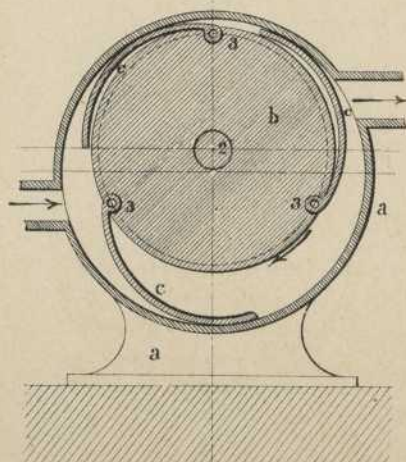
$$4 (C_2'')^a; (V^+) = c, a.$$

Fig. 313.



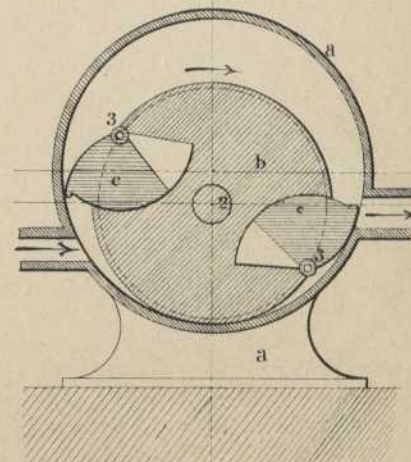
$$4 (C_2'')^a; (V^+) = c, a.$$

Fig. 314.



$$3 [(C_2'')^a - d - \frac{c}{2}]; (V^+) = c, a.$$

Fig. 315.



$$2 [(C_2'')^a - d - \frac{c}{2}]; (V^+) = c, a.$$

Q.

Fig. 316.

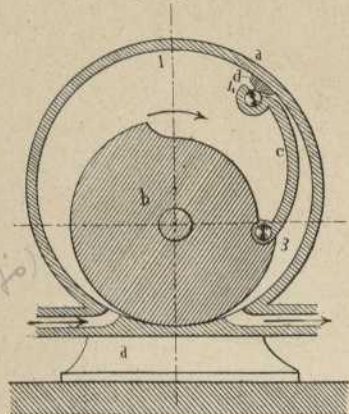
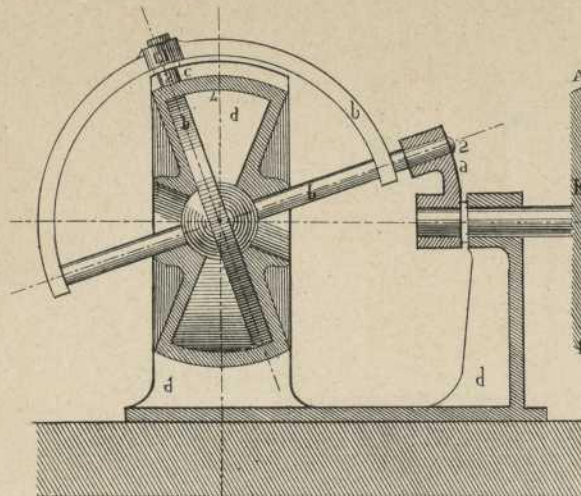
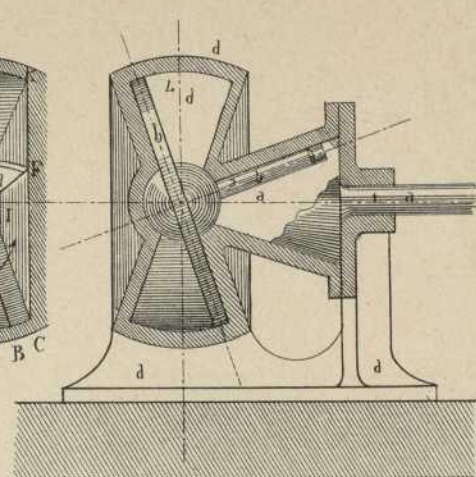


Fig. 317.



$(C\frac{1}{3}C^{\angle})^d; (V^{\pm})=b,d.$

Fig. 318.



$(C\frac{1}{3}C^{\angle})^d; (V^{\pm})=b,d.$

Fig. 319.

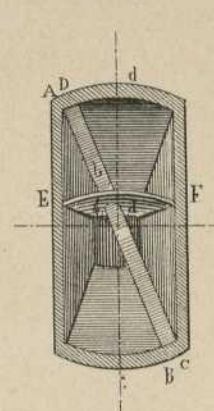
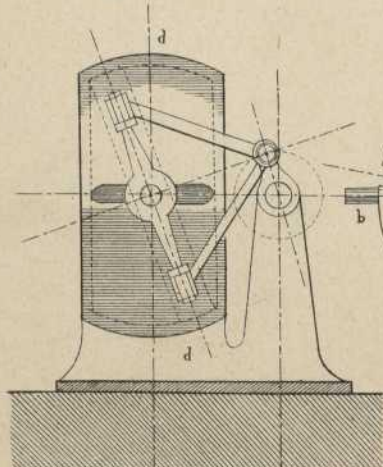
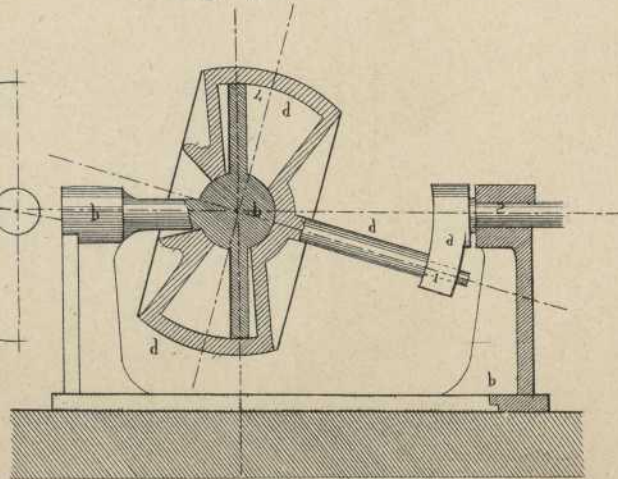


Fig. 320.



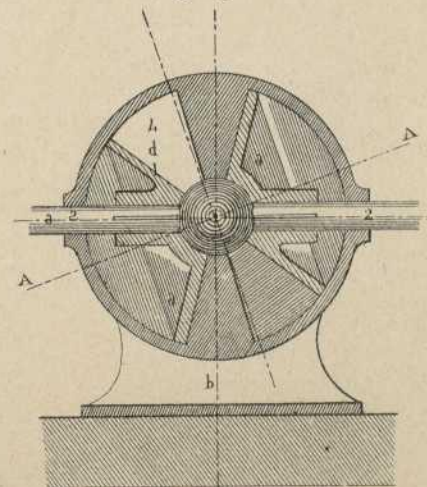
$(C\frac{1}{3}C^{\angle})^d - c - a + (C_2G); (V^{\pm})=b,d$

Fig. 321.



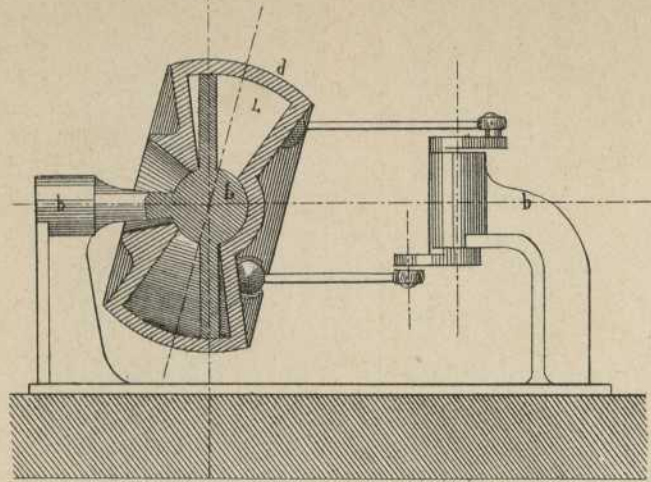
$(C\frac{1}{3}C^{\angle})^b; (V^{\pm})=b,d.$

Fig. 322.



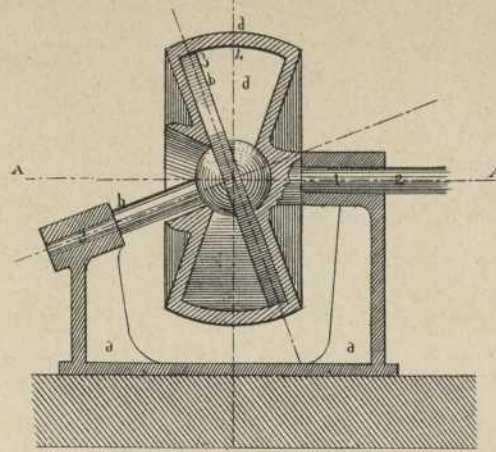
$(C\frac{1}{3}C^{\angle})^b; (V^{\pm})=a,b$

Fig. 323.



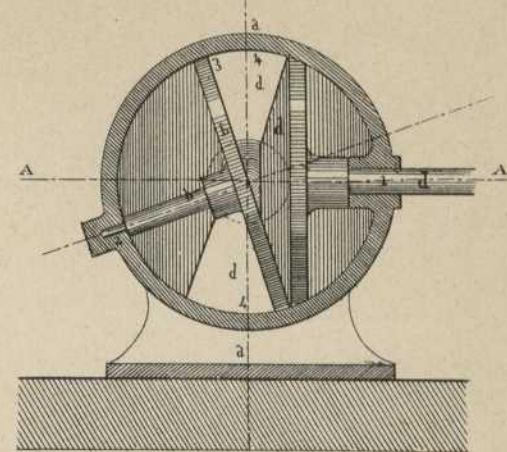
$$(C\frac{1}{3}C\angle)^b - a + (CG_4) (V^\pm) = b, d.$$

Fig. 324.



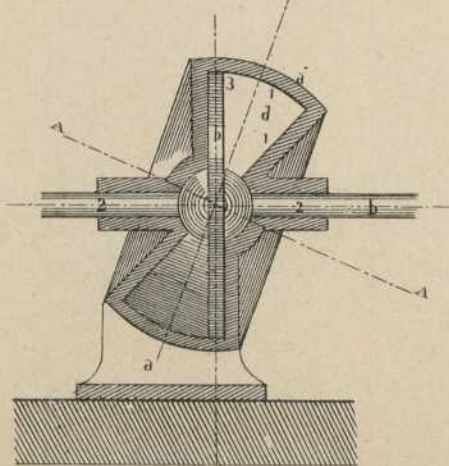
$$(C\frac{1}{3}C\angle)^a; (V^\pm) = b, d.$$

Fig. 325.



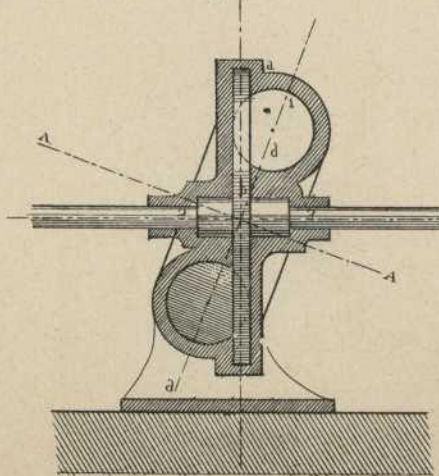
$$(C\frac{1}{3}C\angle)^a; (V^\pm) = d, a.$$

Fig. 326.



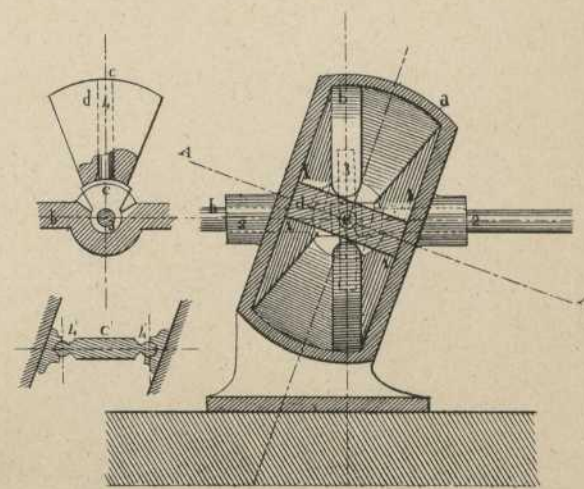
$$(C\frac{1}{3}C\angle)^a; (V^\pm) = d, a.$$

Fig. 327.



$$(C\frac{1}{3}C\angle)^a; (V^\pm) = d, a.$$

Fig. 328.



$$(C\frac{1}{3}C\angle)^a; (V^\pm) = d, a.$$

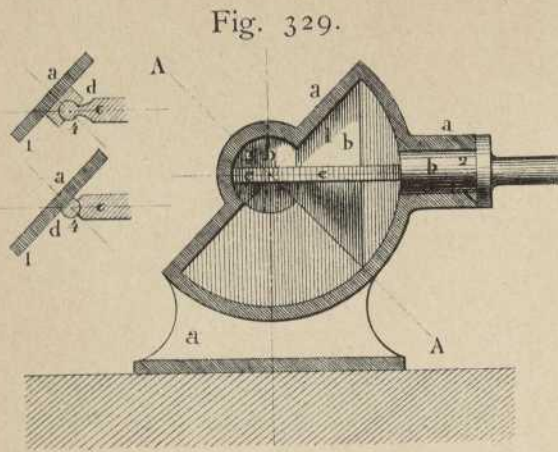


Fig. 329.

$$(C_3 C_4)^a - d : (V^\pm) = c, a.$$

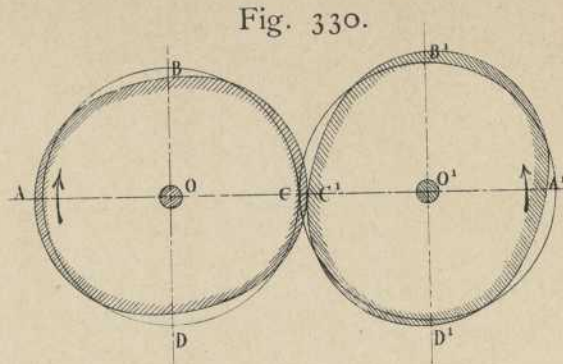


Fig. 330.

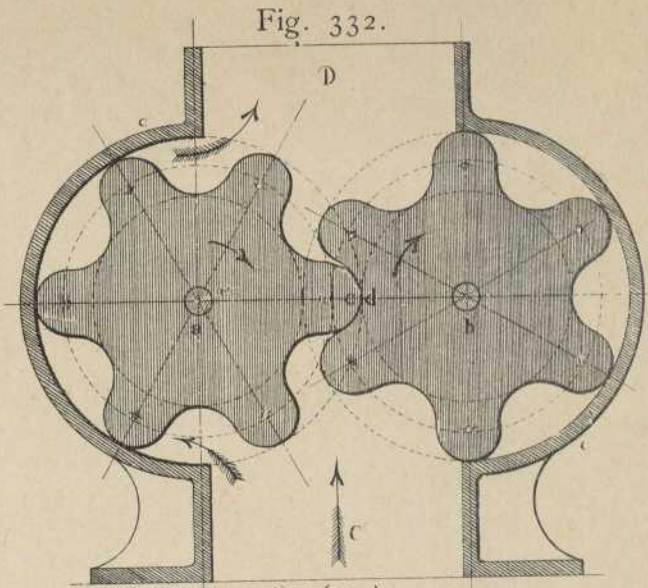


Fig. 332.

$$(C_2 C_2')^c : (V^-) = ab, c.$$

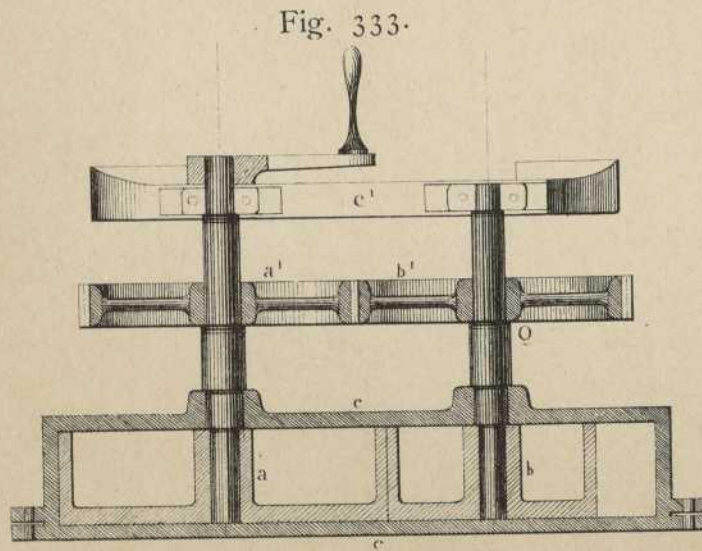


Fig. 333.

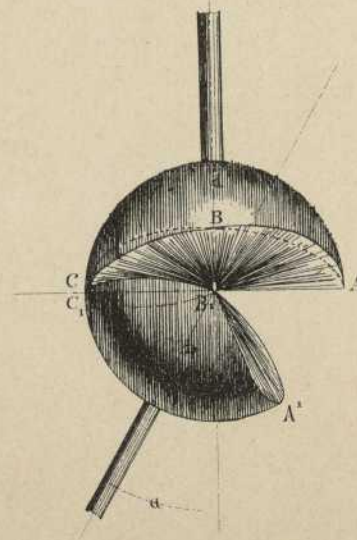


Fig. 331.

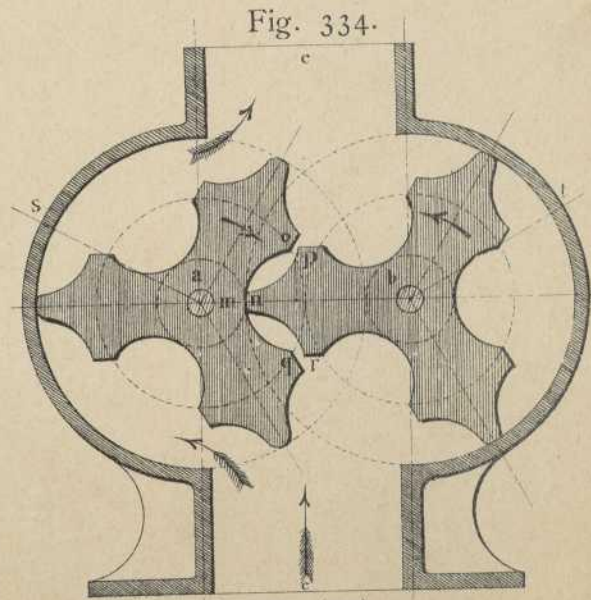
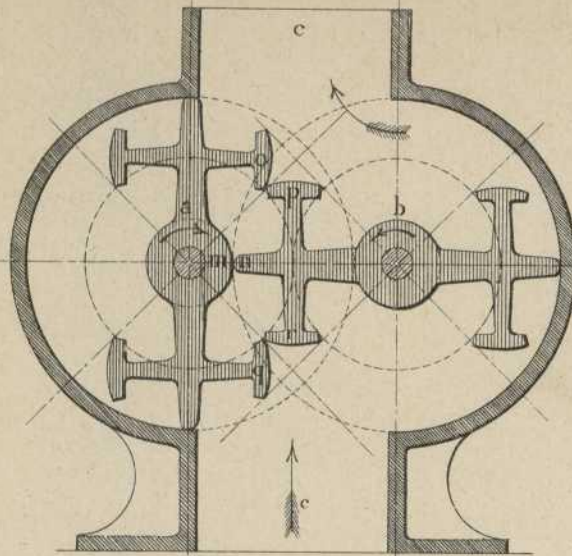


Fig. 334.

$$(C_2 C_2'')^c : (V^-) = ab, c.$$

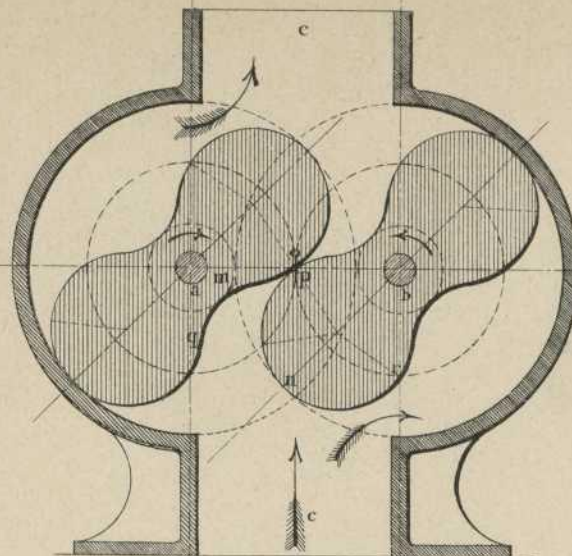
4]

Fig. 335.



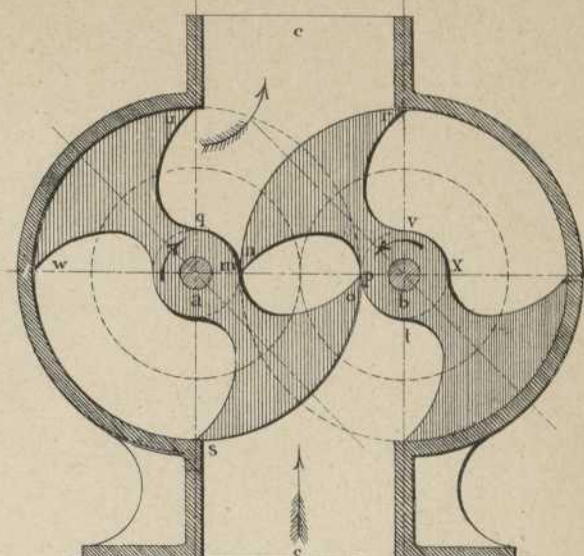
$(C_z C_z^2)^c; (V^\pm) = ab, c.$

Fig. 336.



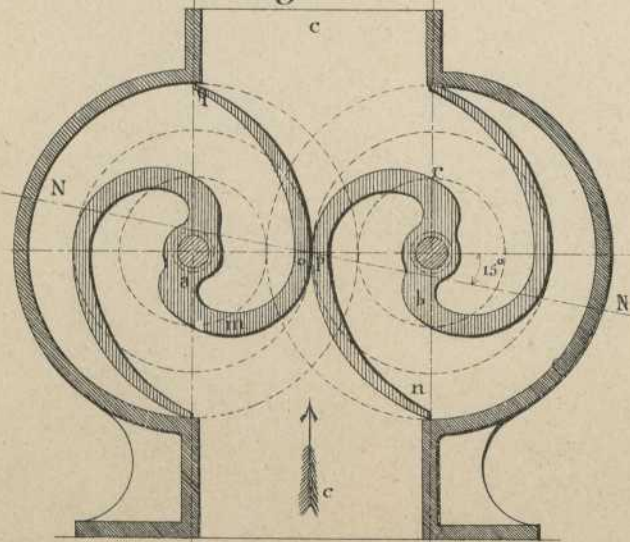
$(C_z C_z^2)^c; (V^\pm) = ab, c.$

Fig. 337.



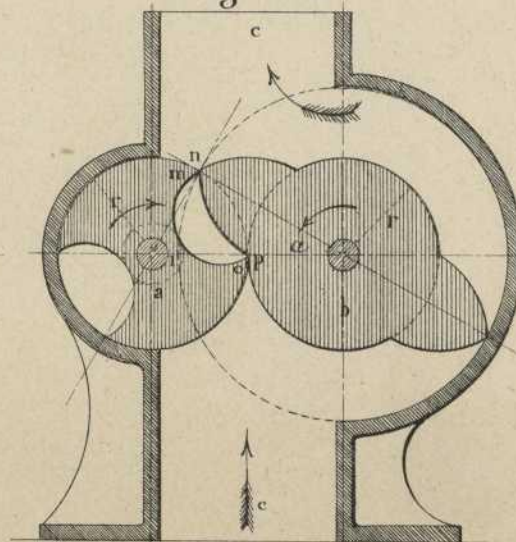
$(C_z C_z^2)^c; (V^\pm) = ab, c.$

Fig. 338.



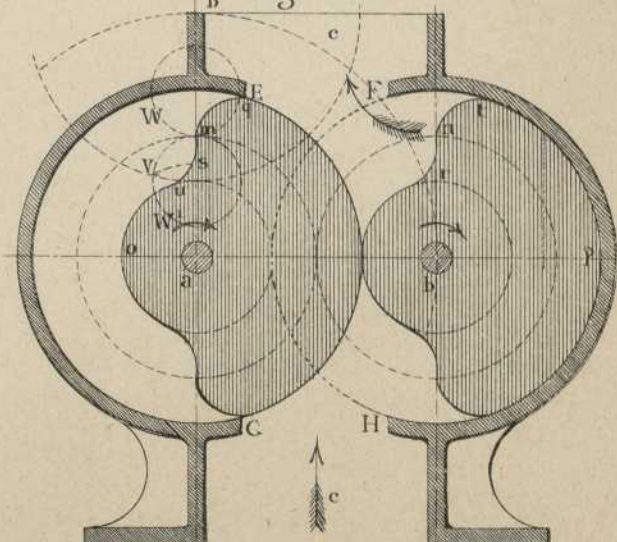
$(C_z C_z^2)^c; (V^\pm) = ab, c.$

Fig. 339.



$(C_z C_z^2)^c; (V^\pm) = ab, c.$

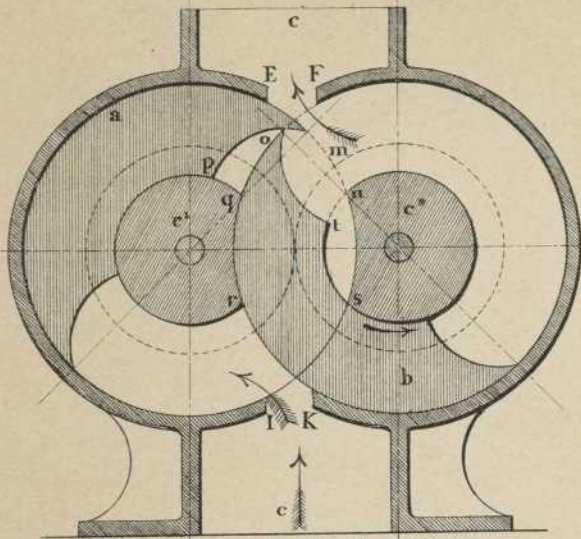
B' Fig. 340.



$(C_z C_z^2)^c; (V^\pm) = b, c.$

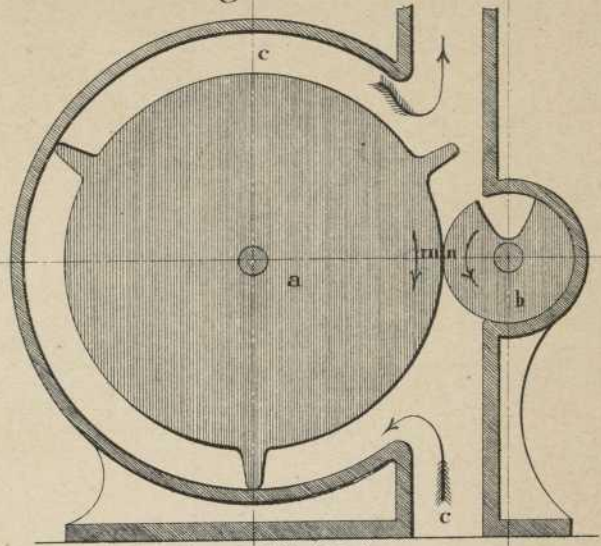
⊕

Fig. 341.



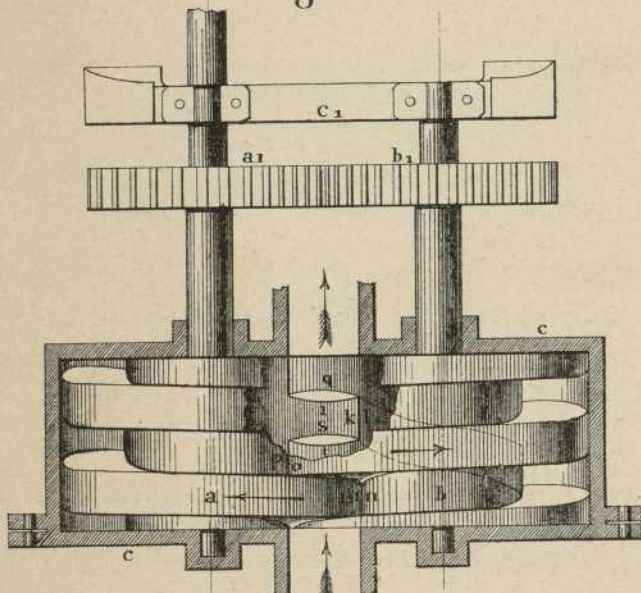
$(C_z C_z'')^c; (V^\pm) = abc.$

Fig. 342.



$(C_z C_z'')^c; (V^\pm) = a,c.$

Fig. 343.



$(C_a^+ C_b'')^c; (V^\pm) = abc.$

Fig. 344.

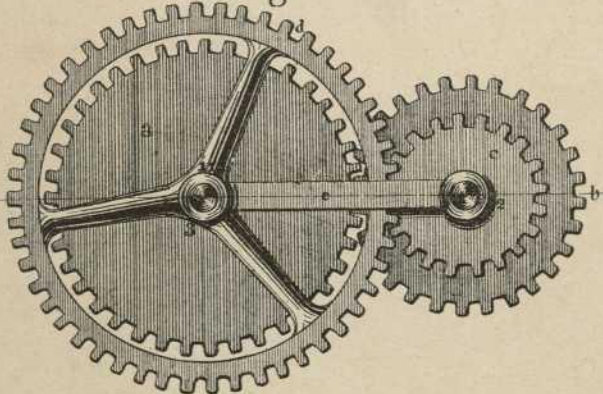
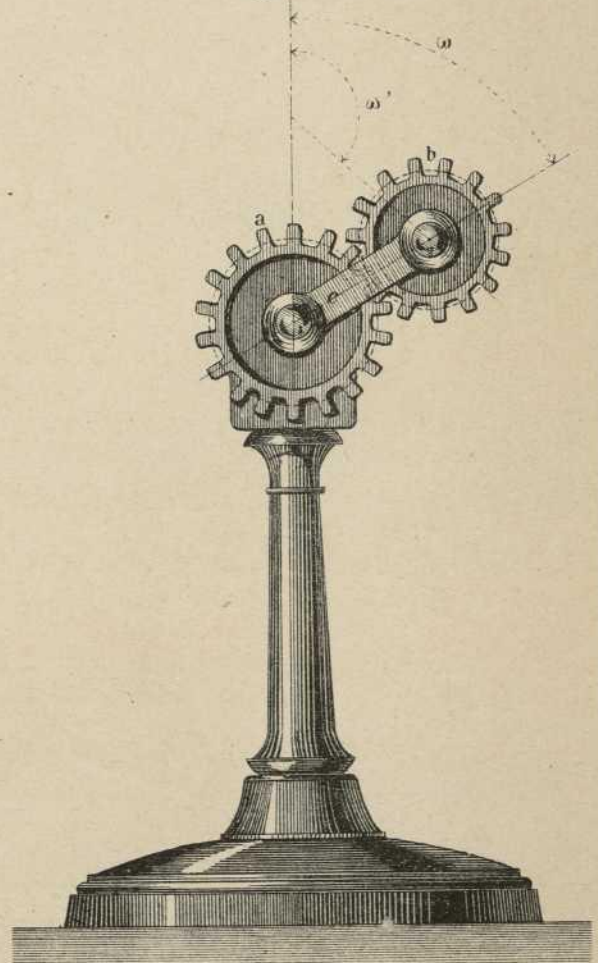
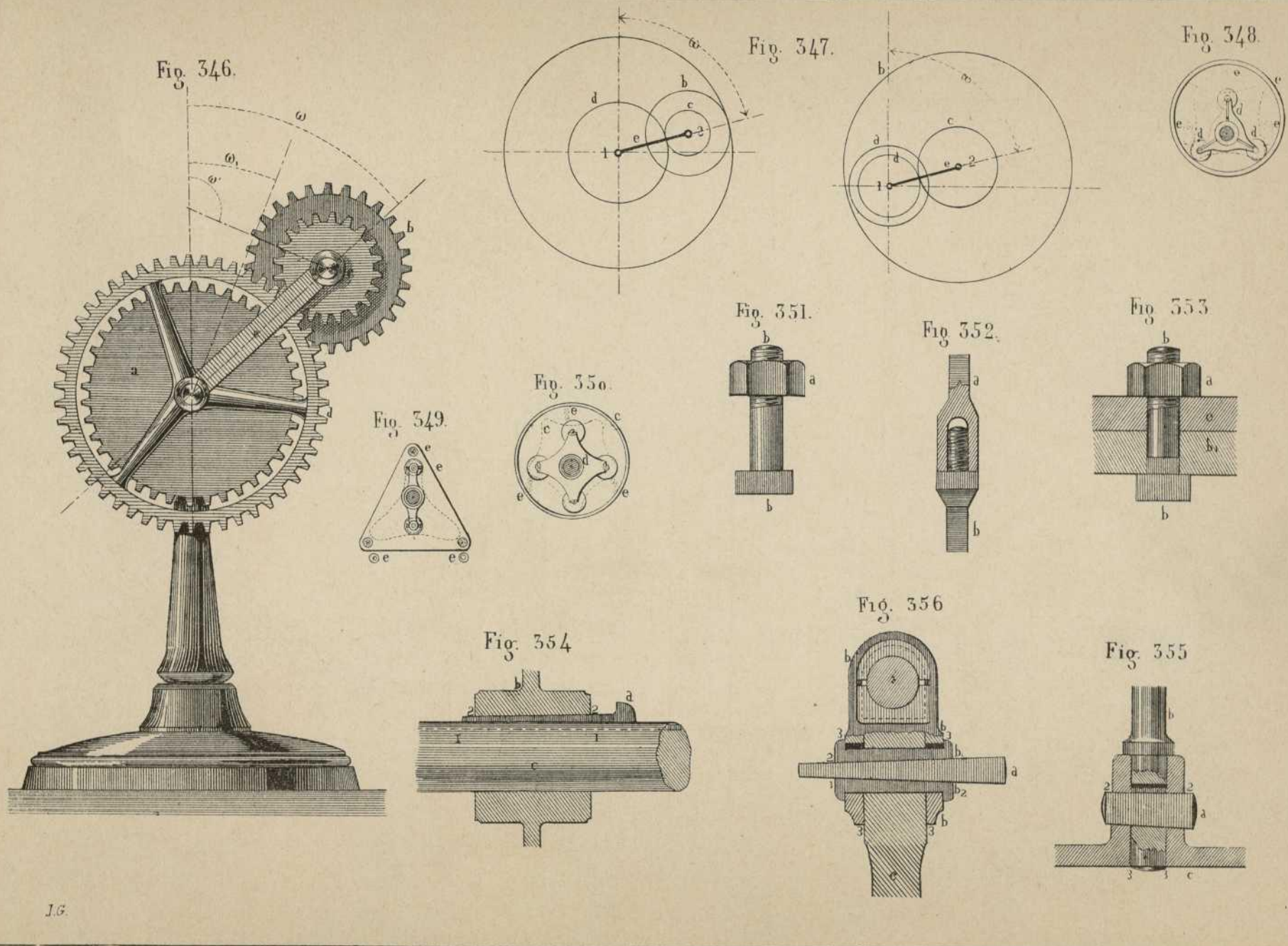


Fig. 345.





J.G.

Fig. 357

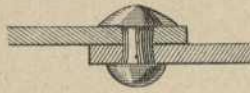


Fig. 358

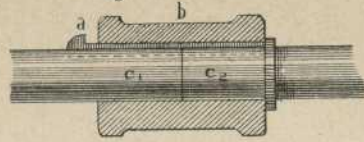


Fig. 360

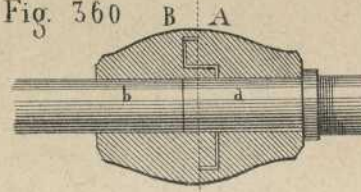


Fig. 359

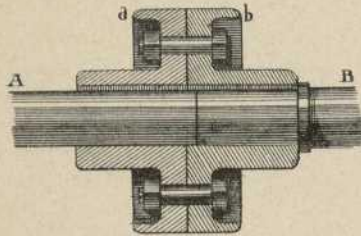


Fig. 364

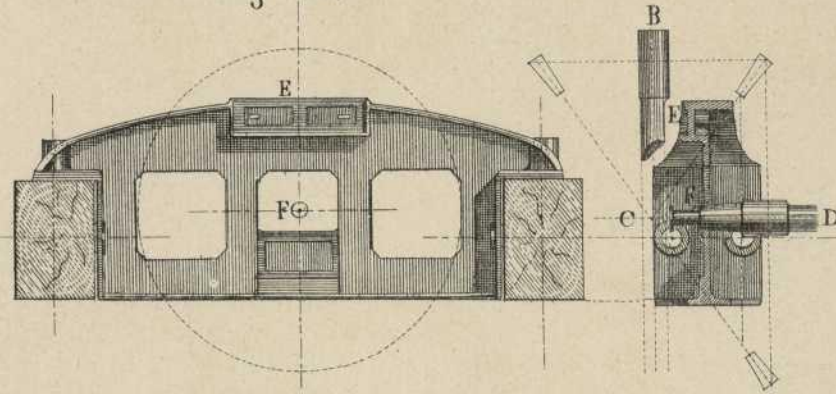


Fig. 365

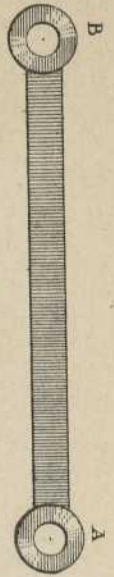


Fig. 362

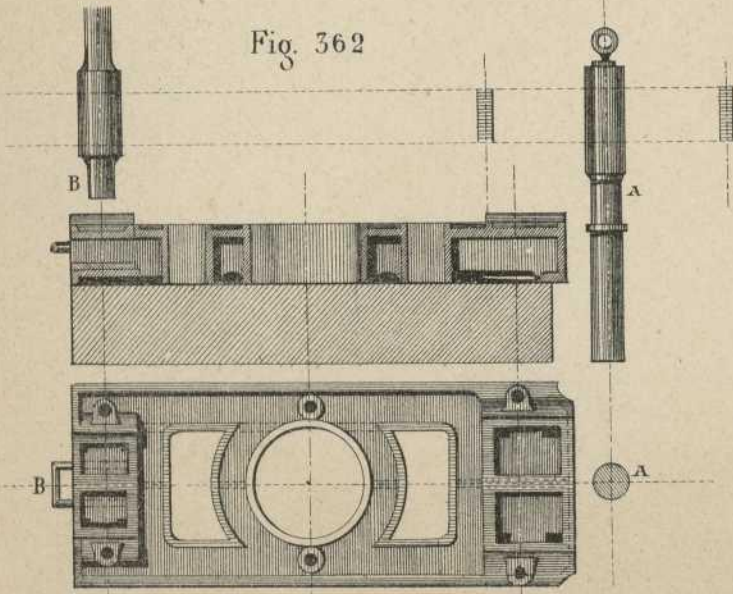


Fig. 361

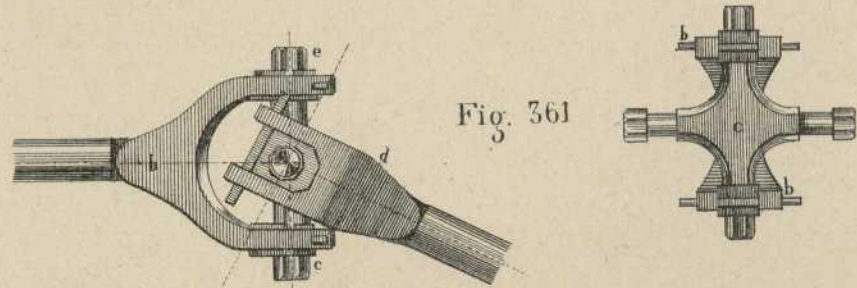


Fig. 365



Fig. 366

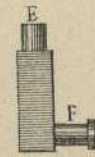
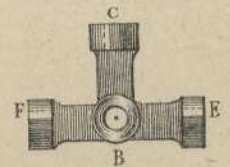


Fig. 367



J.G.

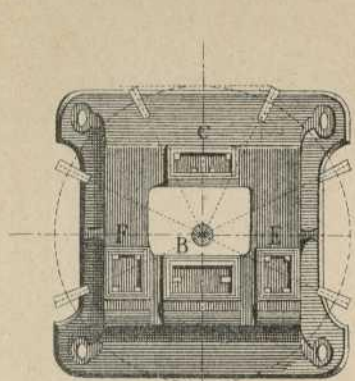


Fig. 368.

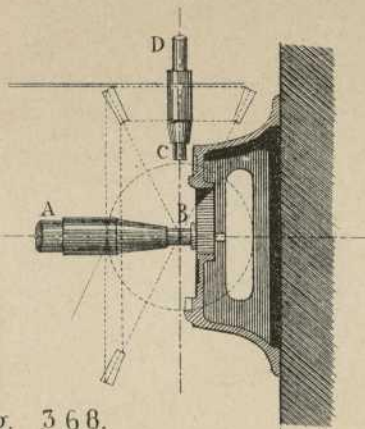


Fig. 369.

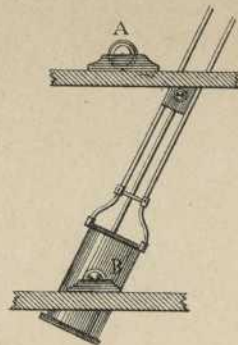


Fig. 370.

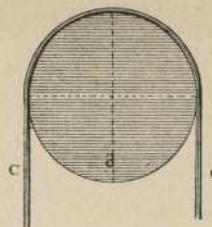


Fig. 375.

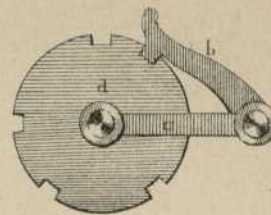


Fig. 379.

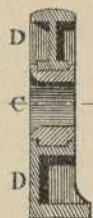
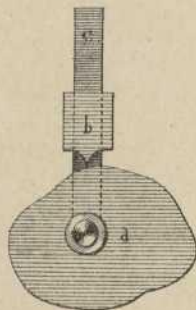


Fig. 371.

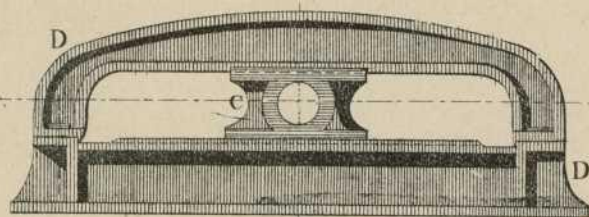


Fig. 572.

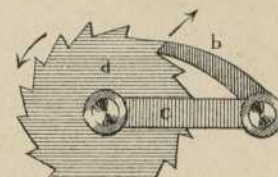


Fig. 373.

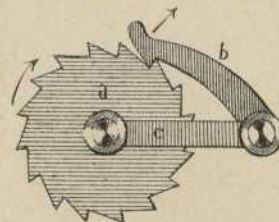


Fig. 374.

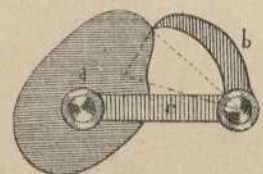
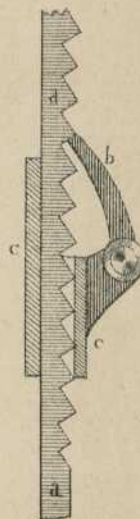


Fig. 378.

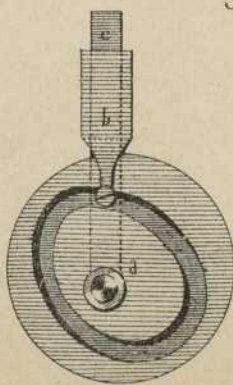


Fig. 380.

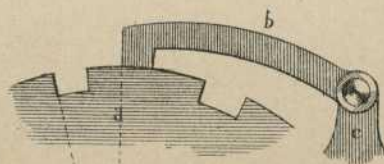


Fig. 376.

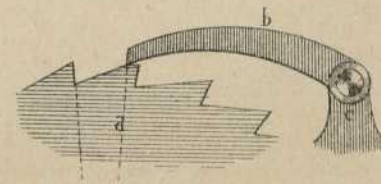


Fig. 377.

A.R.

Fig. 381.

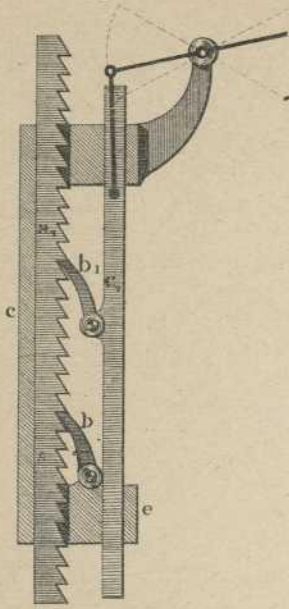


Fig. 382.

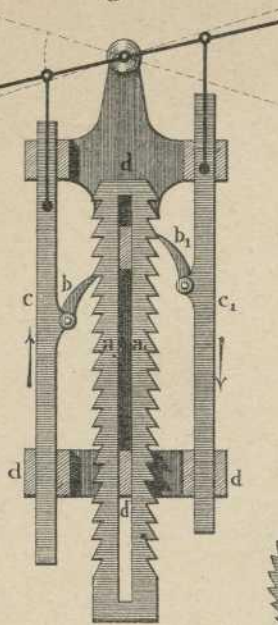


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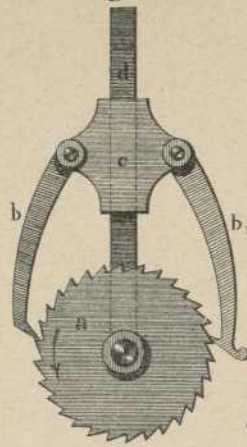


Fig. 384.

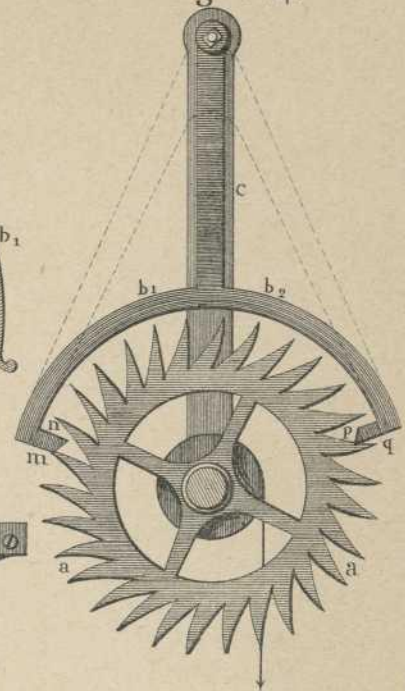


Fig. 385.

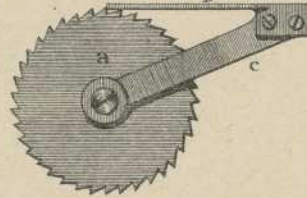


Fig. 389.

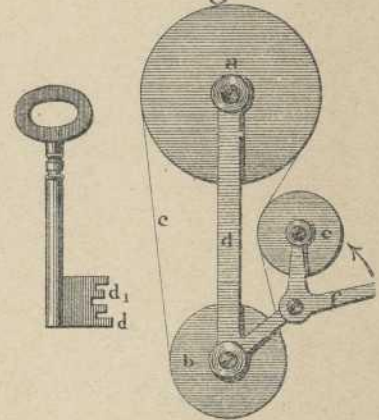


Fig. 386.

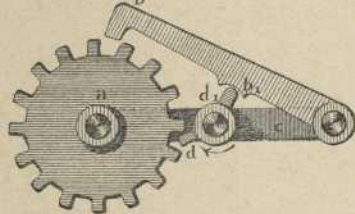


Fig. 387.

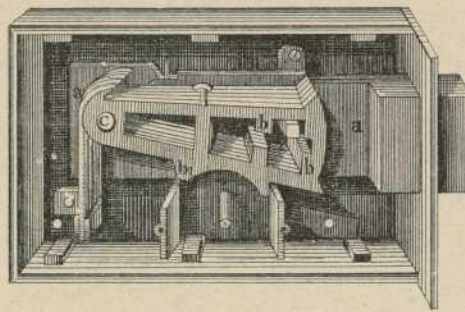


Fig. 388.

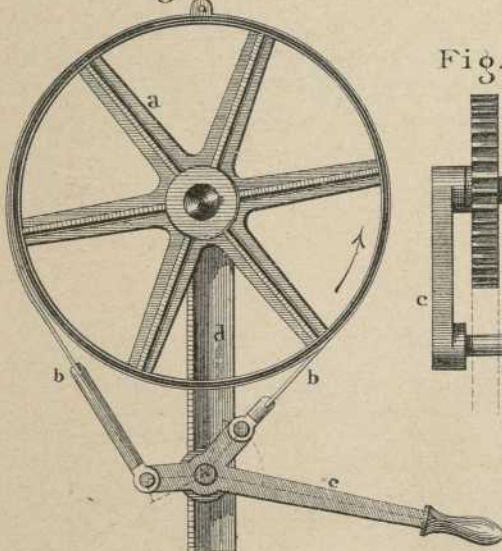


Fig. 390.

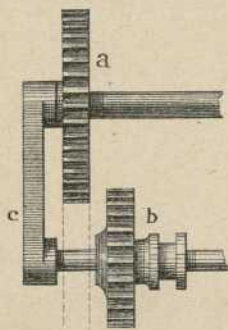


Fig. 391.

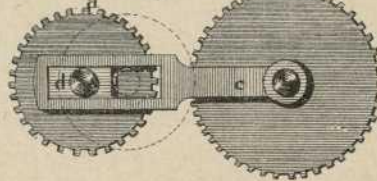


Fig. 394.

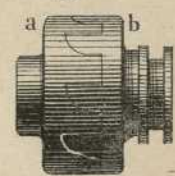


Fig. 392.

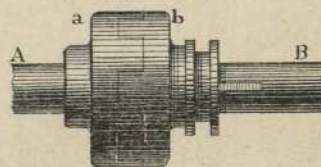
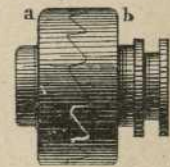


Fig. 393.



Ⓕ.

Fig. 395.

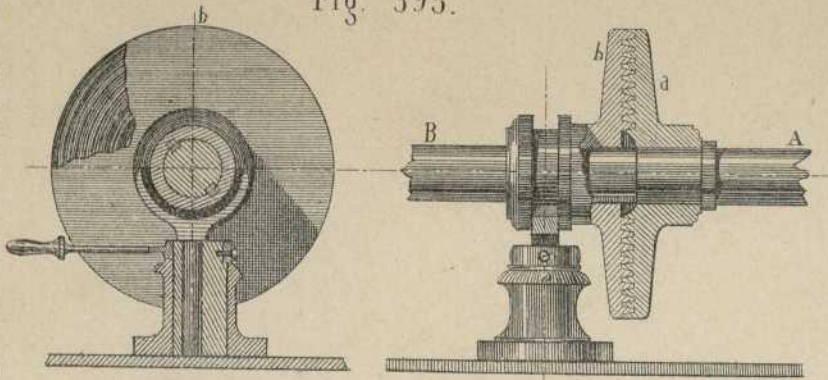


Fig. 396.

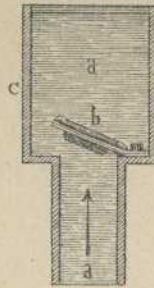


Fig. 397.

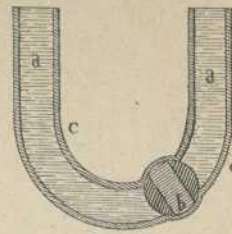


Fig. 398.

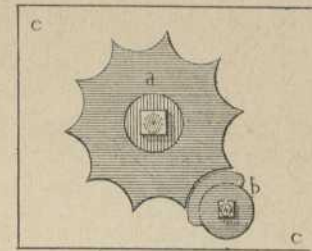


Fig. 404.

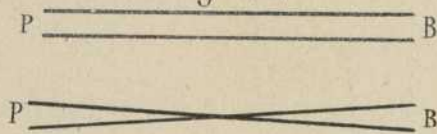


Fig. 400.

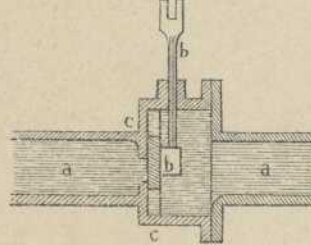


Fig. 399.

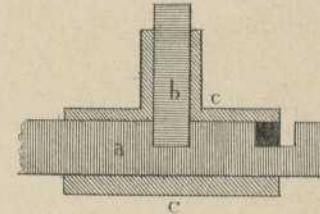


Fig. 401.

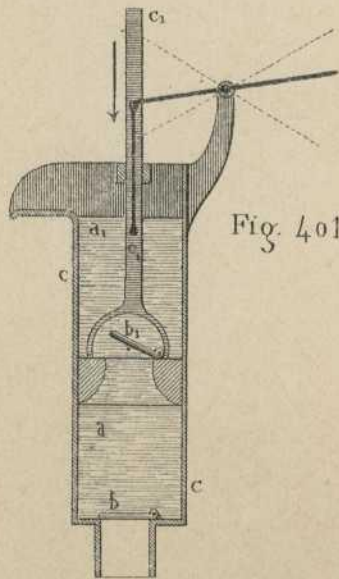


Fig. 402.

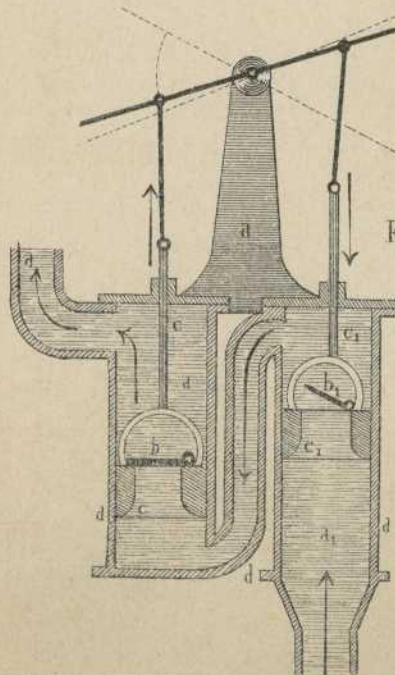


Fig. 403.

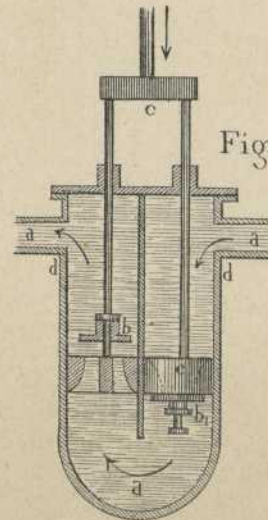


Fig. 405.

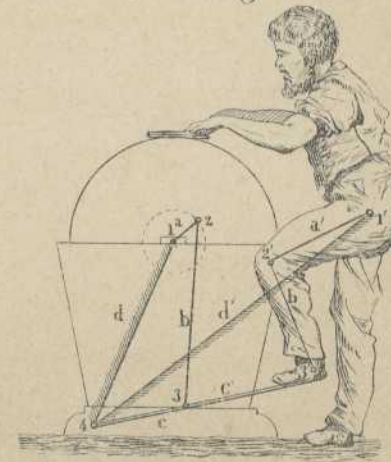


Fig. 406.



Fig. 407.

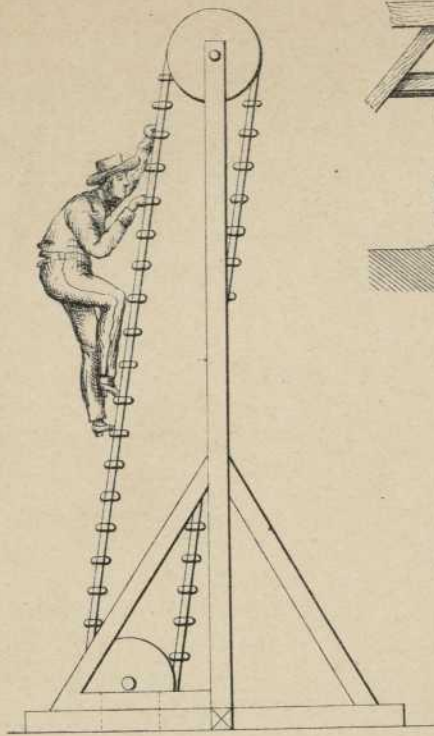


Fig. 408.

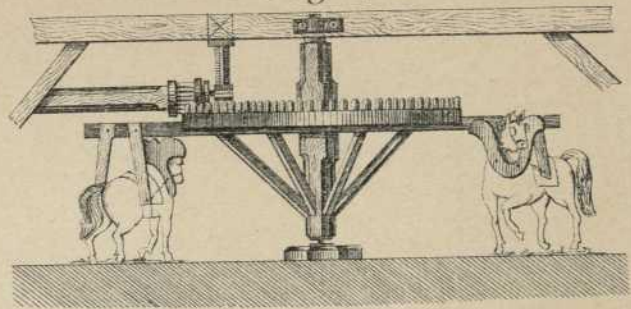


Fig. 409.

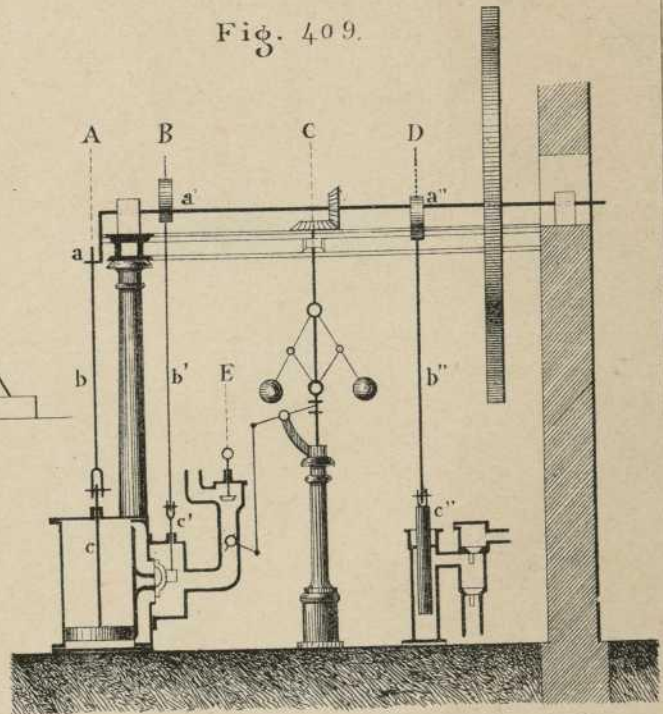


Fig. 411.

Fig. 410.

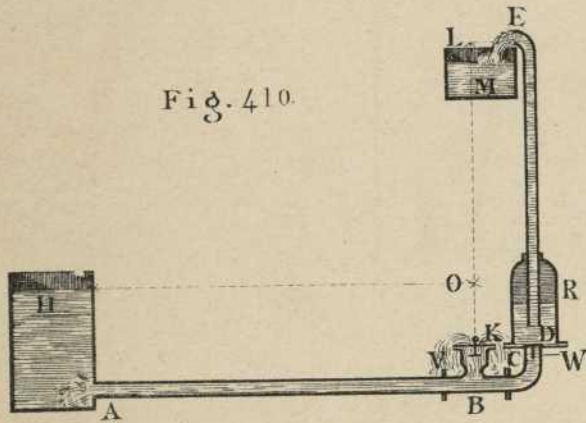
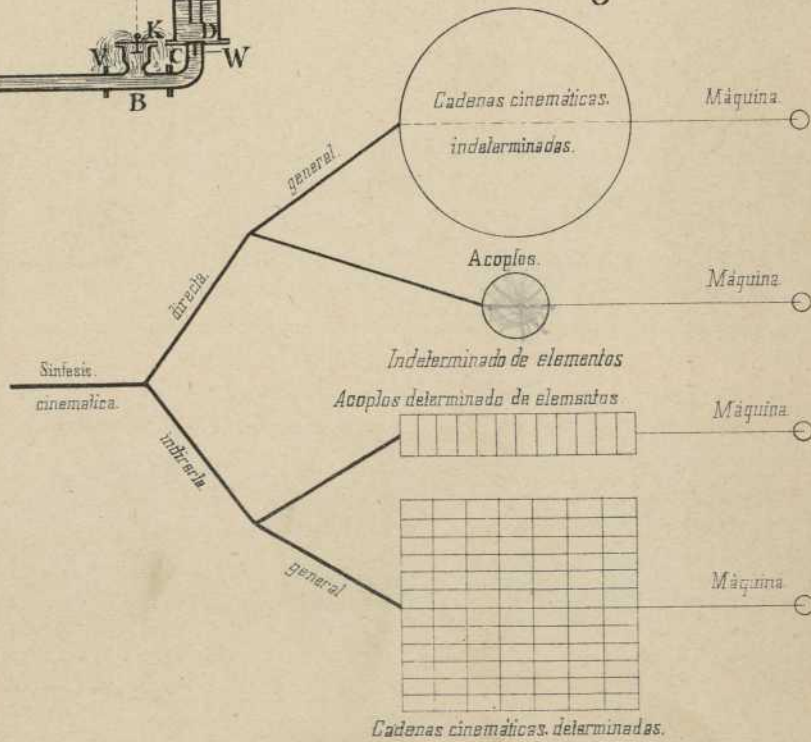
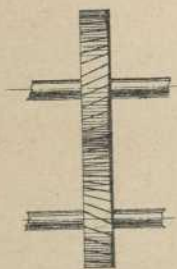


Fig. 412.



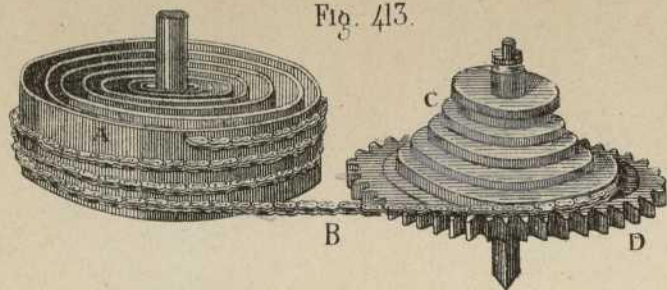


Fig. 413.

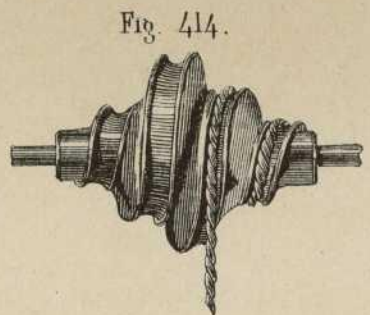


Fig. 414.

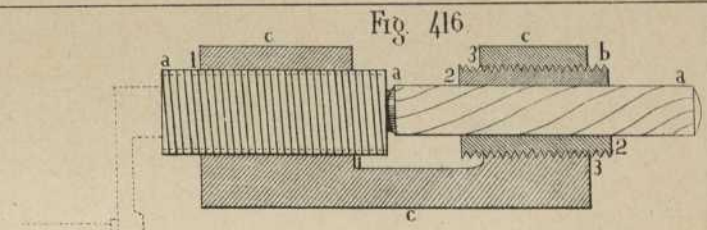


Fig. 416.

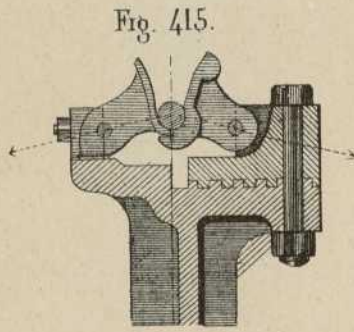


Fig. 415.

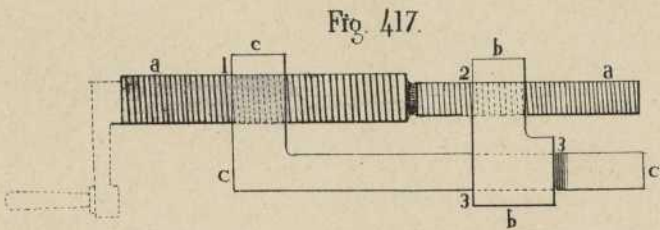


Fig. 417.

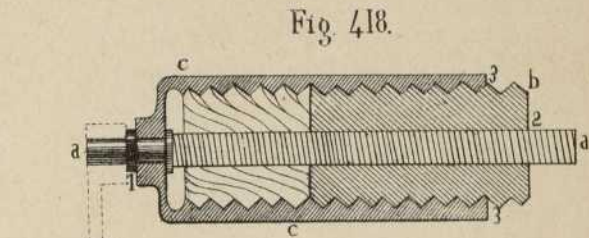


Fig. 418.

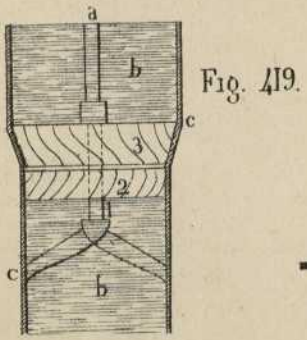


Fig. 419.

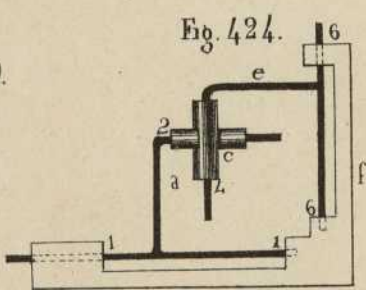


Fig. 424.

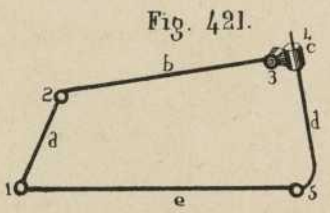


Fig. 421.

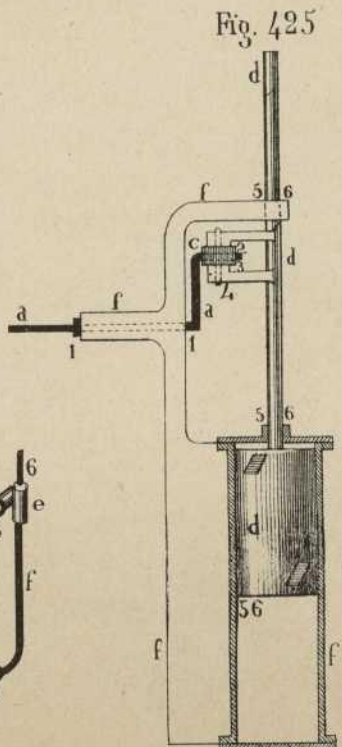


Fig. 425.

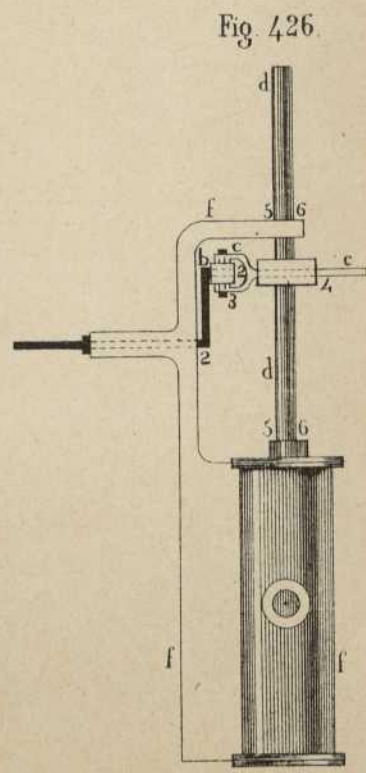


Fig. 426.

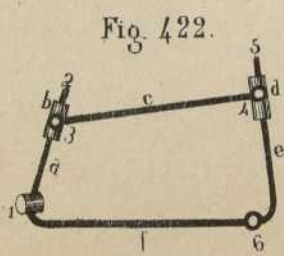


Fig. 422.

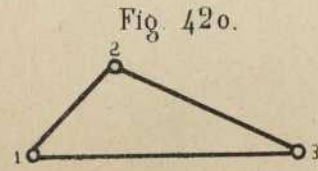


Fig. 420.

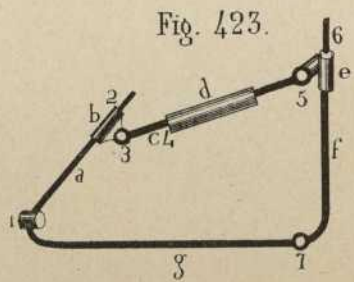


Fig. 423.

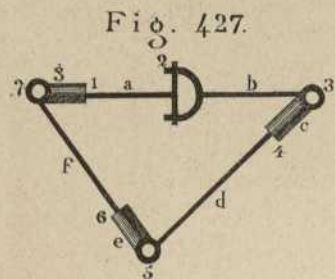


Fig. 427.

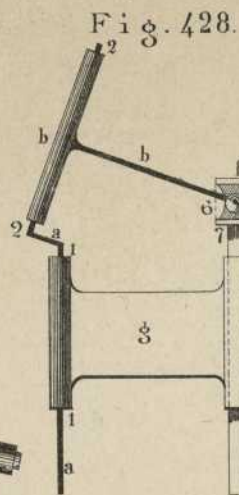


Fig. 428.

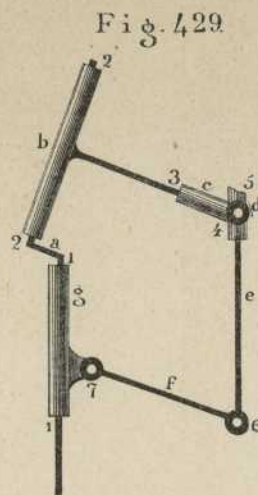


Fig. 429.

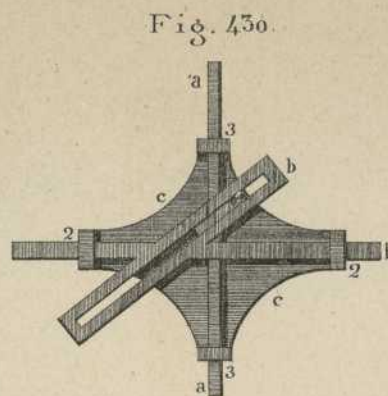


Fig. 430.

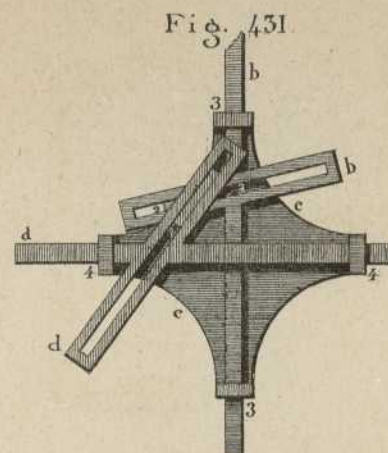


Fig. 431.

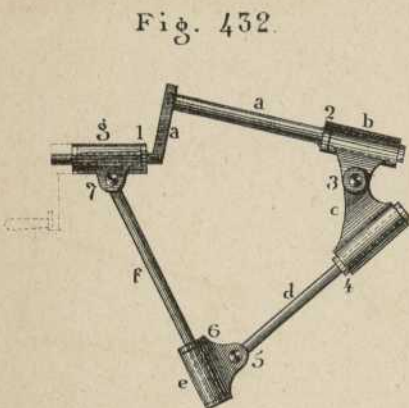


Fig. 432.

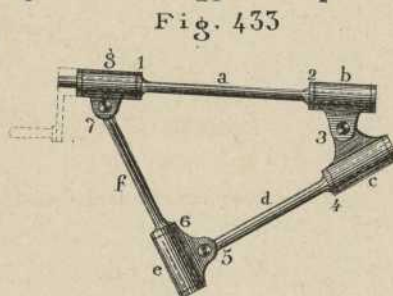


Fig. 433.

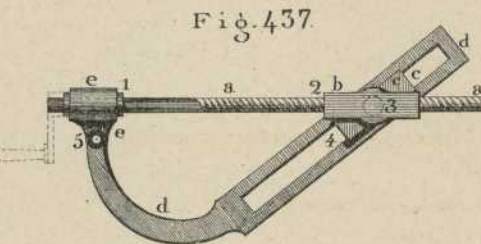


Fig. 437.

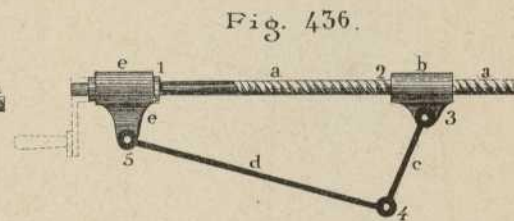


Fig. 436.

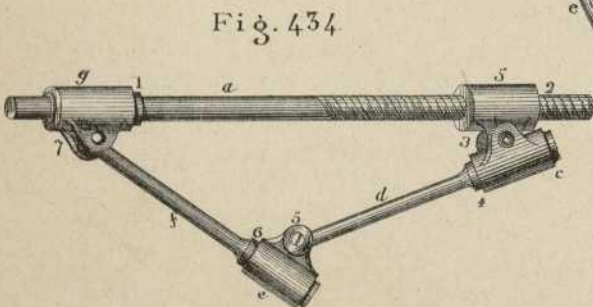


Fig. 434.

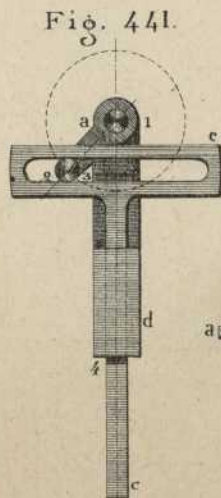


Fig. 441.

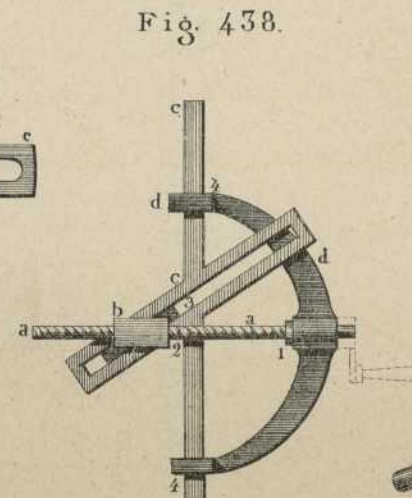


Fig. 438.

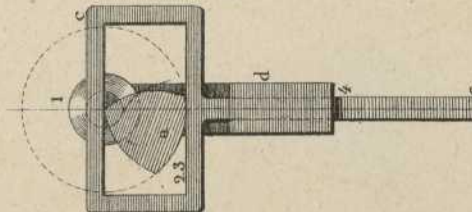


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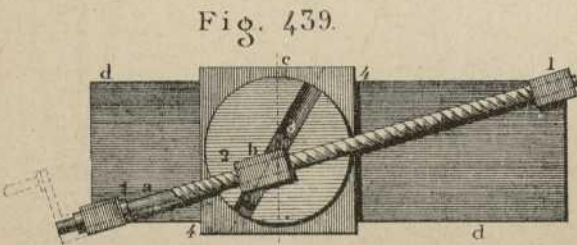


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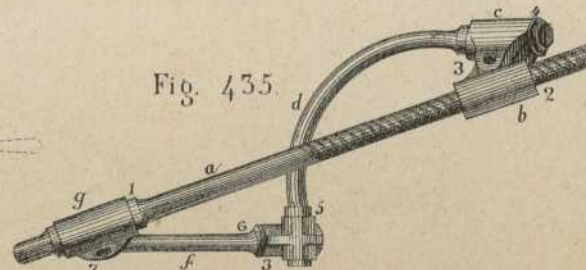


Fig. 435.

J.

Fig. 442.

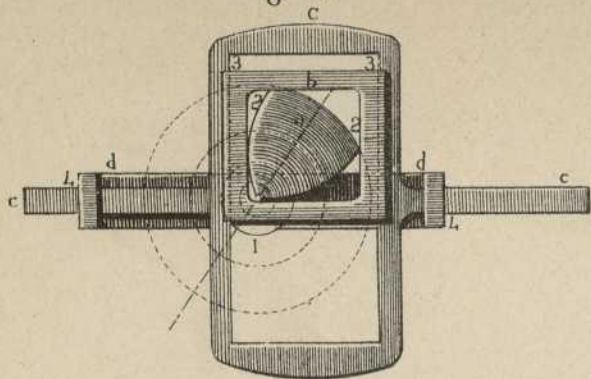


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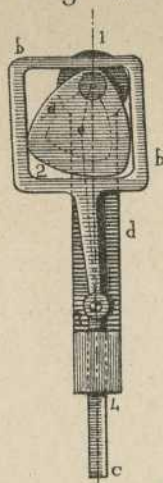


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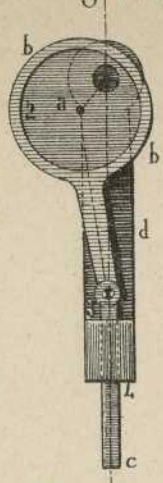


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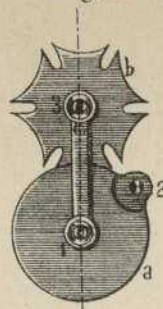


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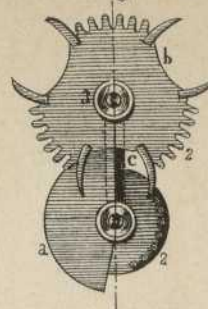


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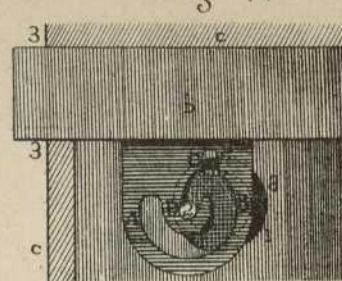


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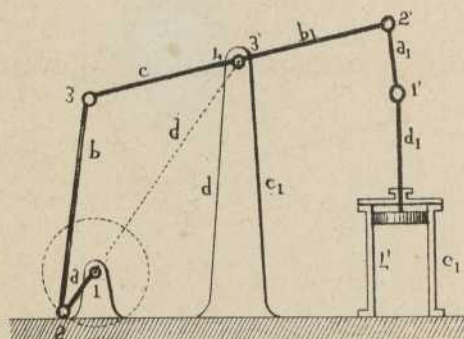


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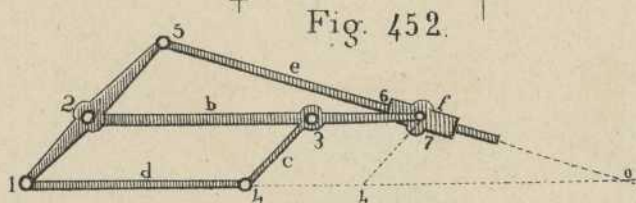


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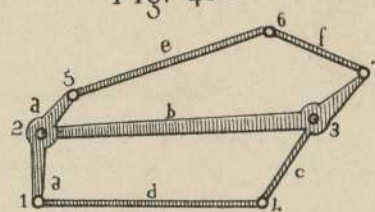


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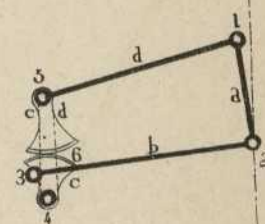


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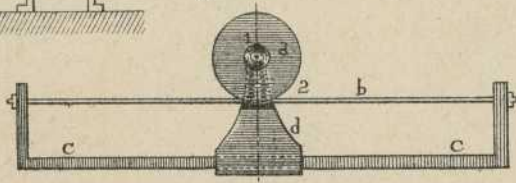


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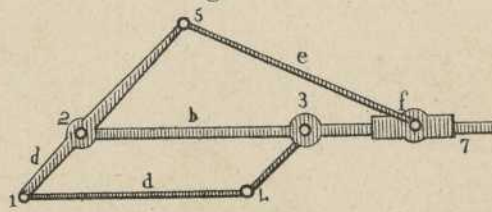


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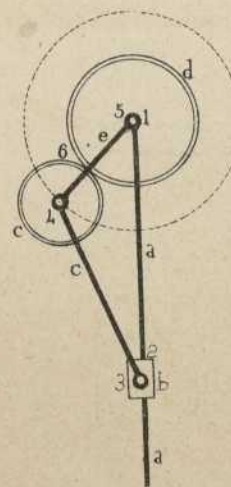


Fig. 459.

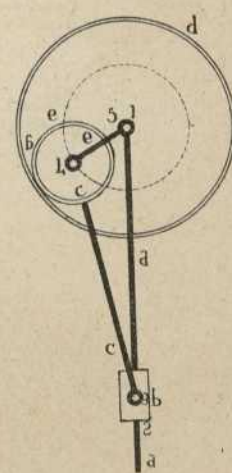


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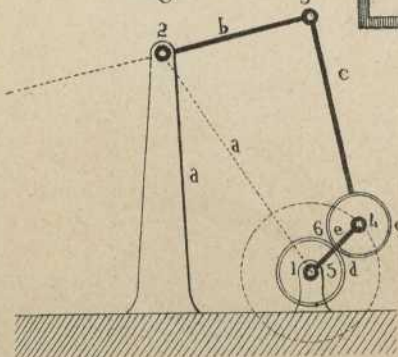


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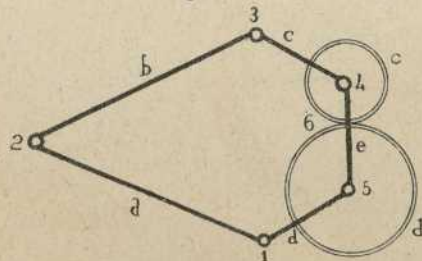


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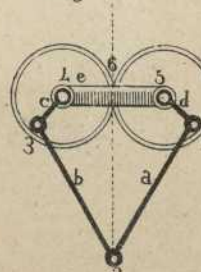


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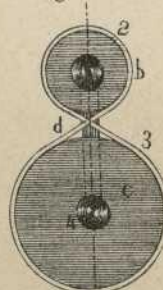


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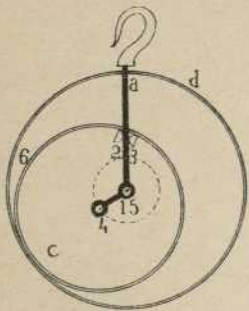


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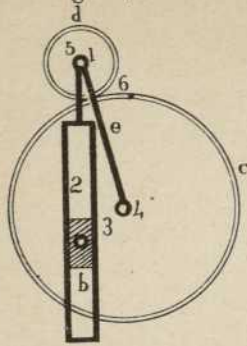


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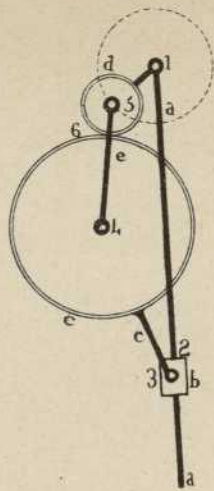


Fig. 463.

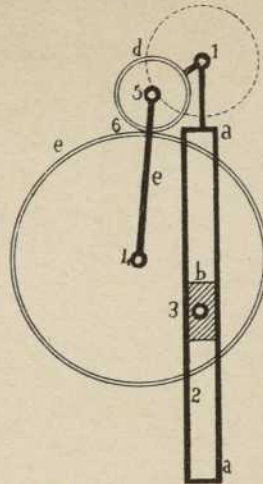


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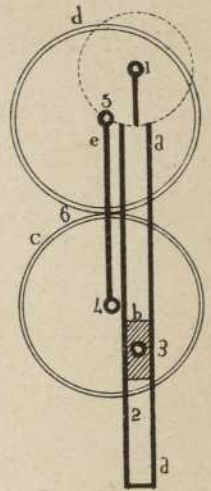


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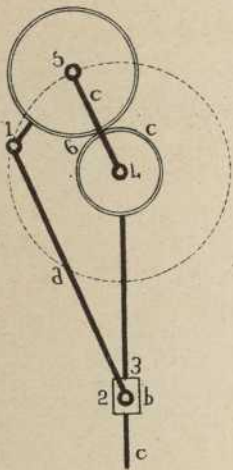


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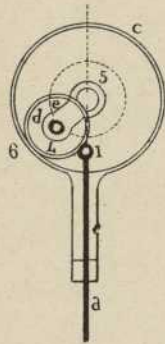


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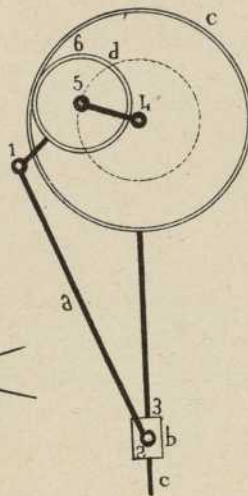


Fig. 463.

Fig. 468.

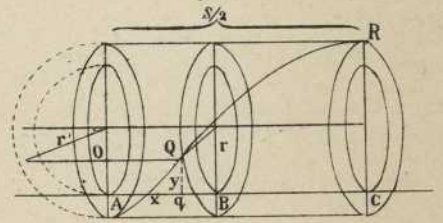


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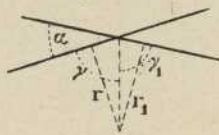


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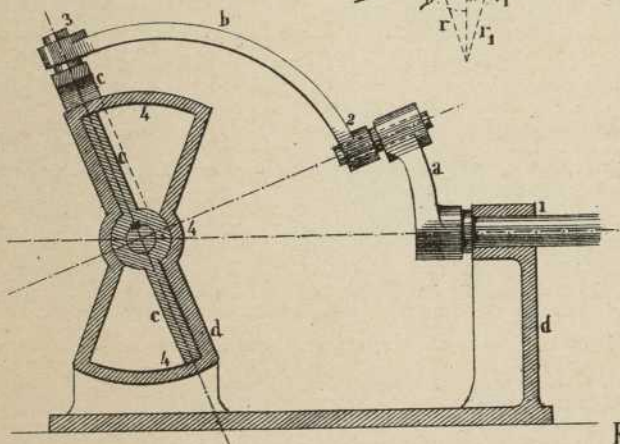


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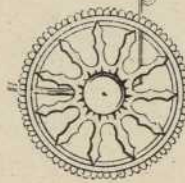


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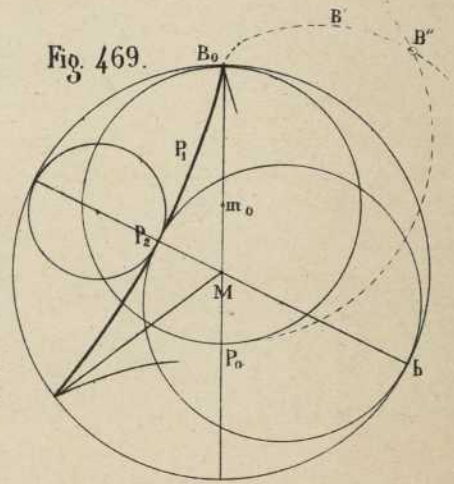


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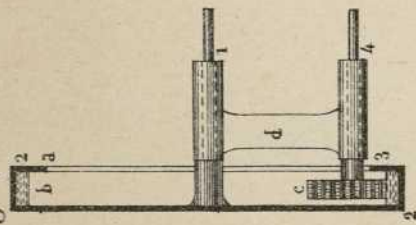


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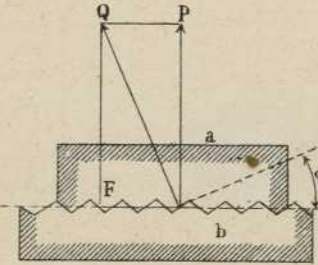
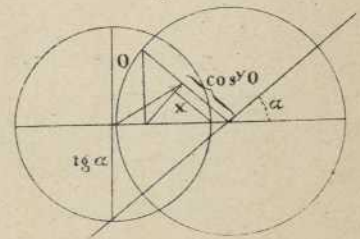


Fig. 473.



A.R.

Fig. 1.

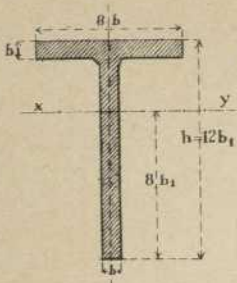


Fig. 2.

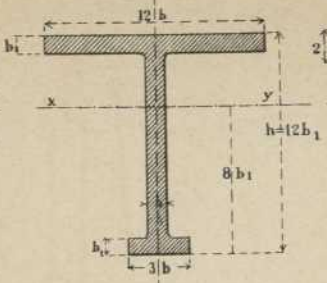


Fig. 3.

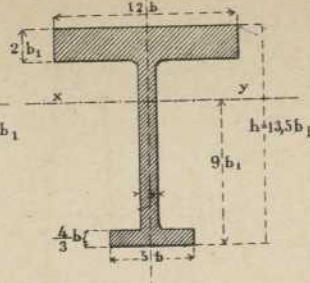


Fig. 5.

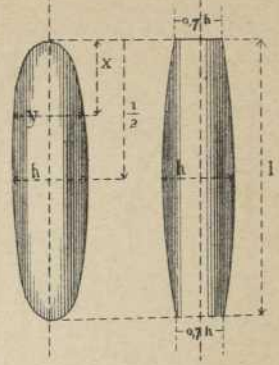


Fig. 4'

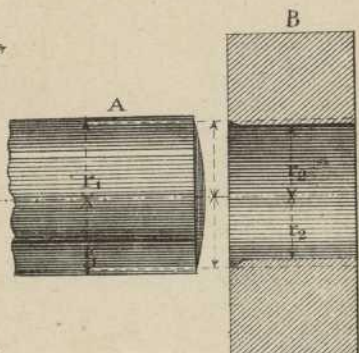
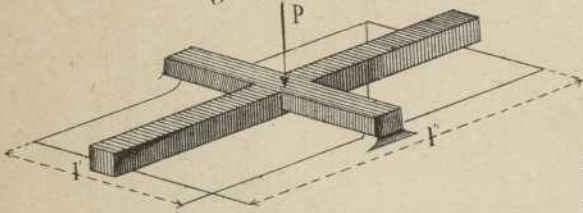


Fig. 8.

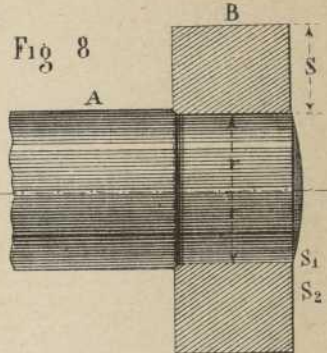


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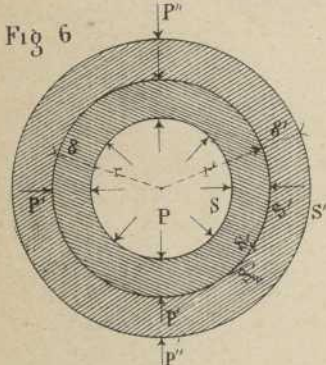


Fig. 7.

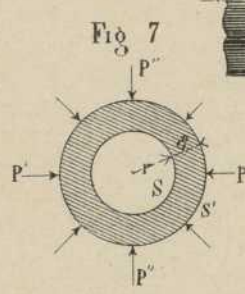


Fig. 10.

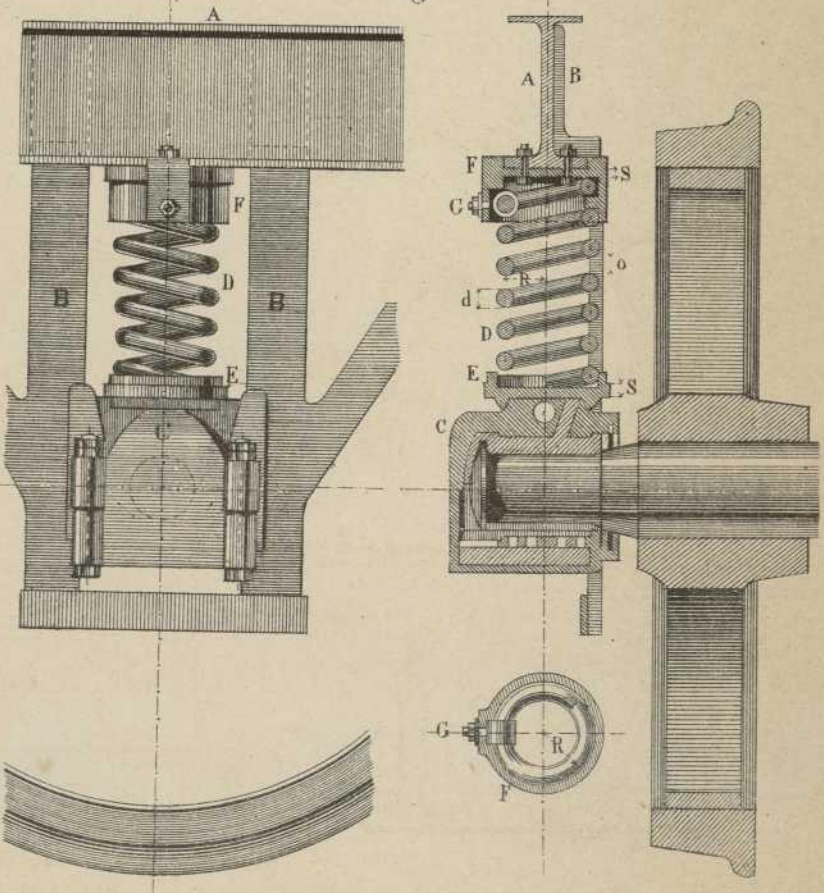
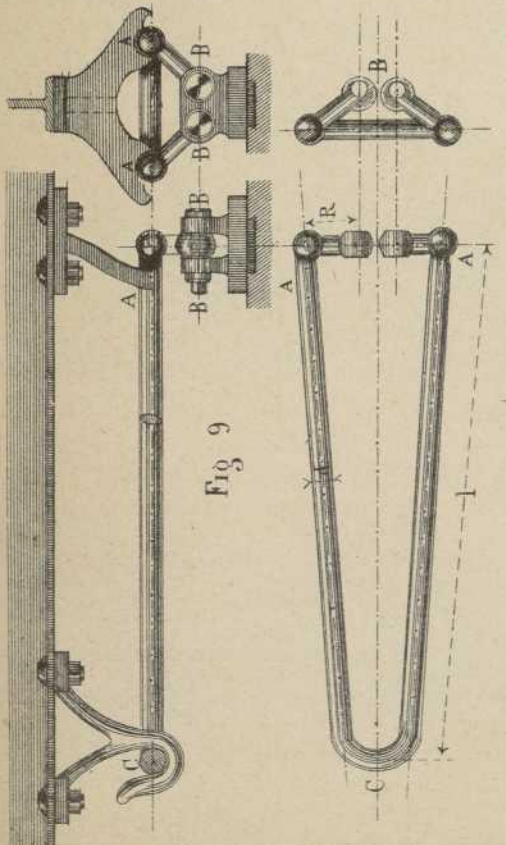
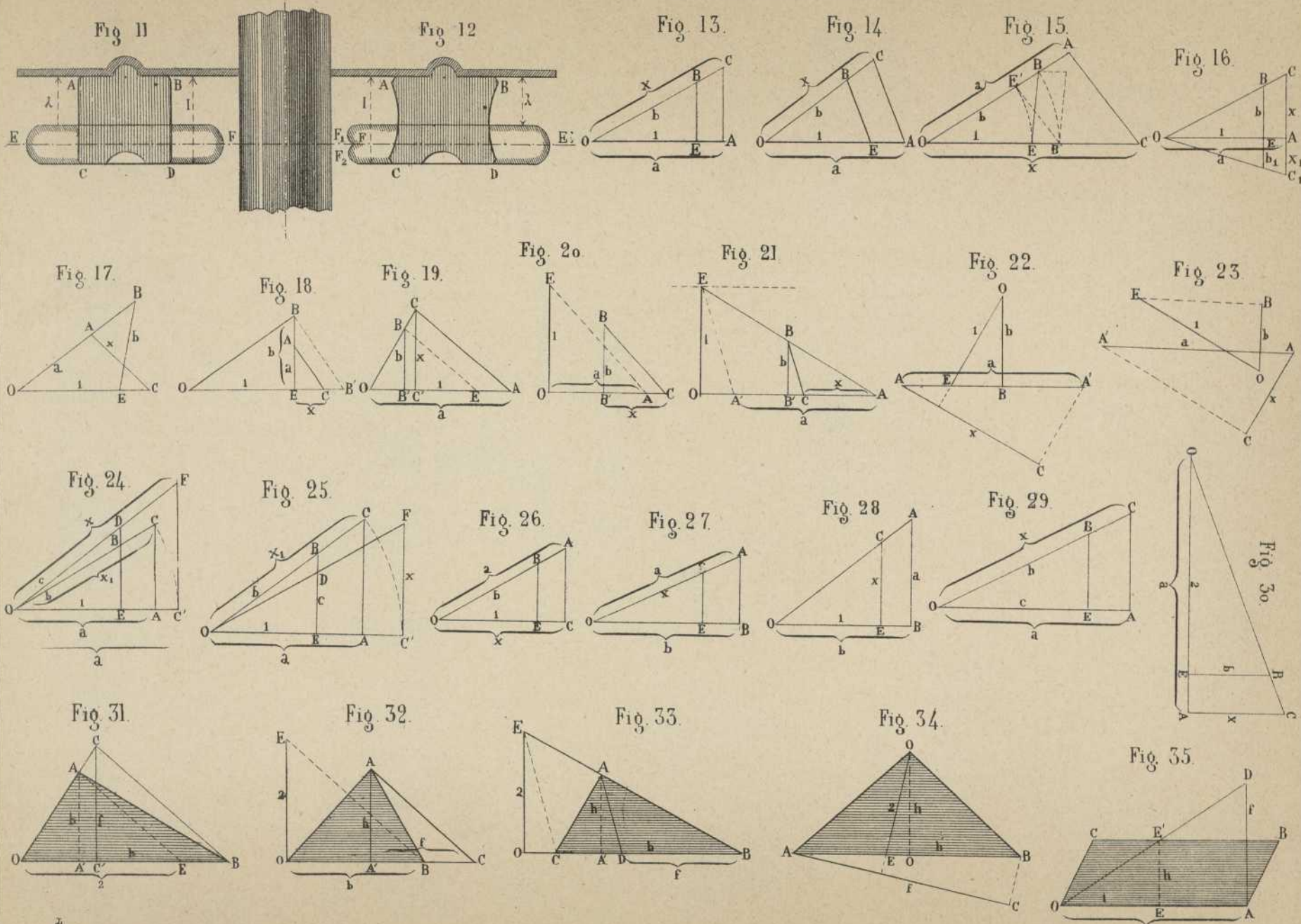


Fig. 9.



J. G.



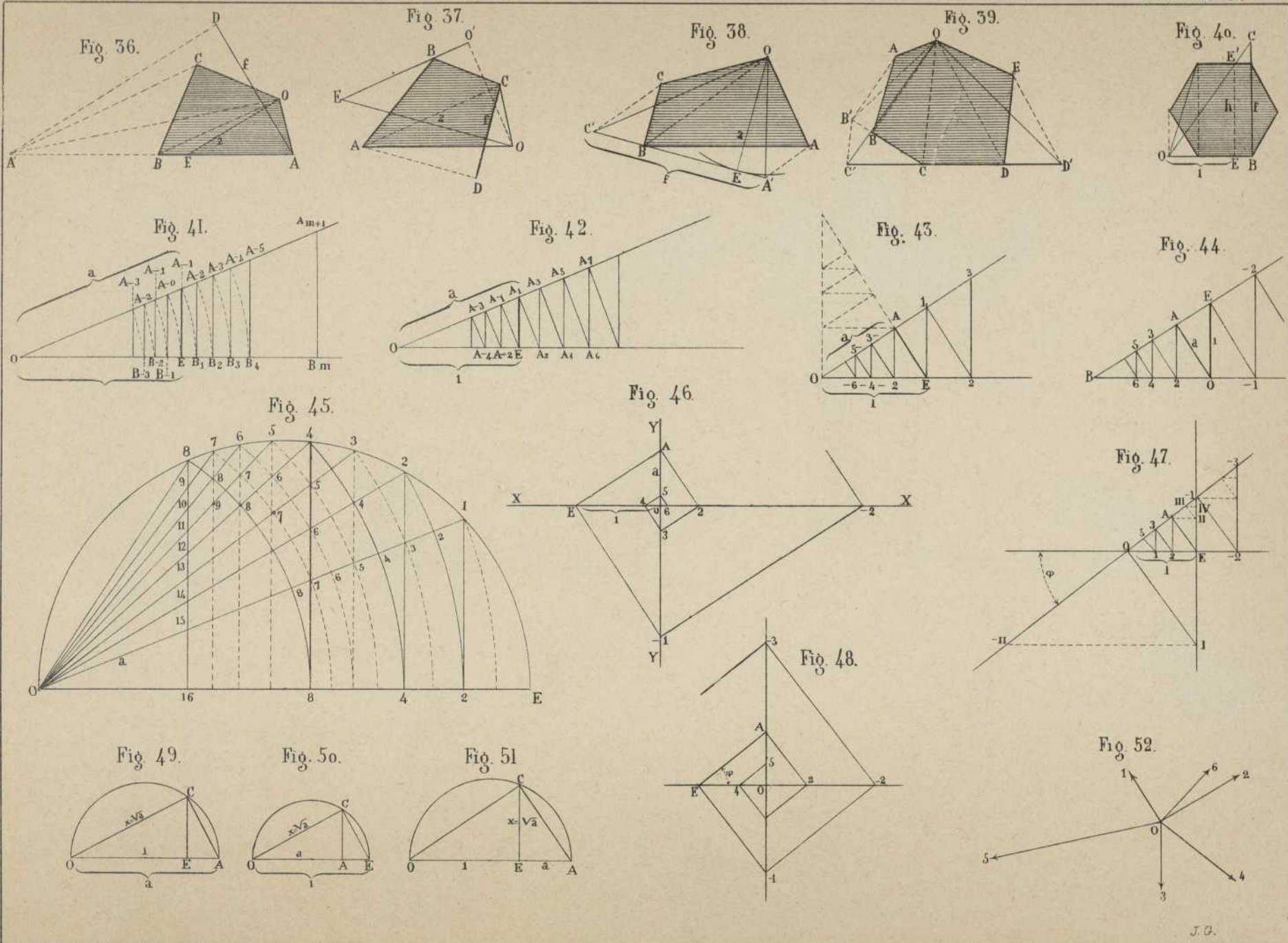


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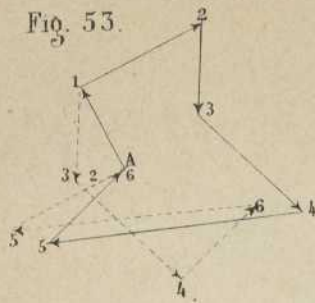


Fig. 54.

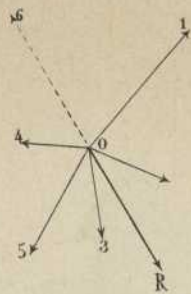


Fig. 55.

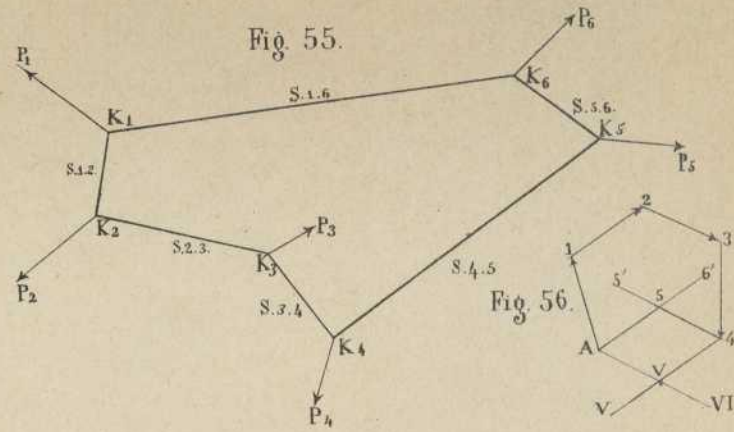


Fig. 57.

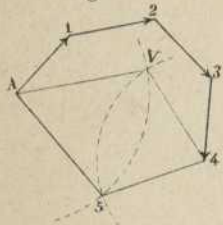


Fig. 58.

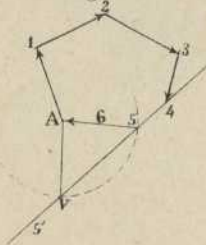


Fig. 59.

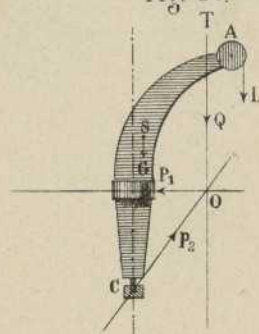


Fig. 60.



Fig. 56.

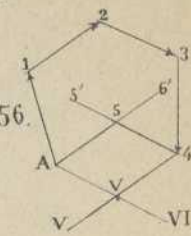


Fig. 65.

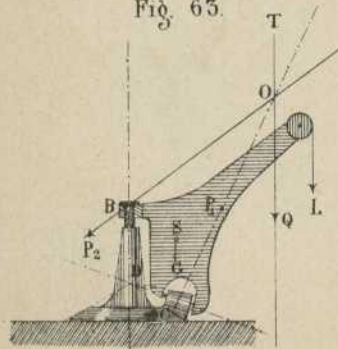


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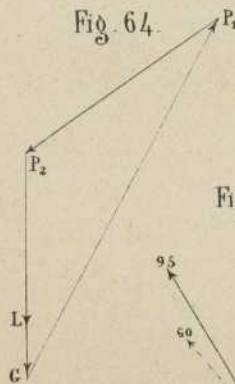


Fig. 61.

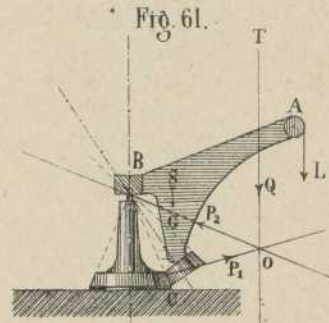


Fig. 66.

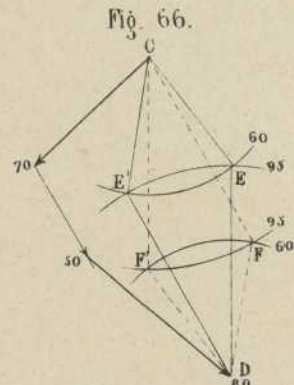


Fig. 67.

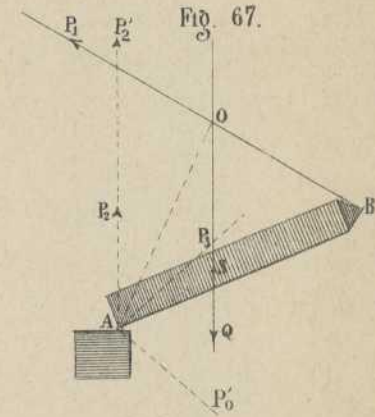


Fig. 65.

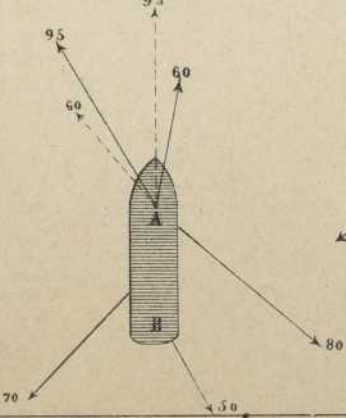


Fig. 69.

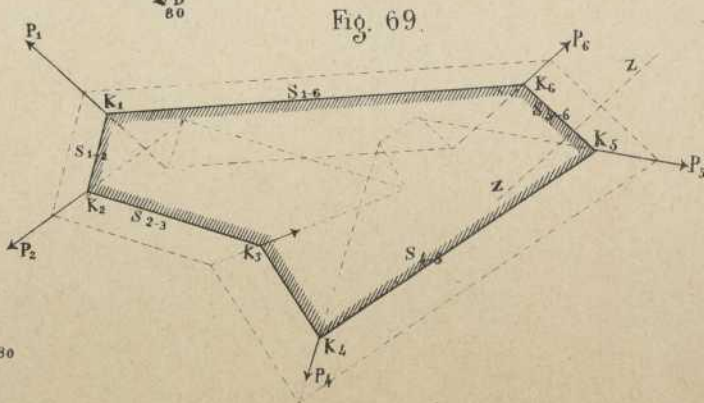
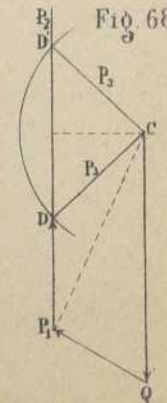
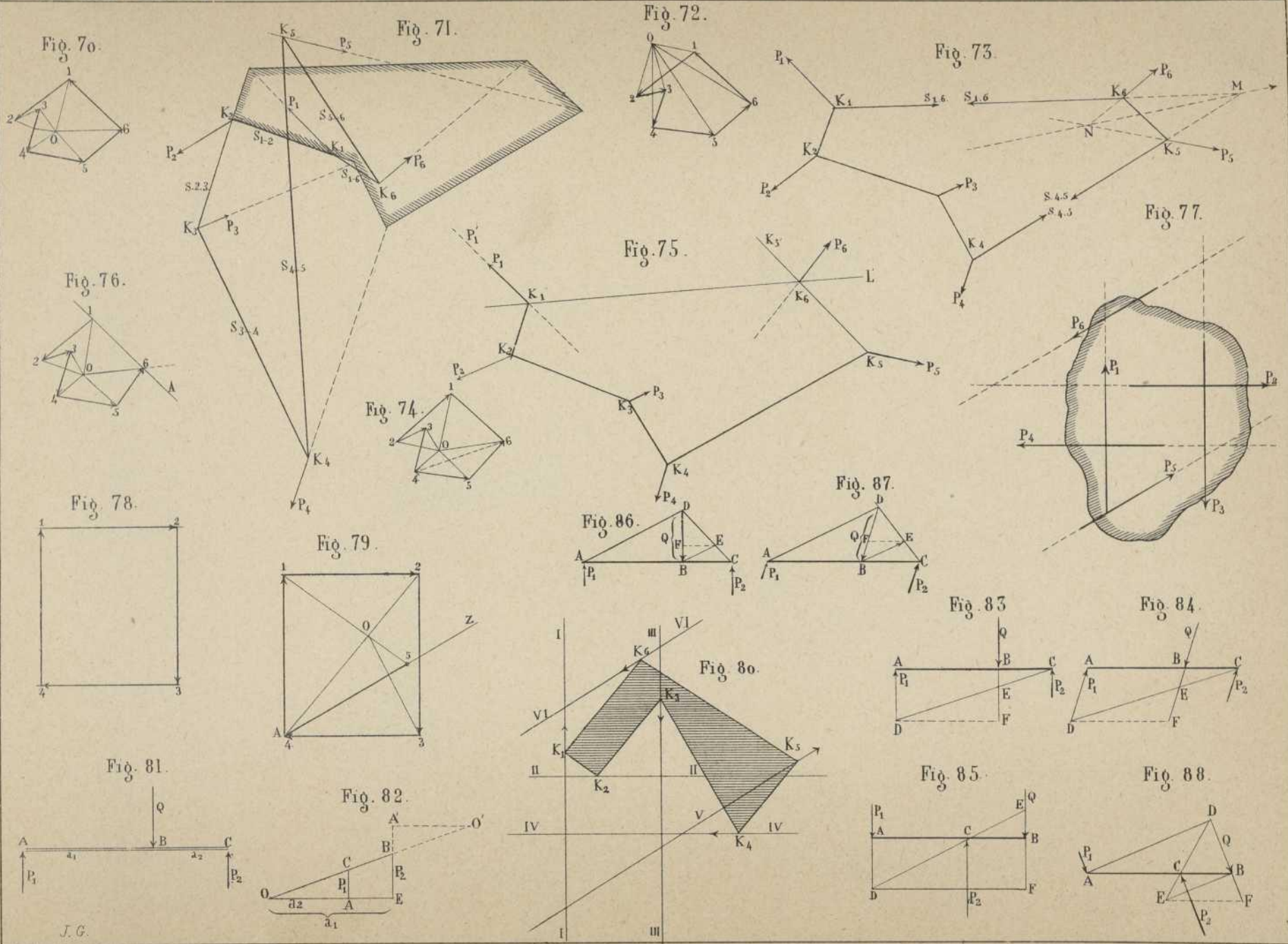


Fig. 68.





J. G.

Nacents, editor.

Pasto de Gracia, 149.

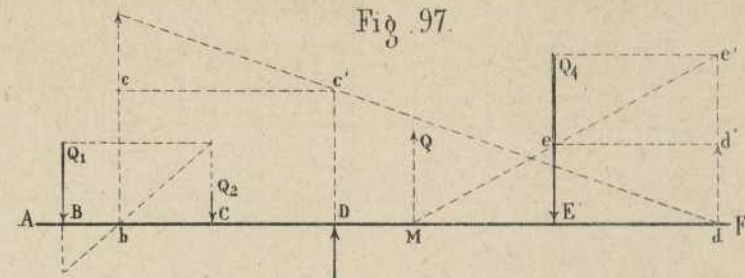
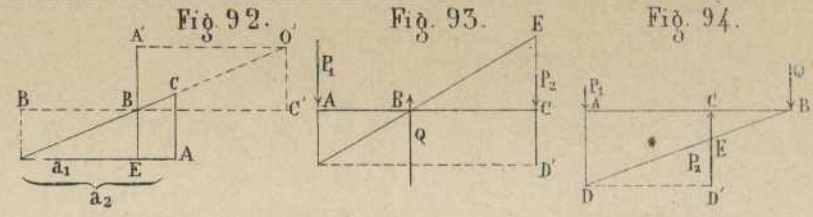
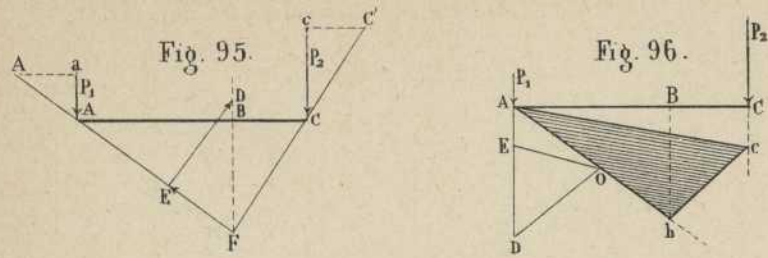
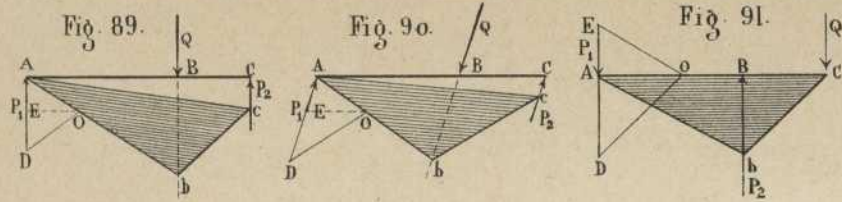


Fig. 98.

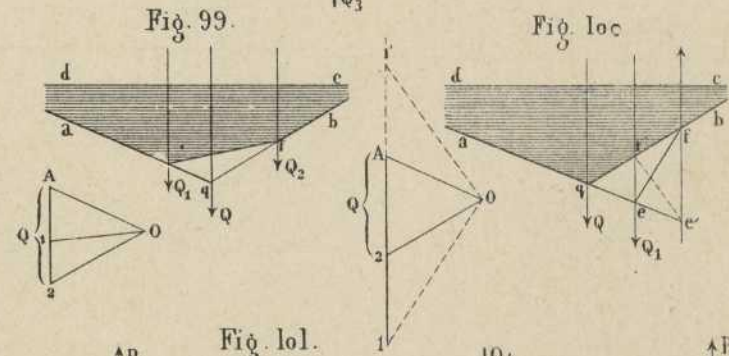
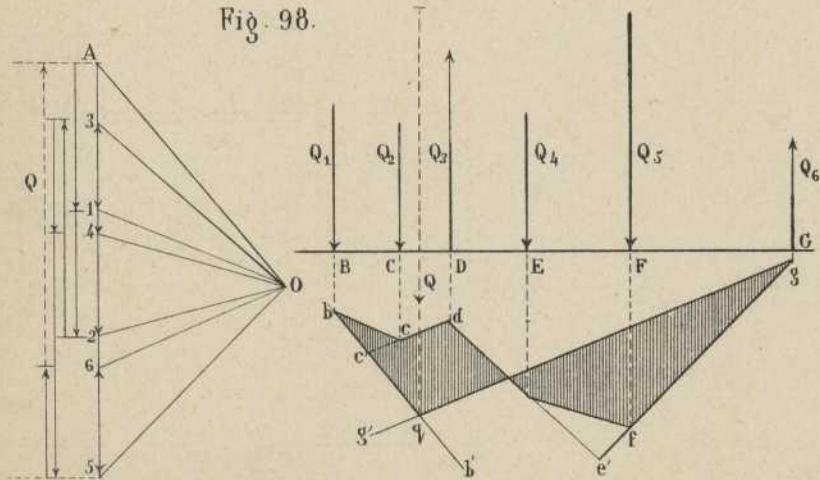
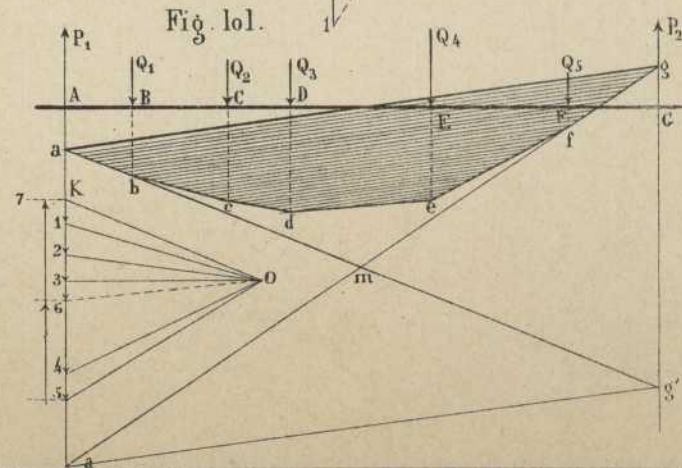
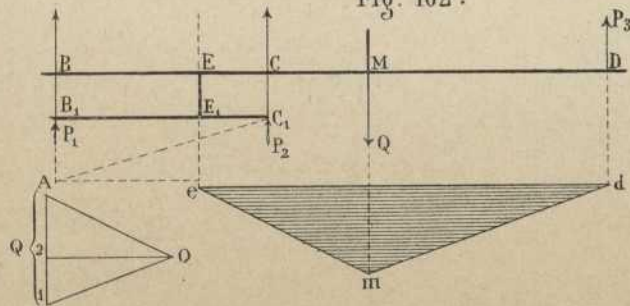
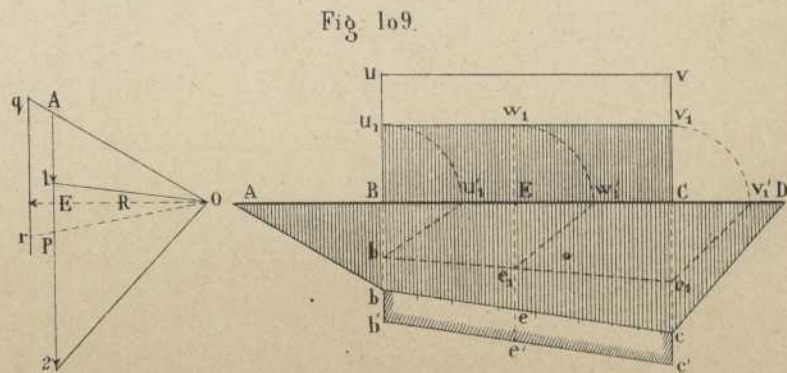
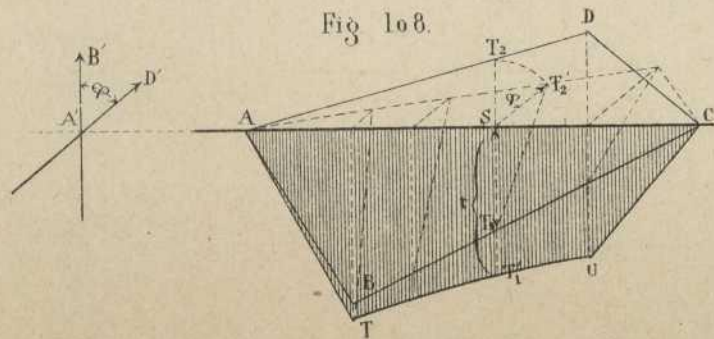
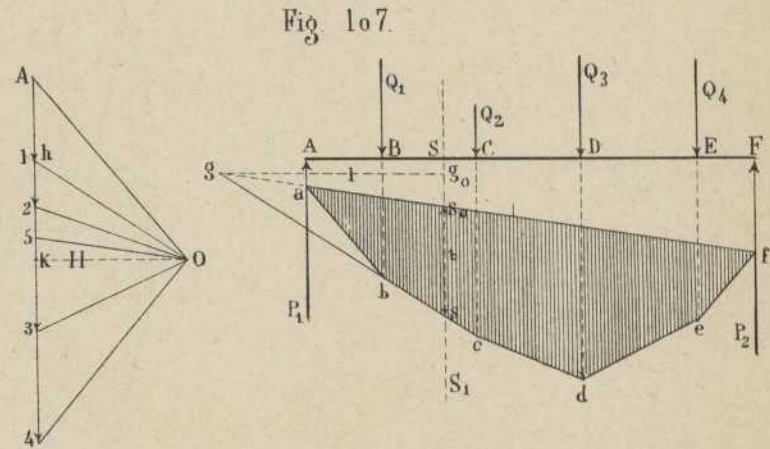
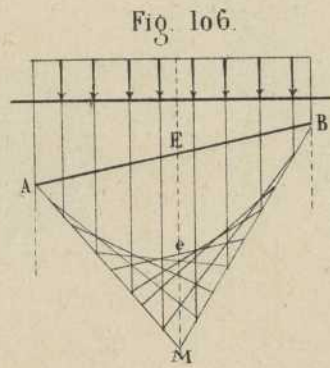
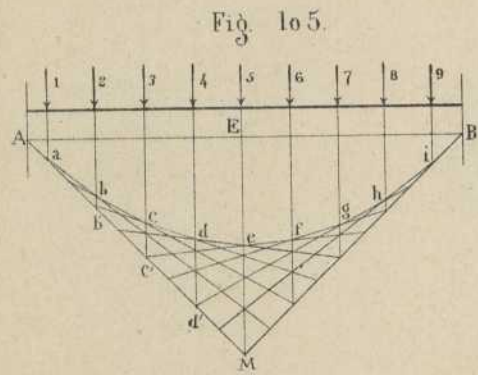
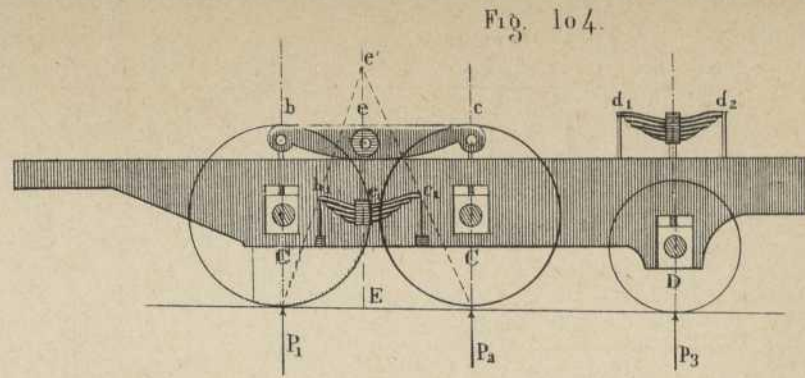
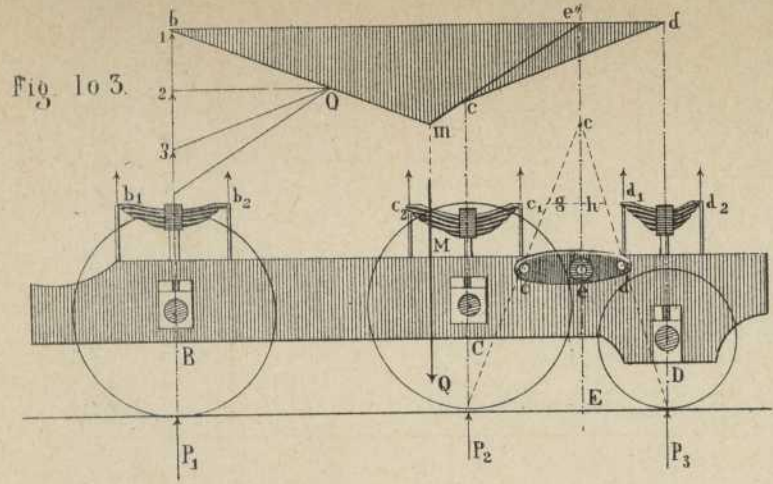


Fig. 102.





J. G.

Fig. 110

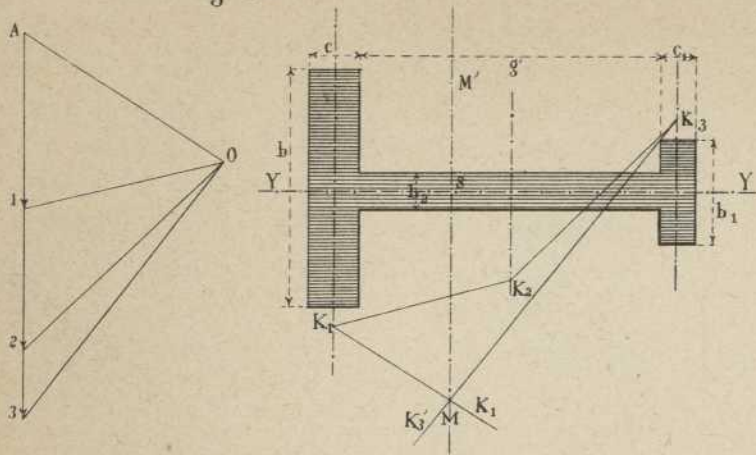


Fig. 112



Fig. 113

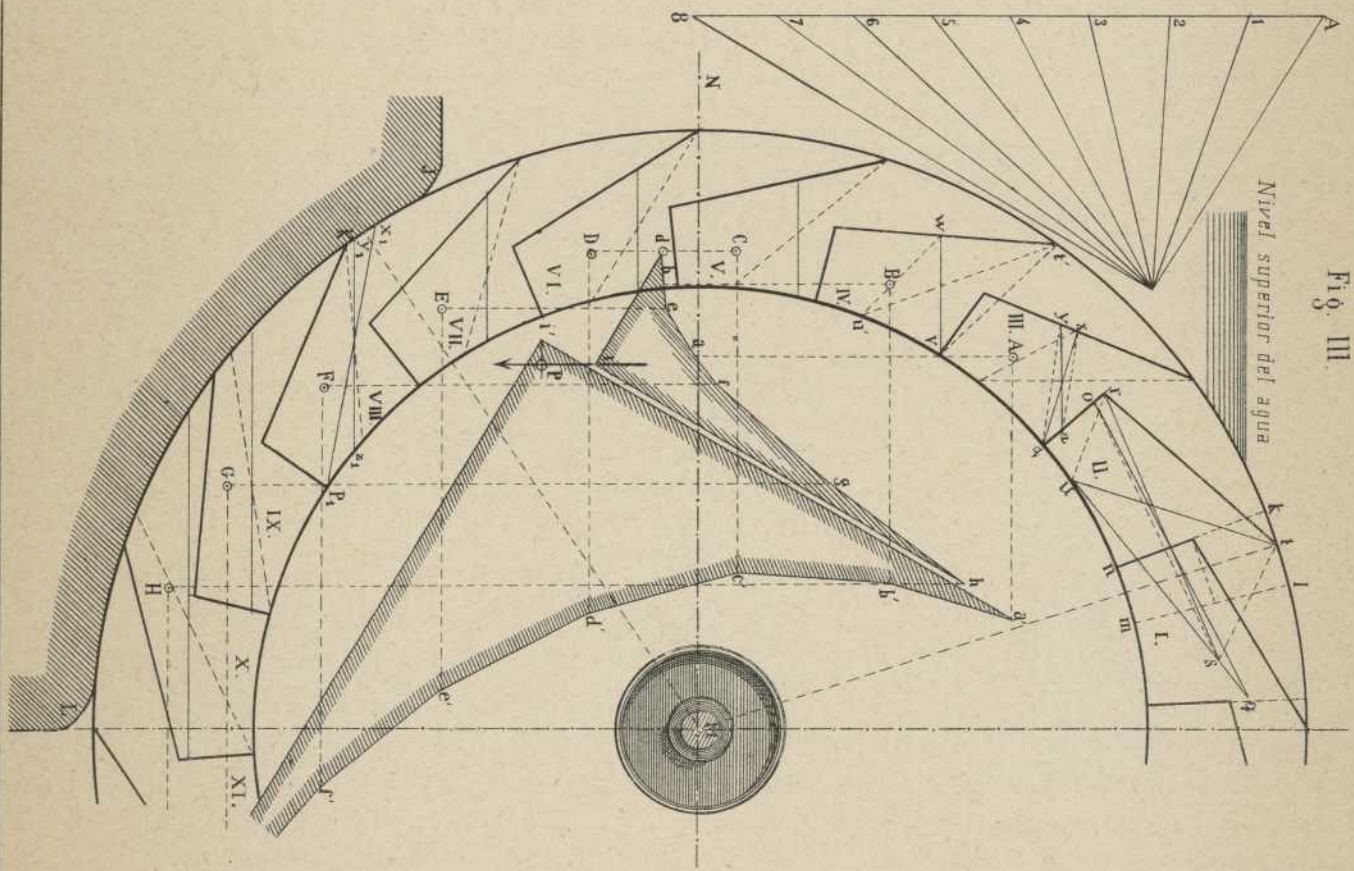
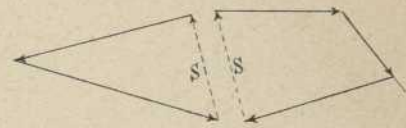


Fig. 111

Fig. 114

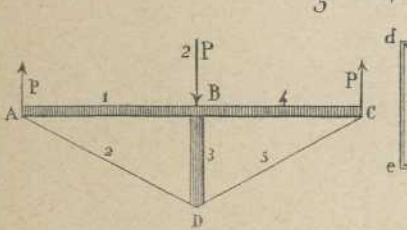
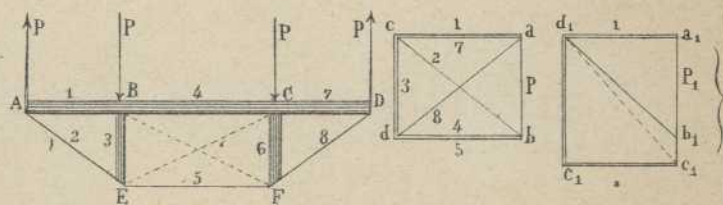


Fig. 115



J. G.

Fig 124

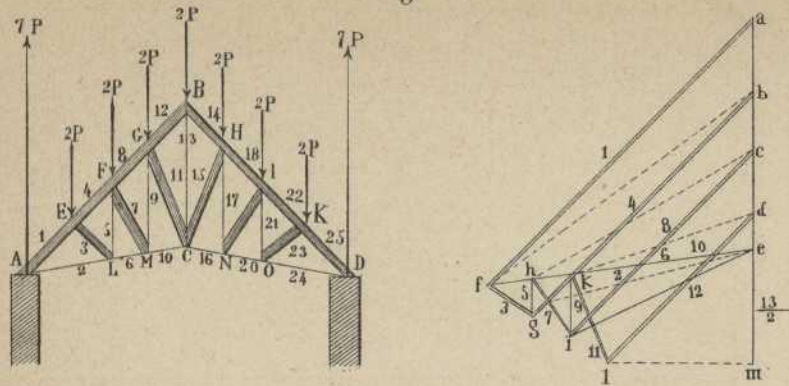


Fig 125

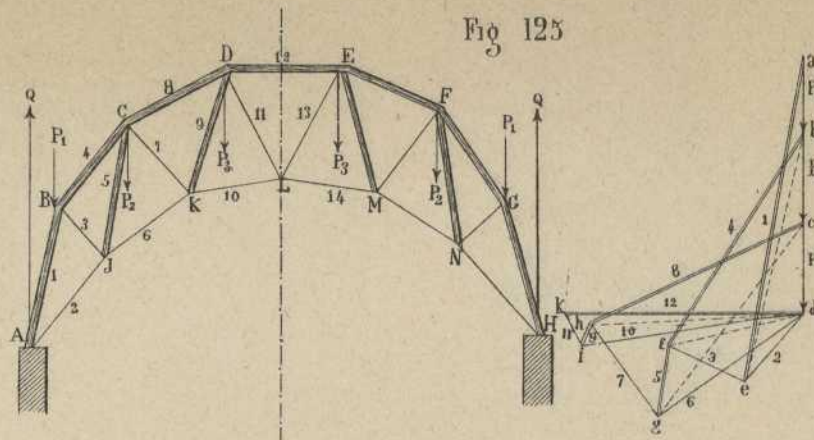


Fig 127

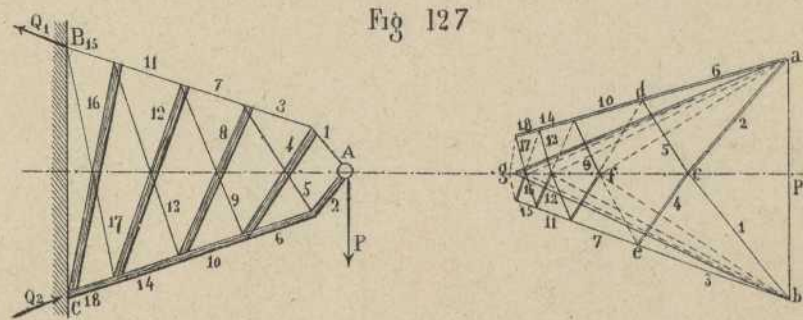


Fig 126

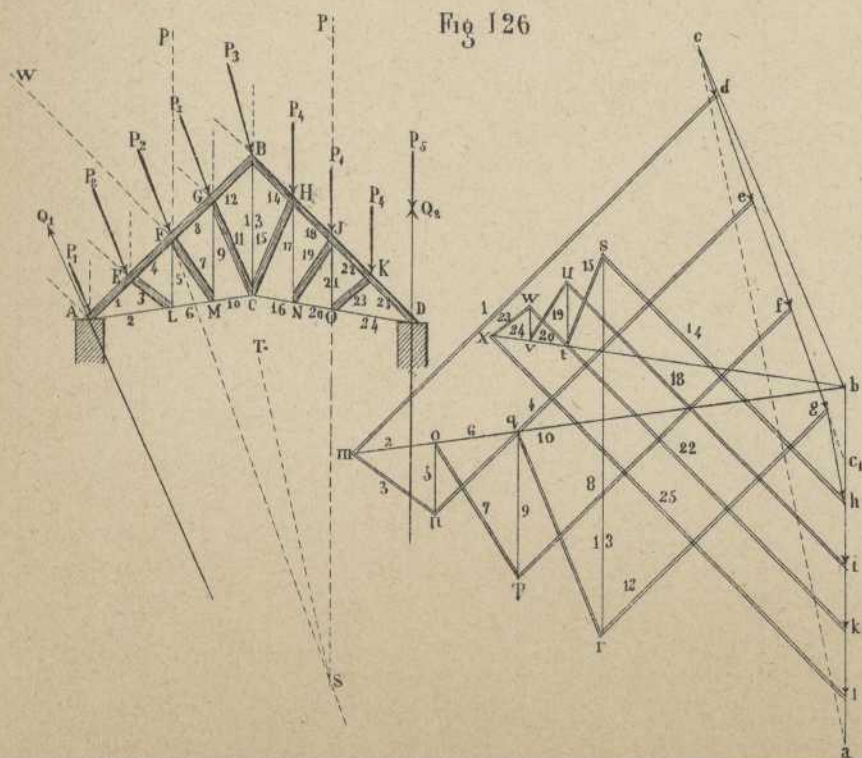
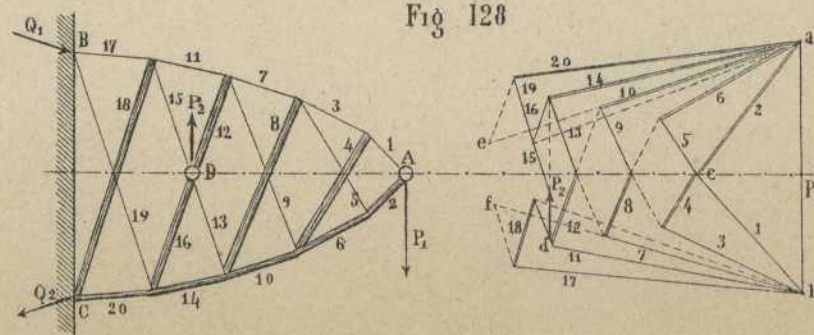


Fig 128



J. G.

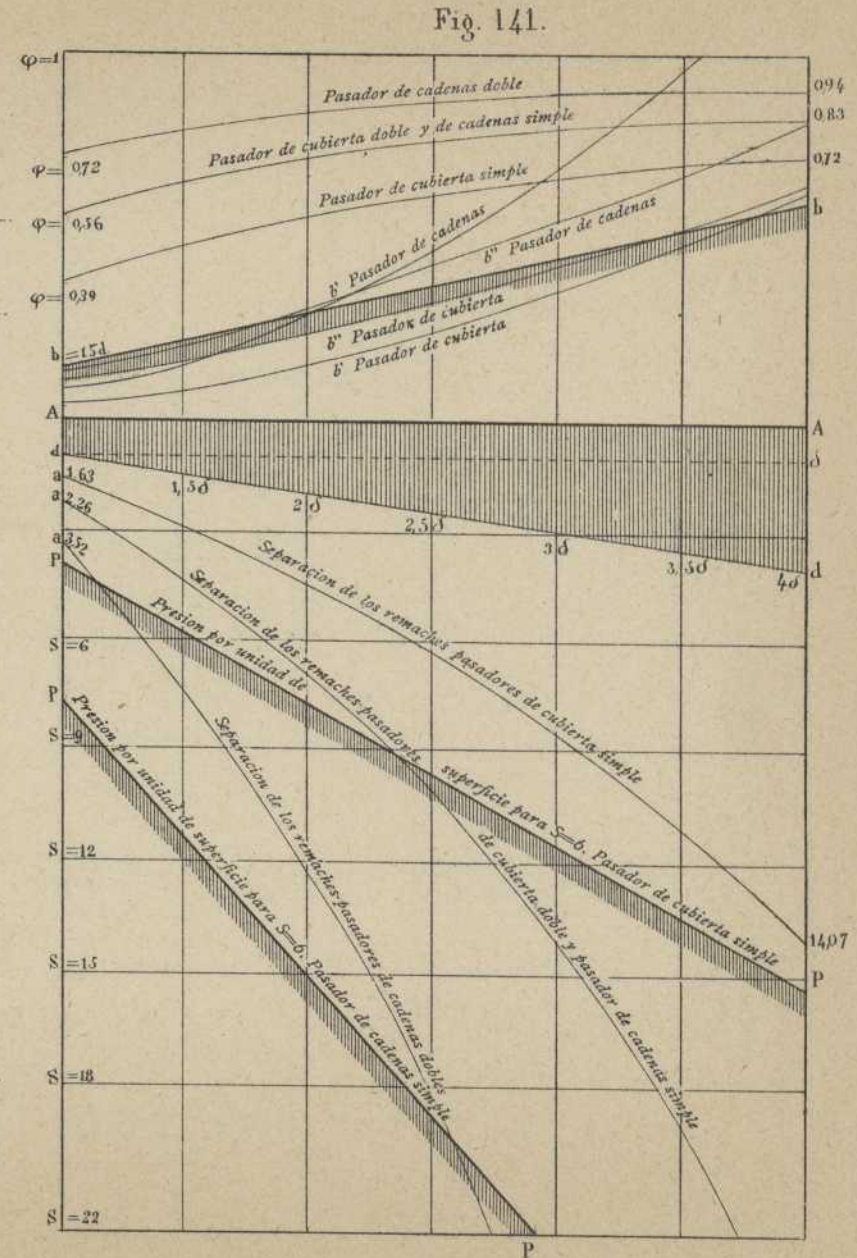
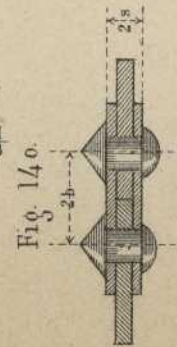
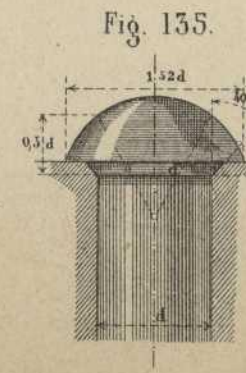
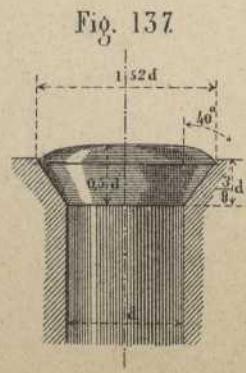
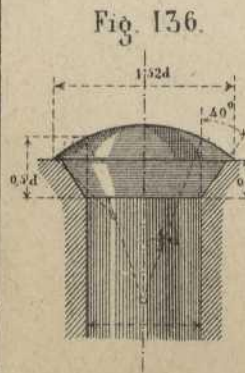
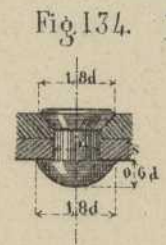
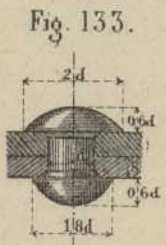
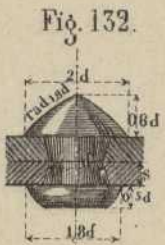
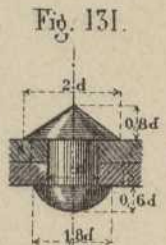
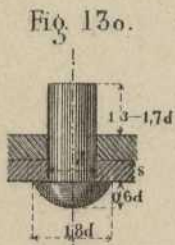
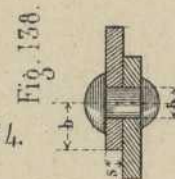
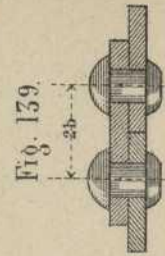
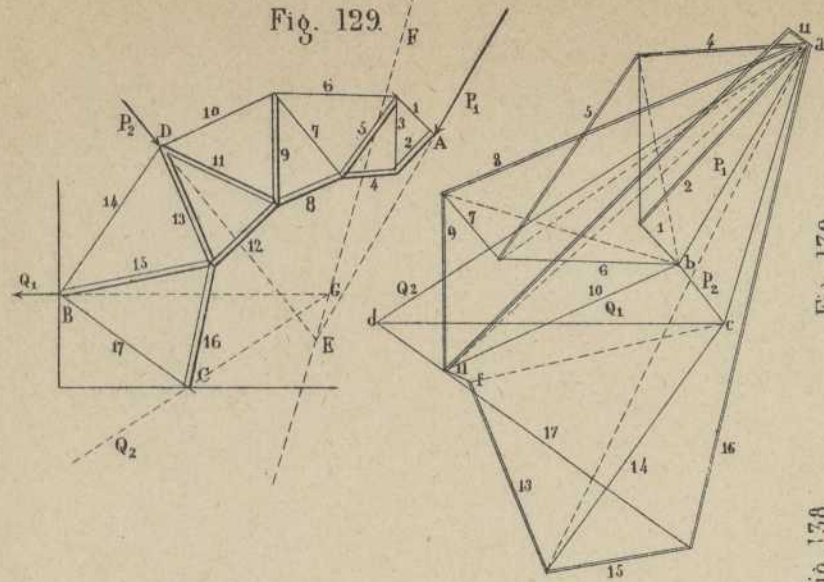


Fig. 142.

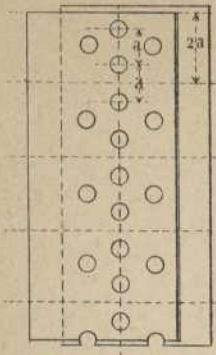


Fig. 143.

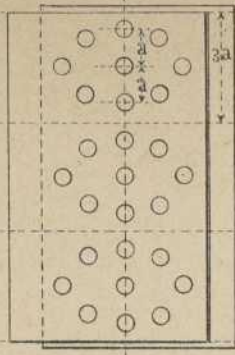


Fig. 144.
I II III IV V VI VII.

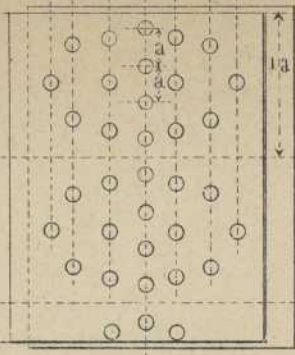


Fig. 145.

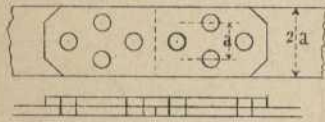


Fig. 146.

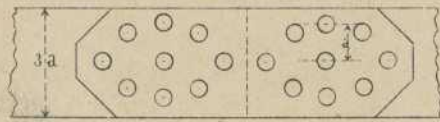


Fig. 151.

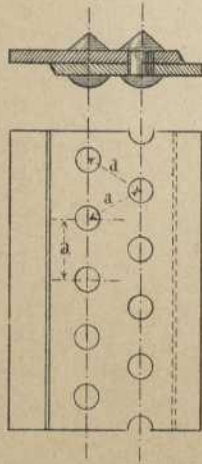


Fig. 152.

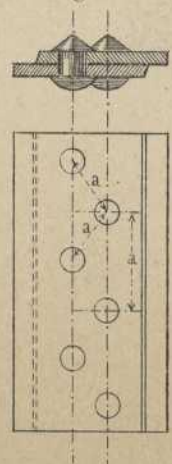


Fig. 153.

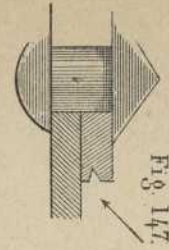
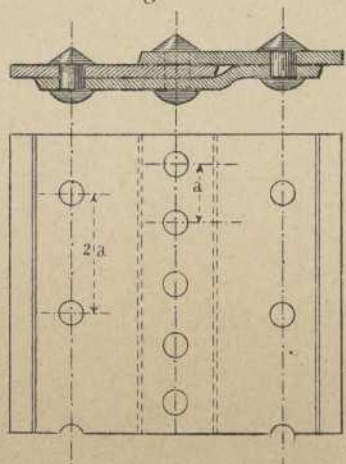


Fig. 147.

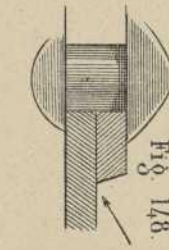


Fig. 148.

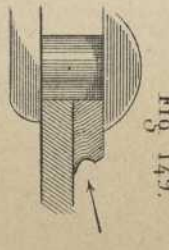
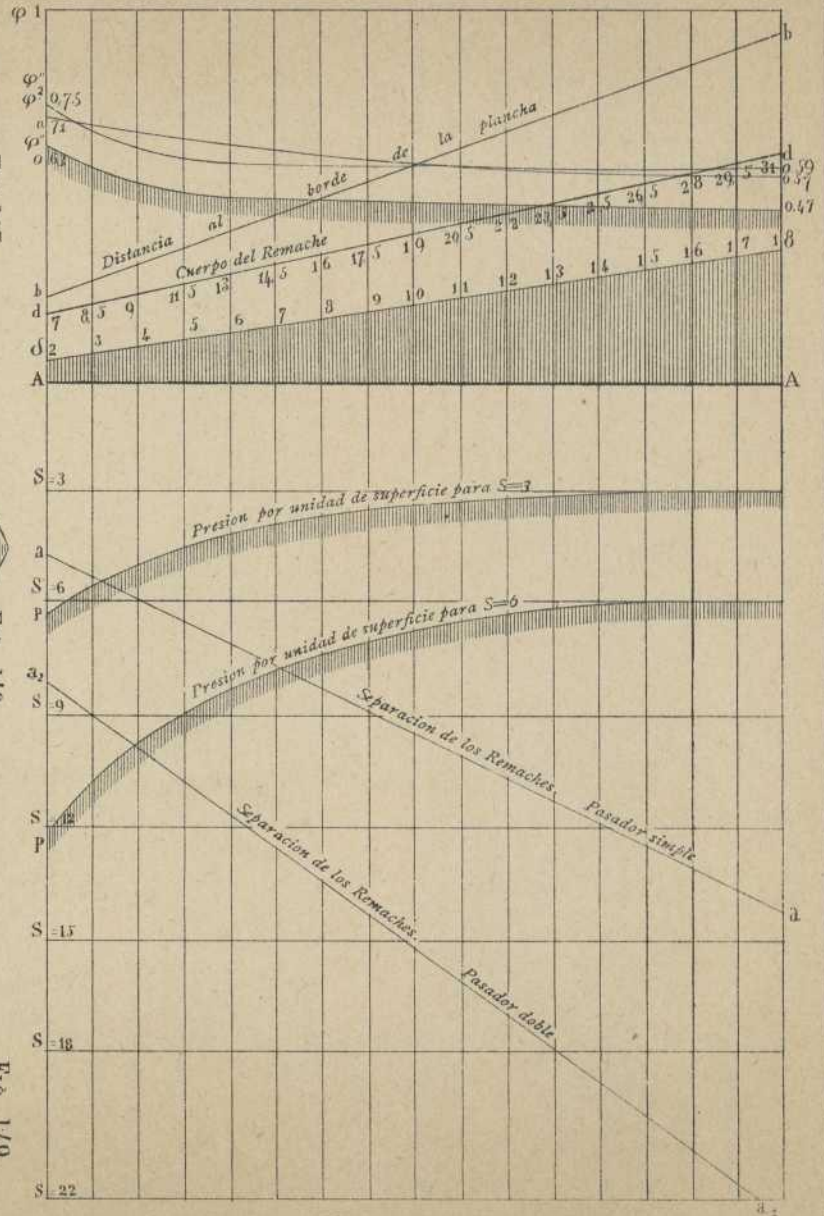


Fig. 149.

Fig. 150.



J. C.

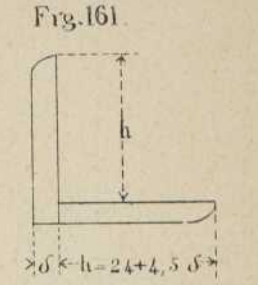
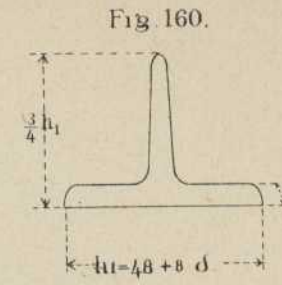
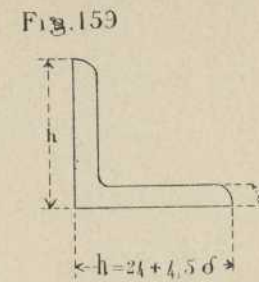
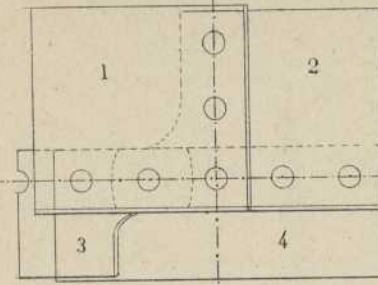
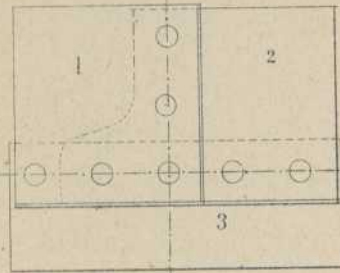
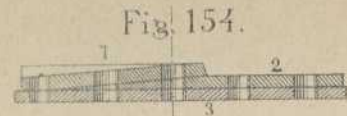


Fig. 162.

Fig. 163.

Fig. 164.

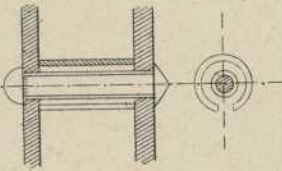
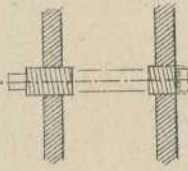
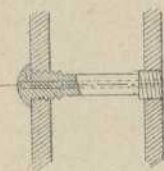


Fig. 171

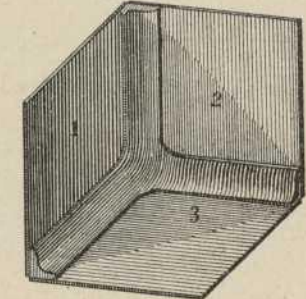


Fig. 172

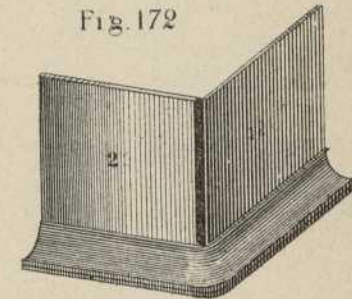


Fig. 165.

Fig. 166.

Fig. 167.

Fig. 168.

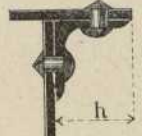
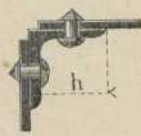


Fig. 169

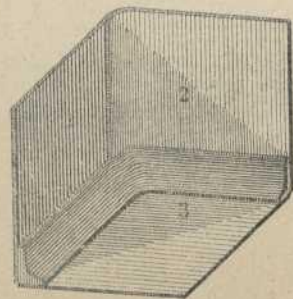


Fig. 170.

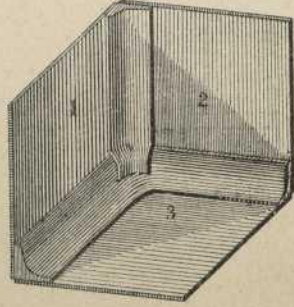


Fig. 158

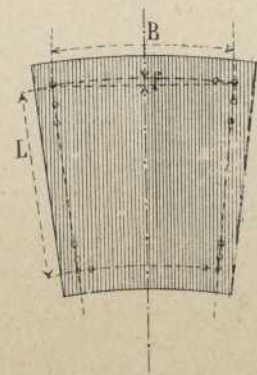


Fig. 173

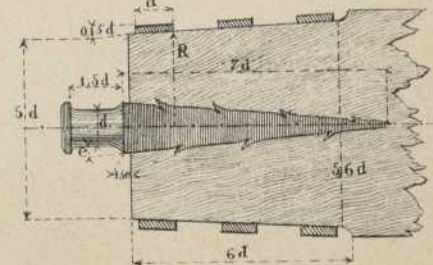
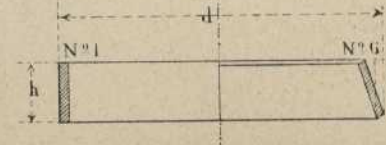


Fig. 174.



J. G.

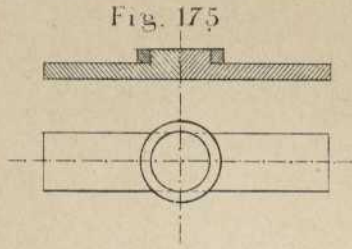


Fig. 175

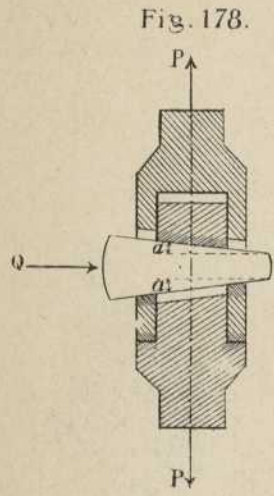


Fig. 178.

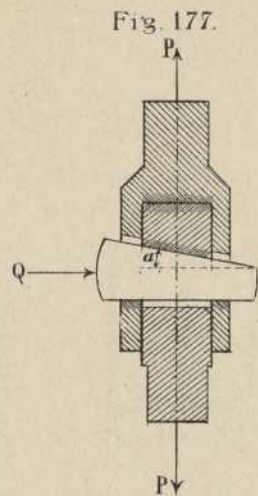


Fig. 177.

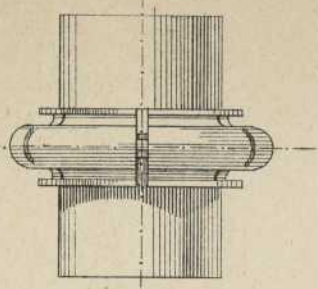
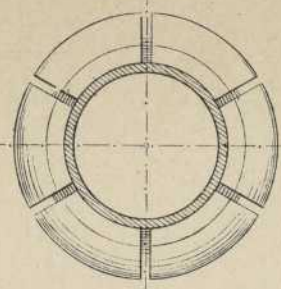
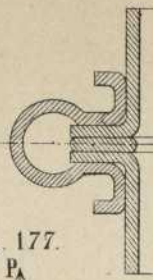


Fig. 176

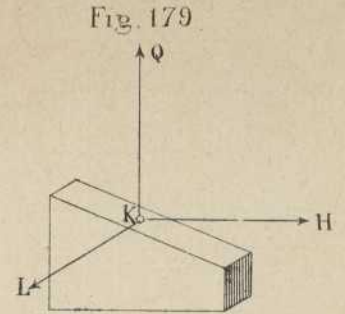


Fig. 179

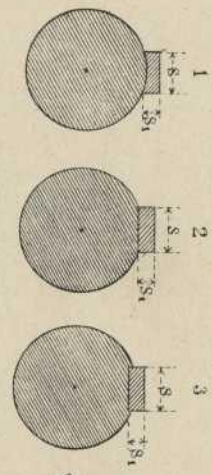


Fig. 186

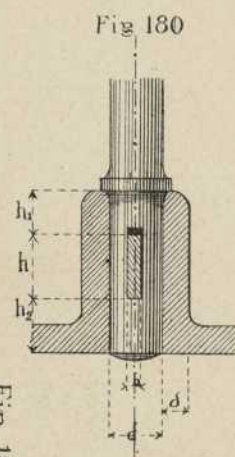


Fig. 180

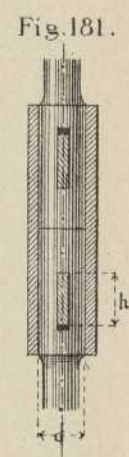


Fig. 181.

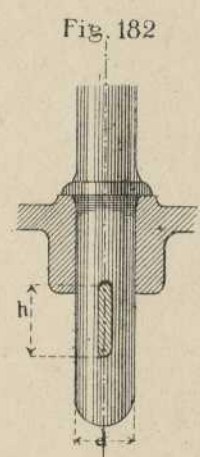


Fig. 182

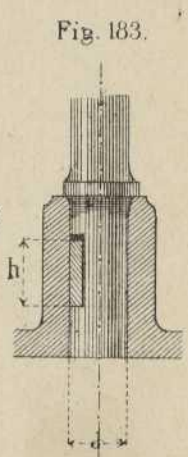


Fig. 183.

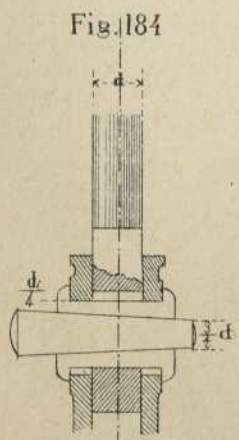


Fig. 184

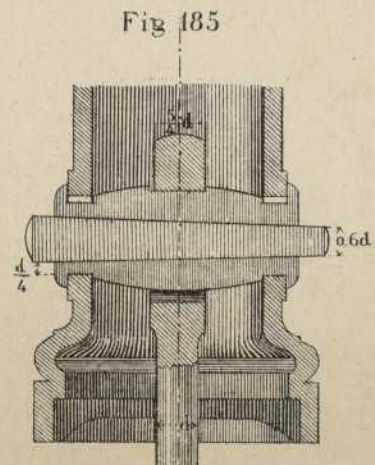


Fig. 185

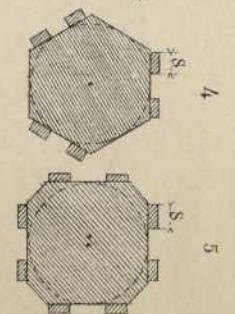


Fig. 187

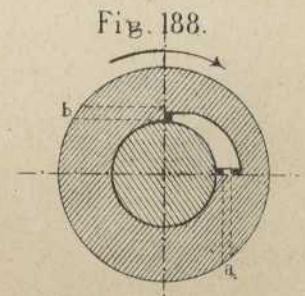
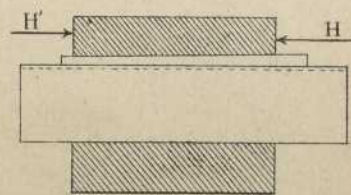


Fig. 188.

Fig.189.

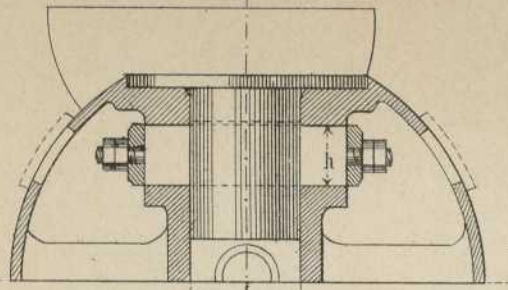


Fig.190.

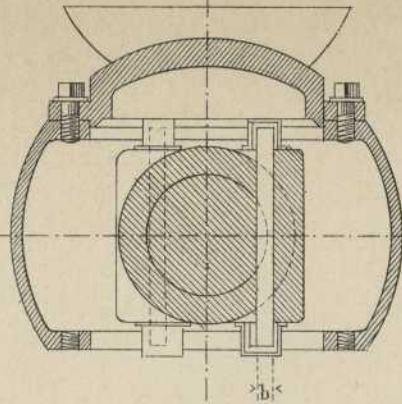


Fig.191.

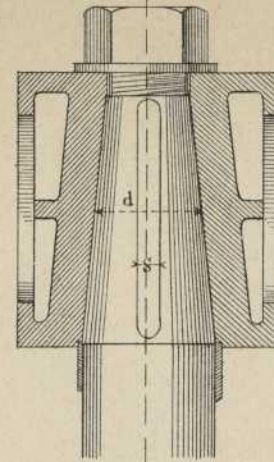


Fig.192.

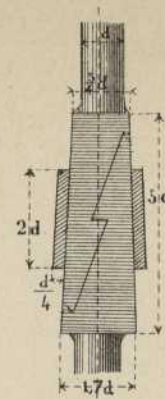


Fig.193.

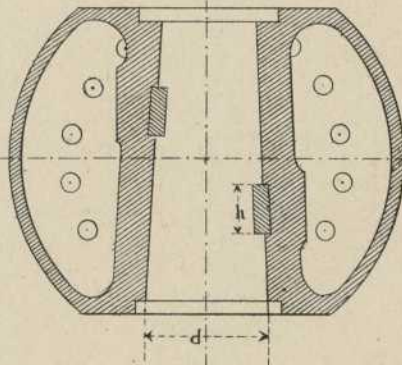
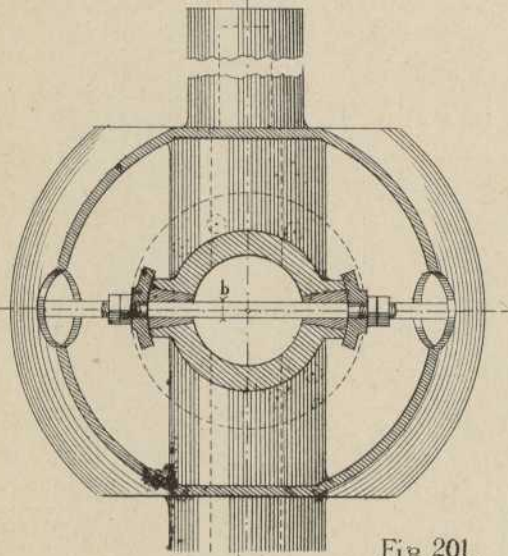
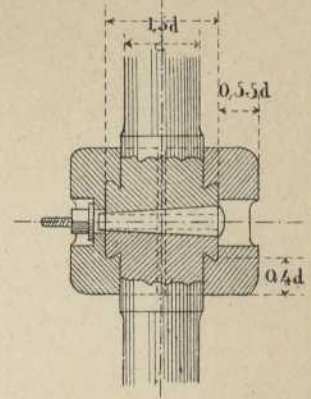


Fig.194.

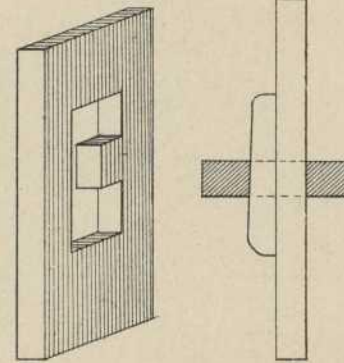


Fig.195.



Fig.196.



Fig. 201.

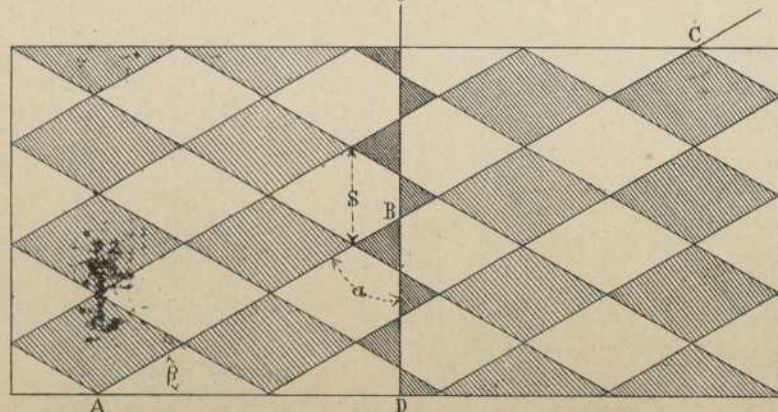


Fig. 200.

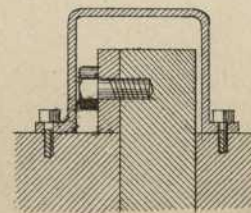


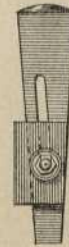
Fig. 197.



Fig. 198.



Fig. 199.



J. G.

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CONSTRUCTOR.

Fig. 202

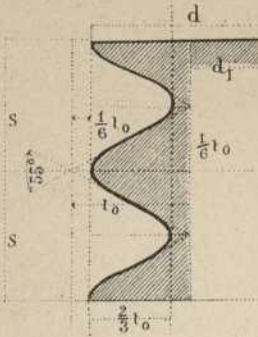


Fig. 205

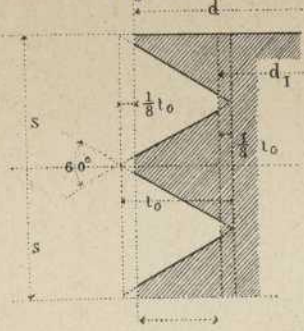


Fig. 209

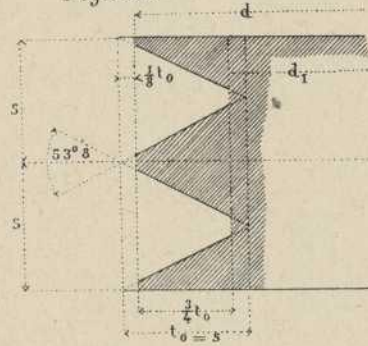


Fig. 204

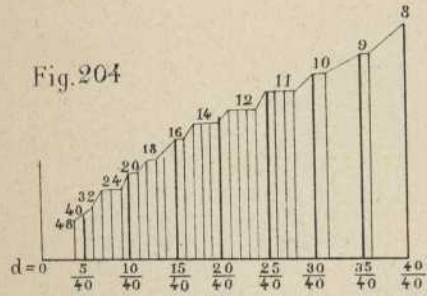
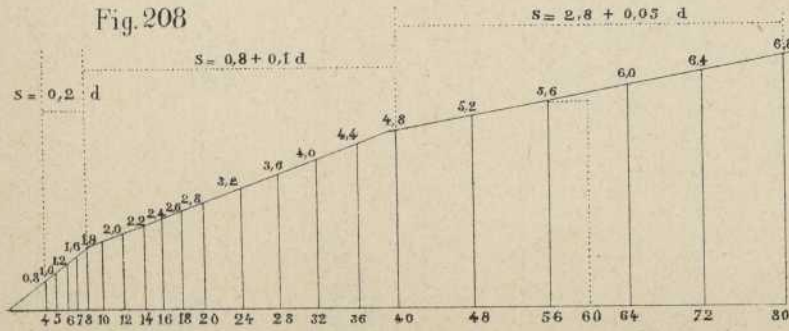
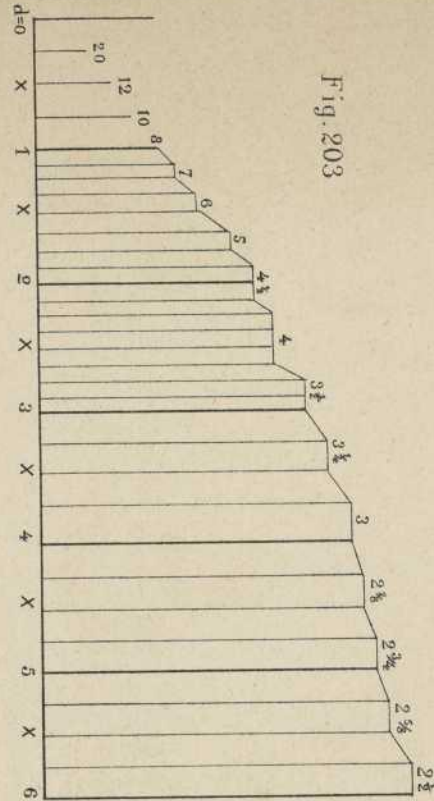


Fig. 208



d	6	8	10	12	14	16	18	20	24	28	32	36	40	48	56	64	72	80
s	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4

Fig. 203



d	4	5	6	7	8	10	12	14	16	18	20	24	28	32	36	40	48	56	64	72	80
s	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8

Fig. 206.

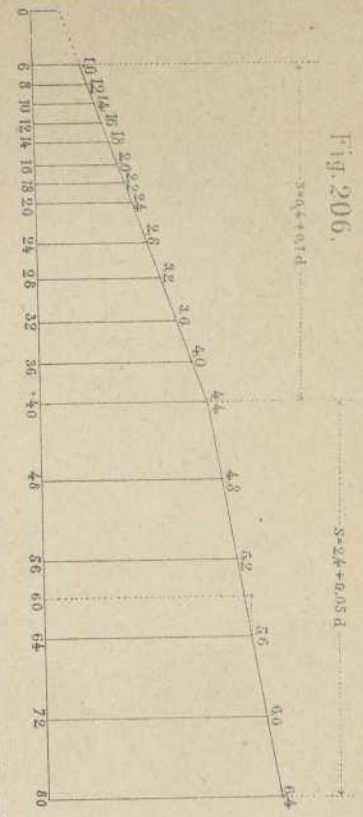
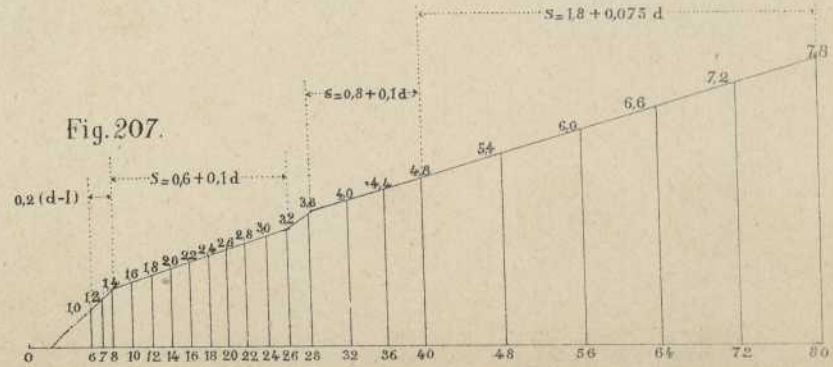


Fig. 207.



d	6	7	8	10	12	14	16	18	20	22	24	26	28	32	36	40	44	48	56	64	72	80
s	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.6	4.0	4.4	4.8	5.4	6.0	6.6	7.2	7.8	

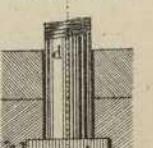
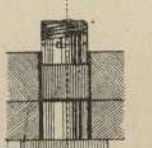
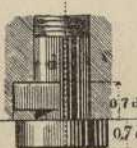
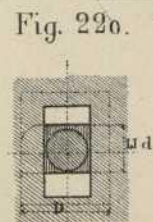
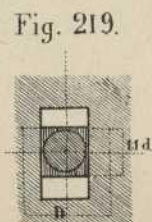
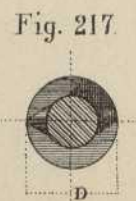
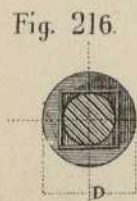
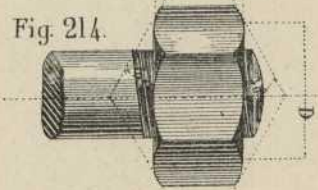
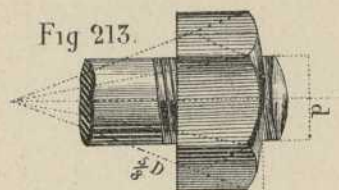
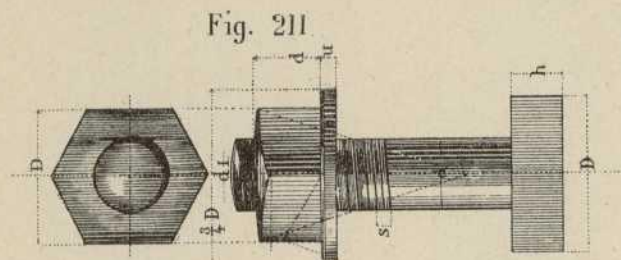
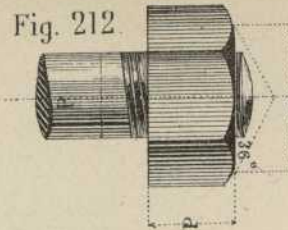
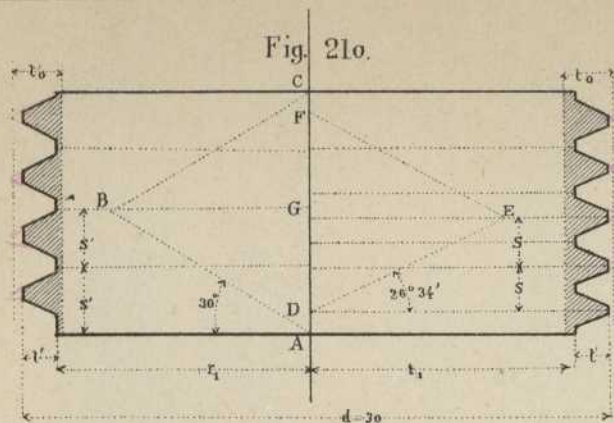
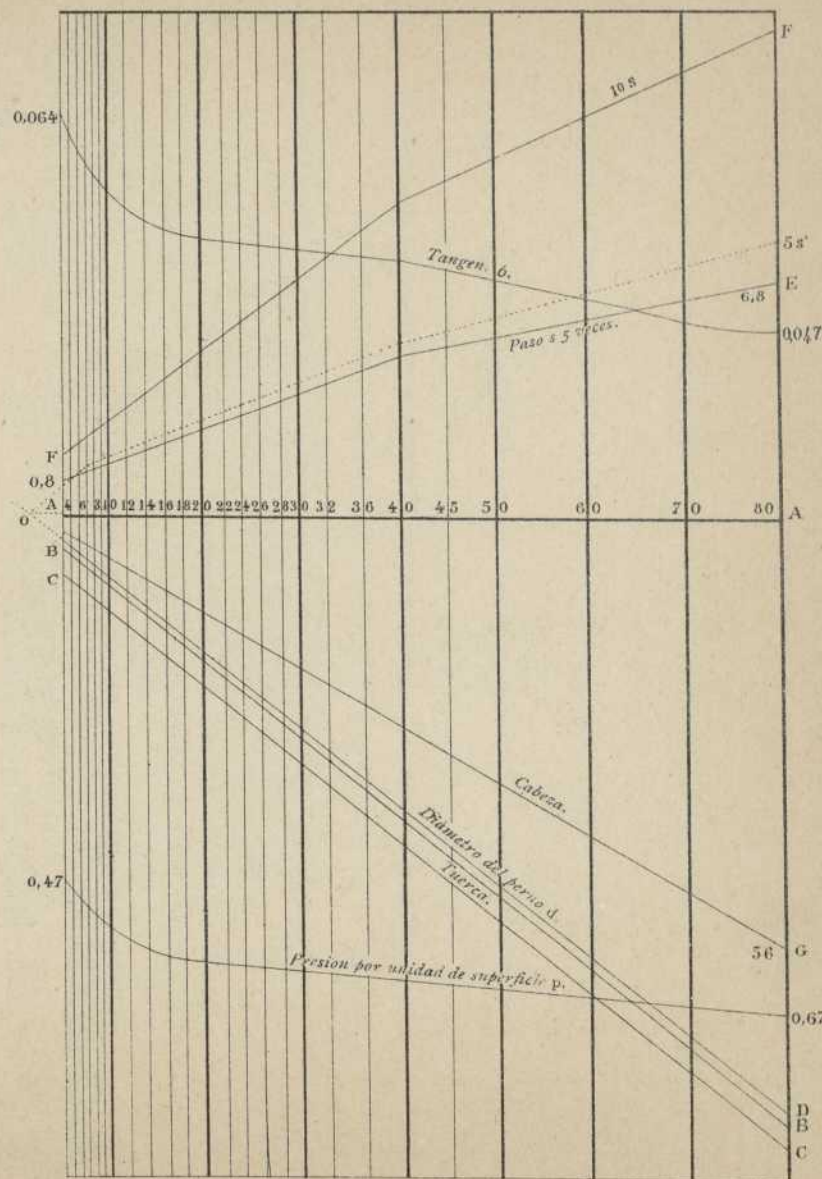


Fig. 215.



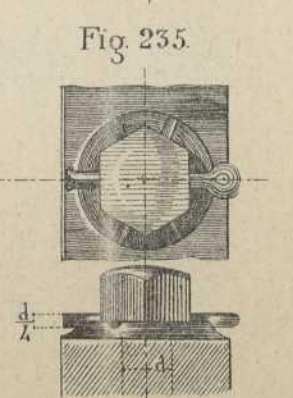
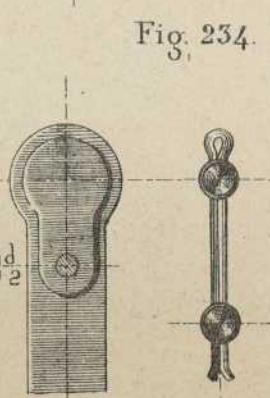
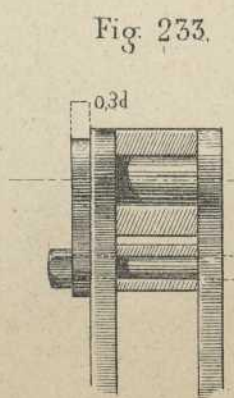
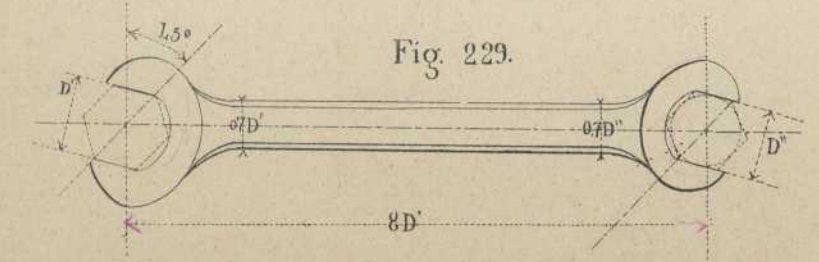
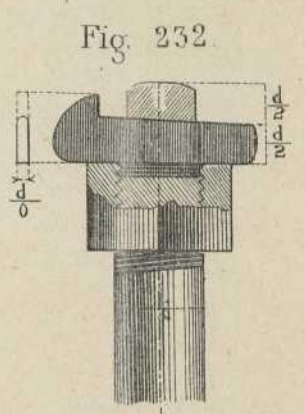
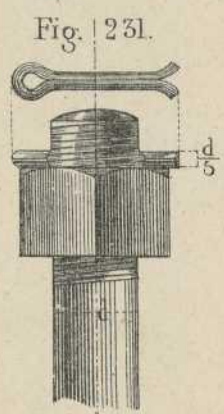
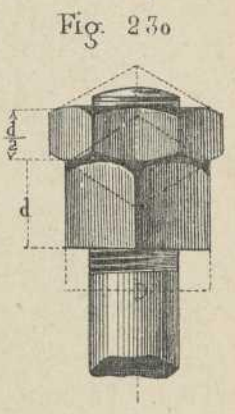
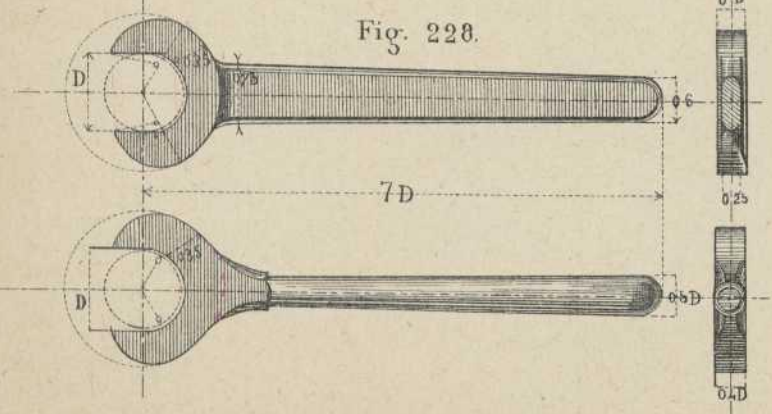
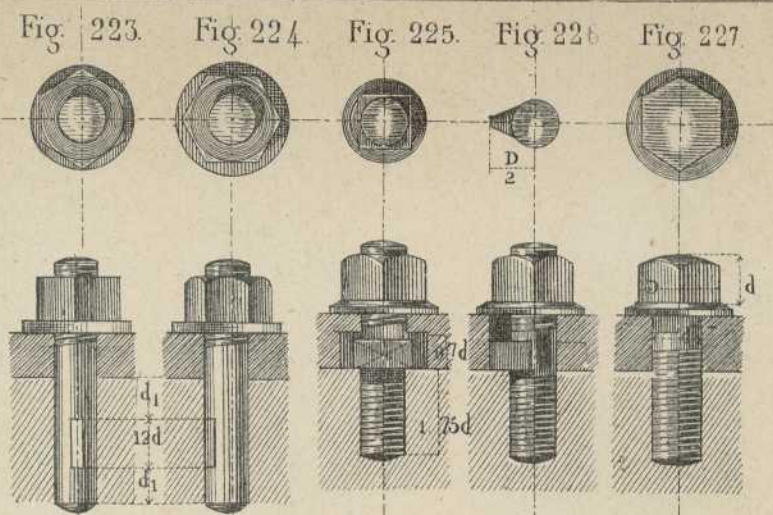
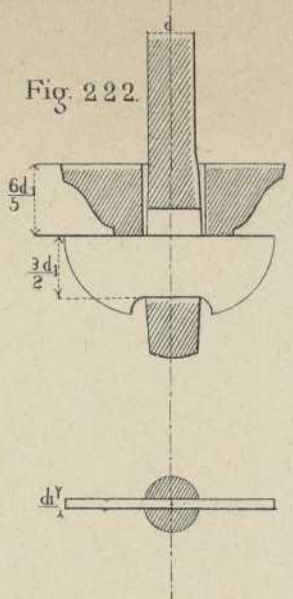
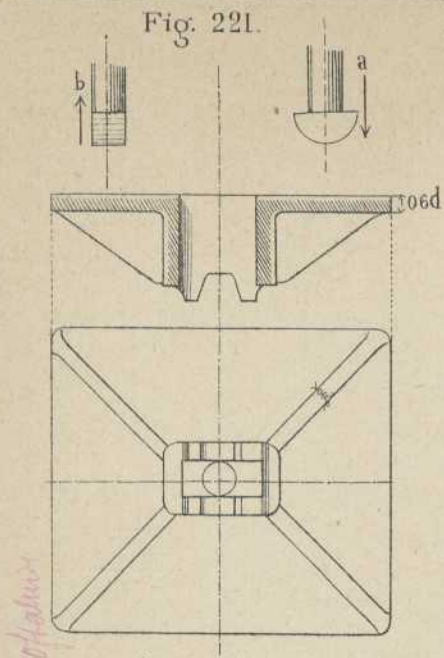


Fig. 236.

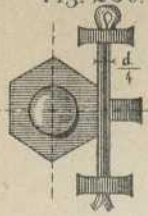


Fig. 237.

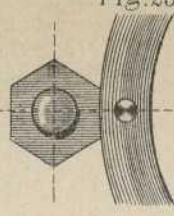


Fig. 238.

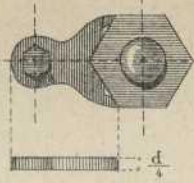


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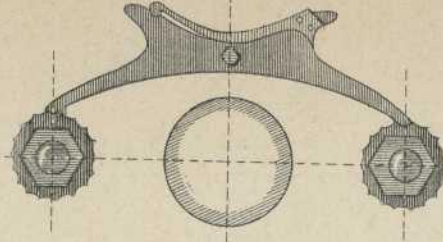


Fig. 240.

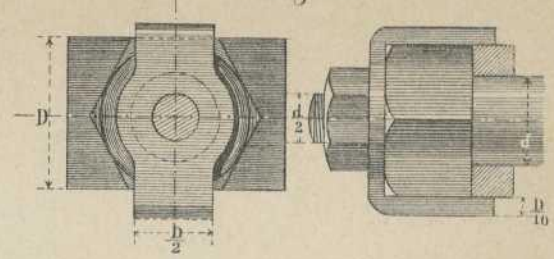


Fig. 241.

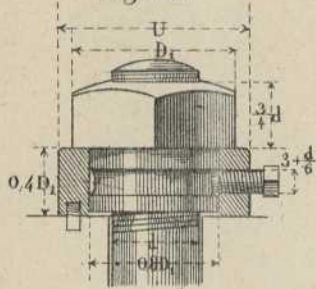


Fig. 243.

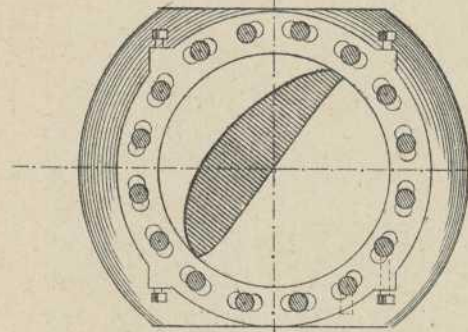


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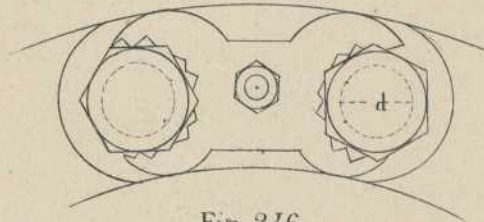


Fig. 246.

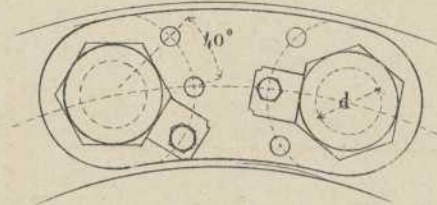


Fig. 242.

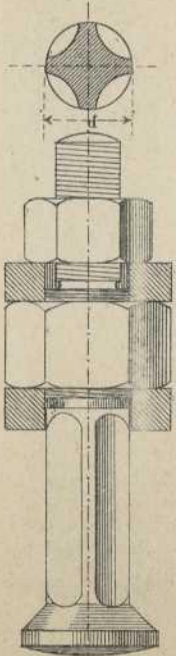


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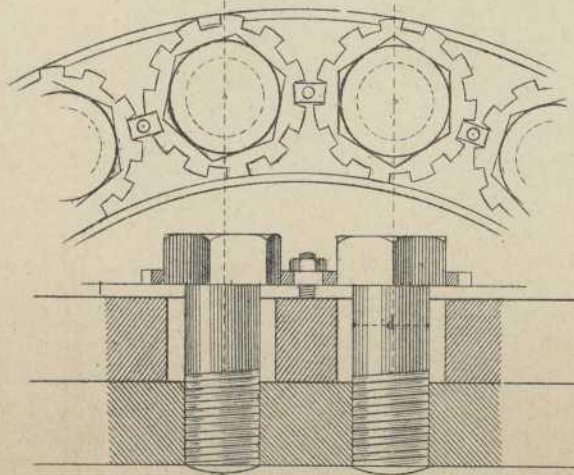


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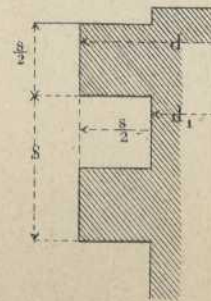


Fig. 248.

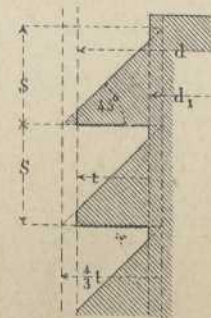


Fig. 249.

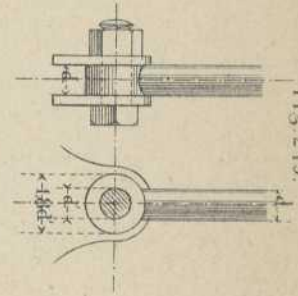
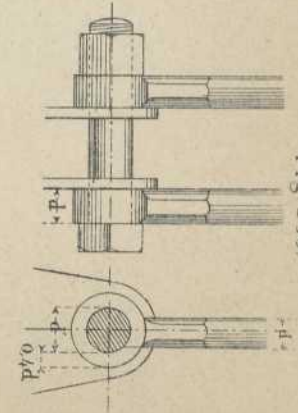
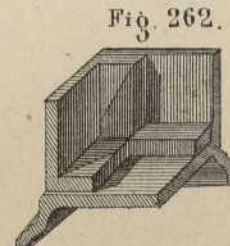
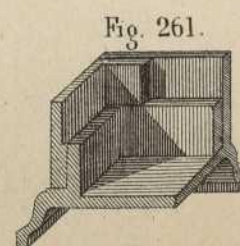
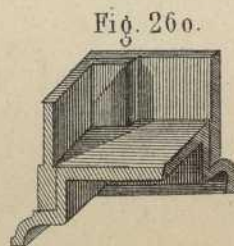
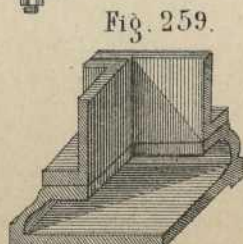
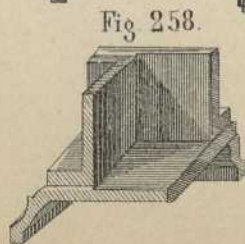
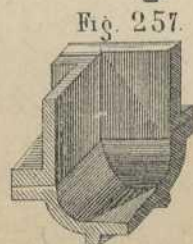
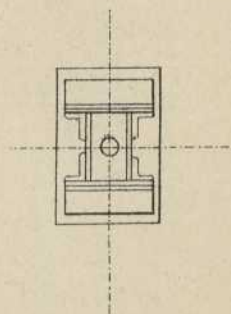
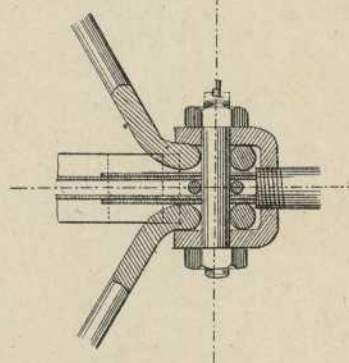
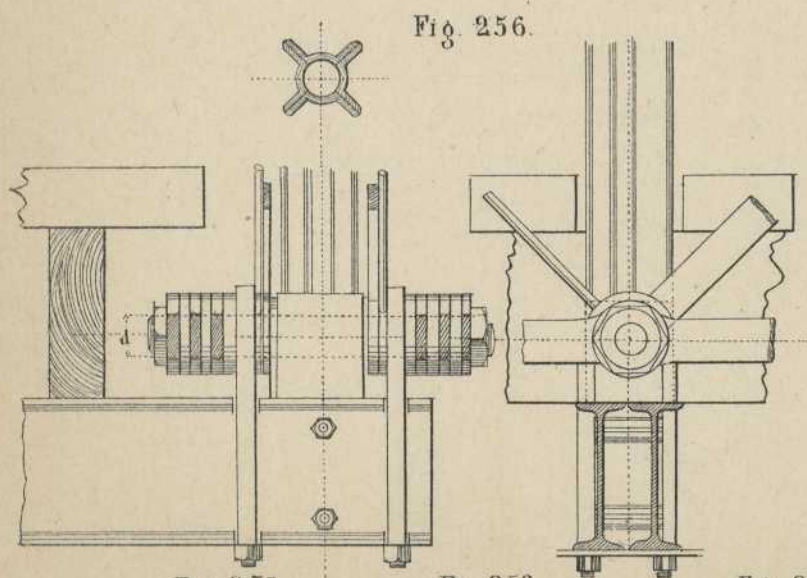
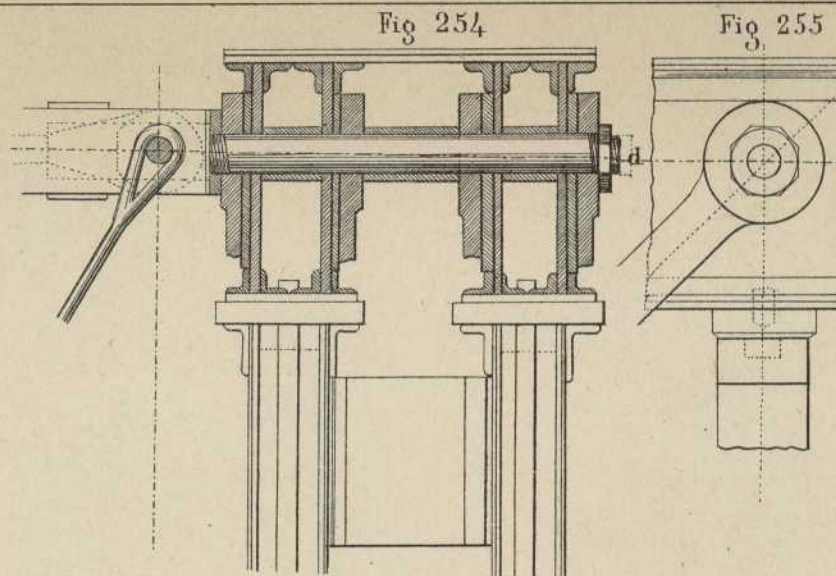
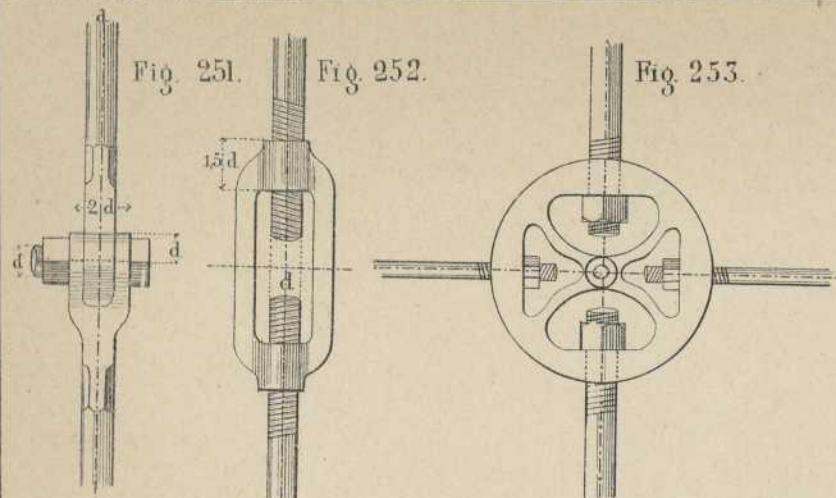


Fig. 250.



J. G.



A.S.

Fig 263.

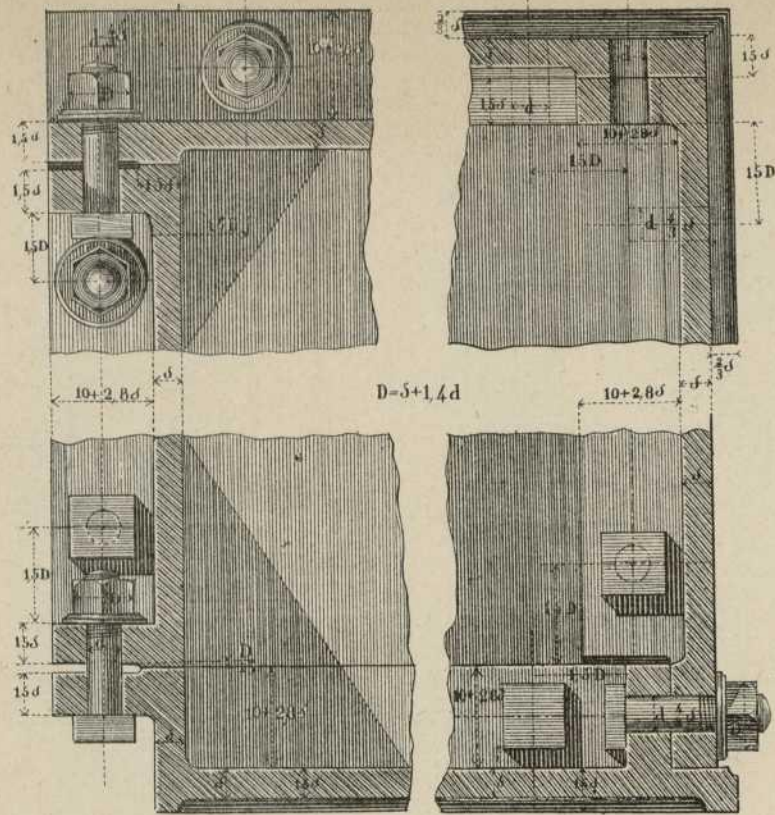


Fig 265

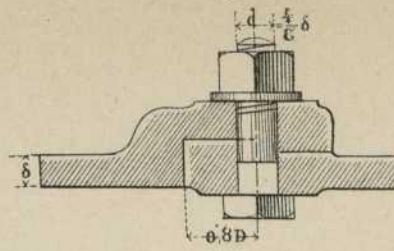


Fig 266.

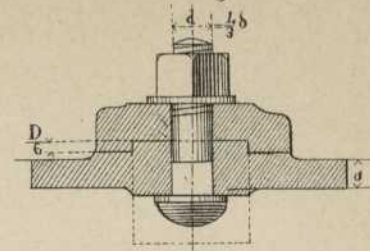


Fig. 267.

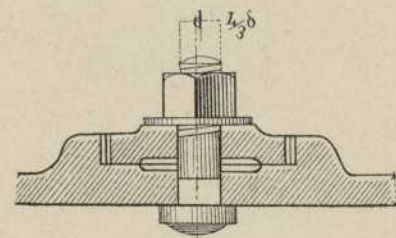


Fig. 268.

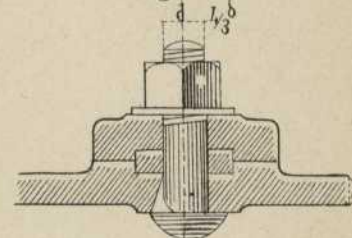
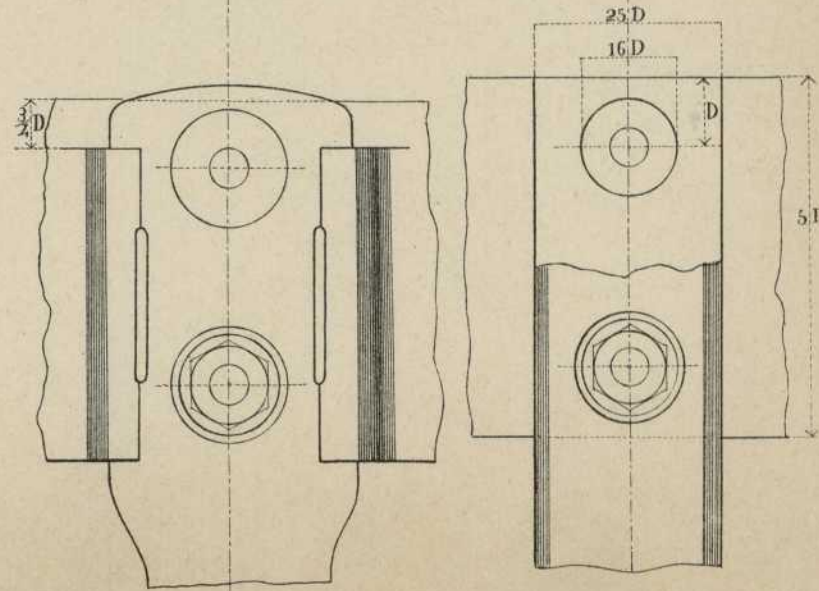
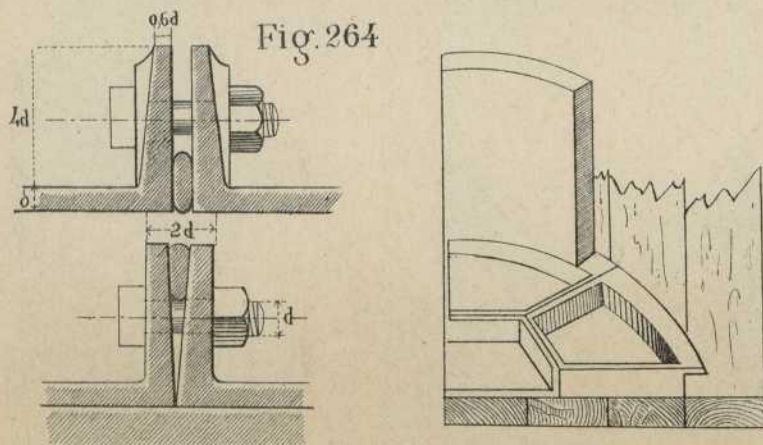


Fig. 264



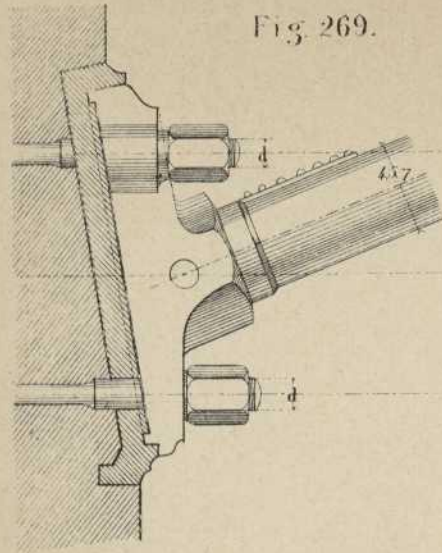


Fig. 269.

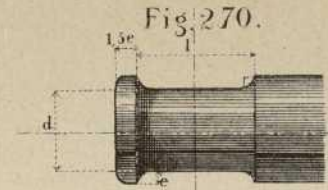
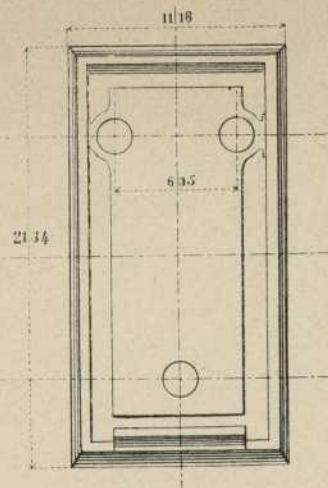


Fig. 270.

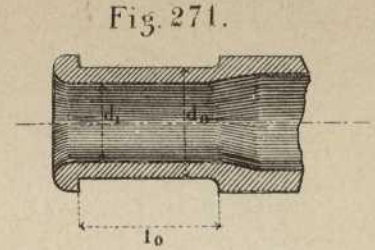


Fig. 271.

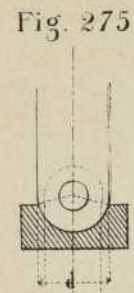


Fig. 275

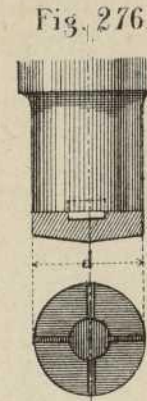


Fig. 276.

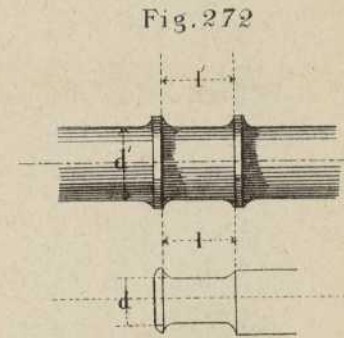


Fig. 272

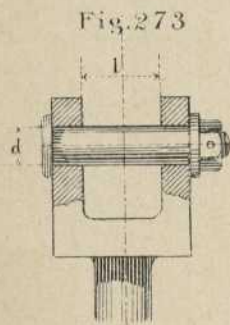


Fig. 273

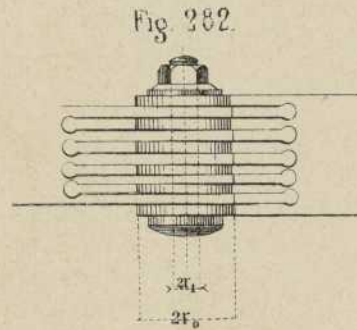


Fig. 282

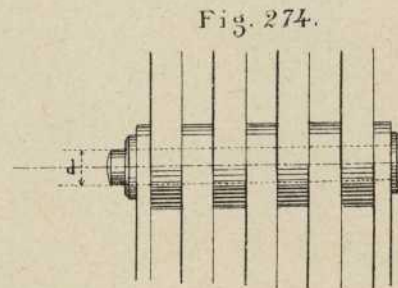


Fig. 274.

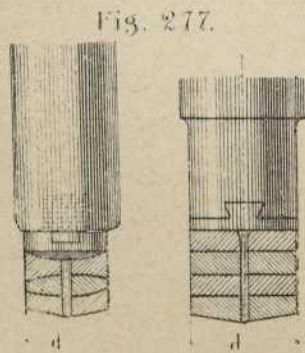


Fig. 277.

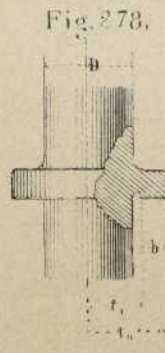


Fig. 278.

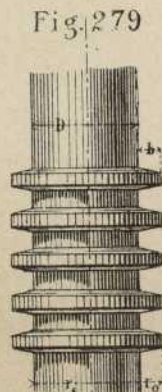


Fig. 279

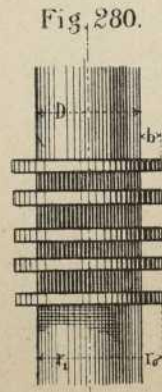


Fig. 280.

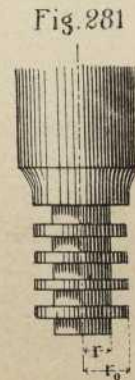


Fig. 281

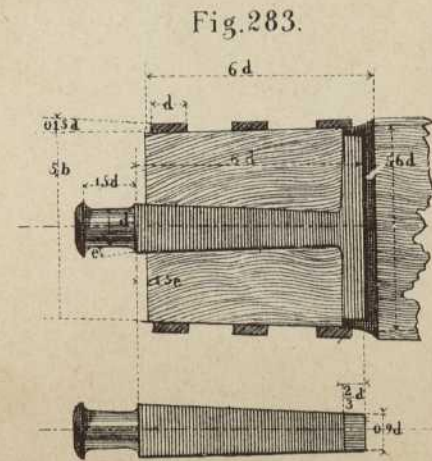


Fig. 283.

J. G.

Fig. 284.

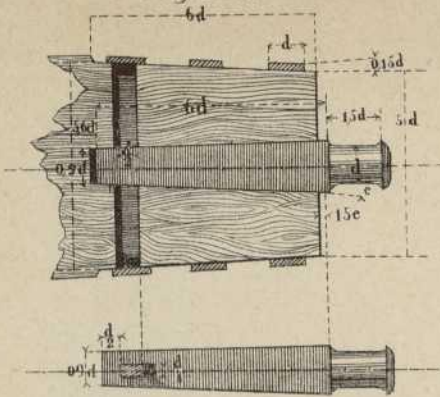


Fig. 285.

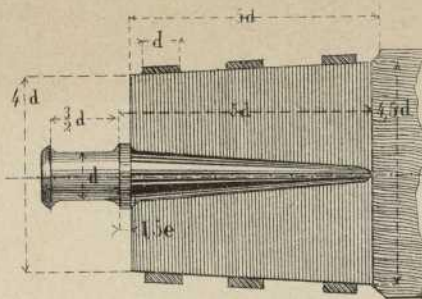


Fig. 286.

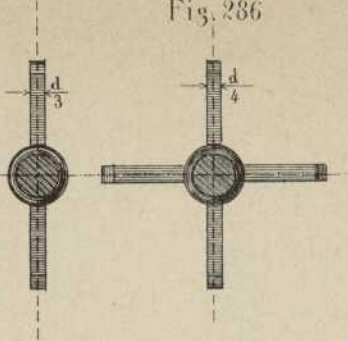


Fig. 289.

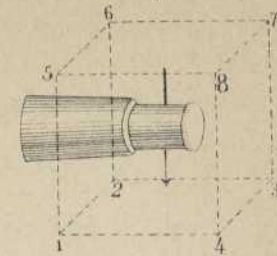


Fig. 288.

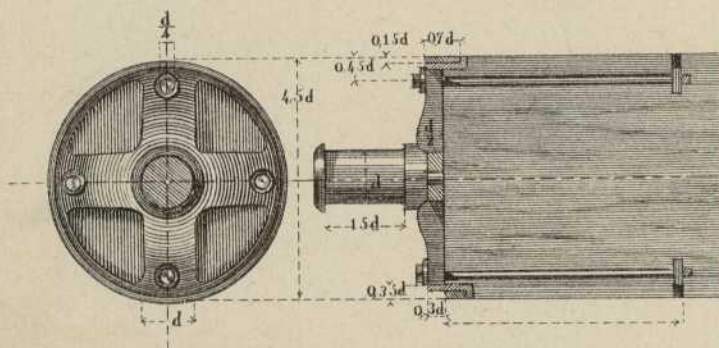


Fig. 290.

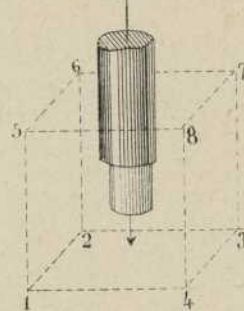


Fig. 291.

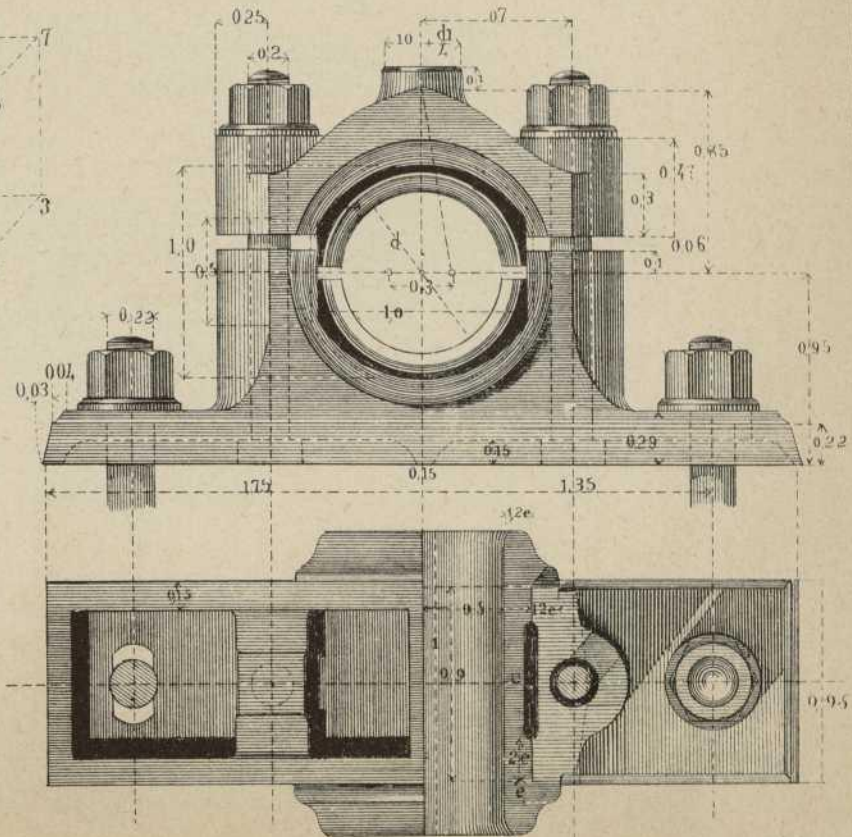
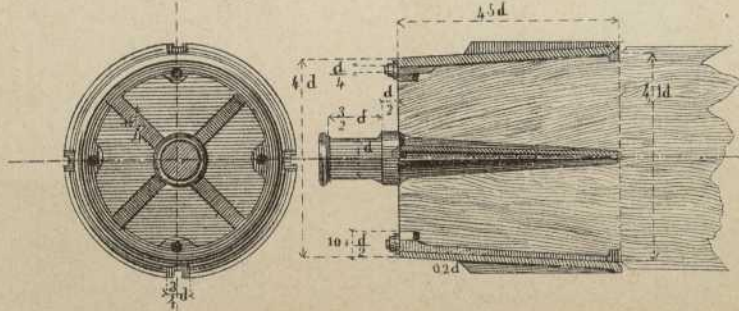


Fig. 287.



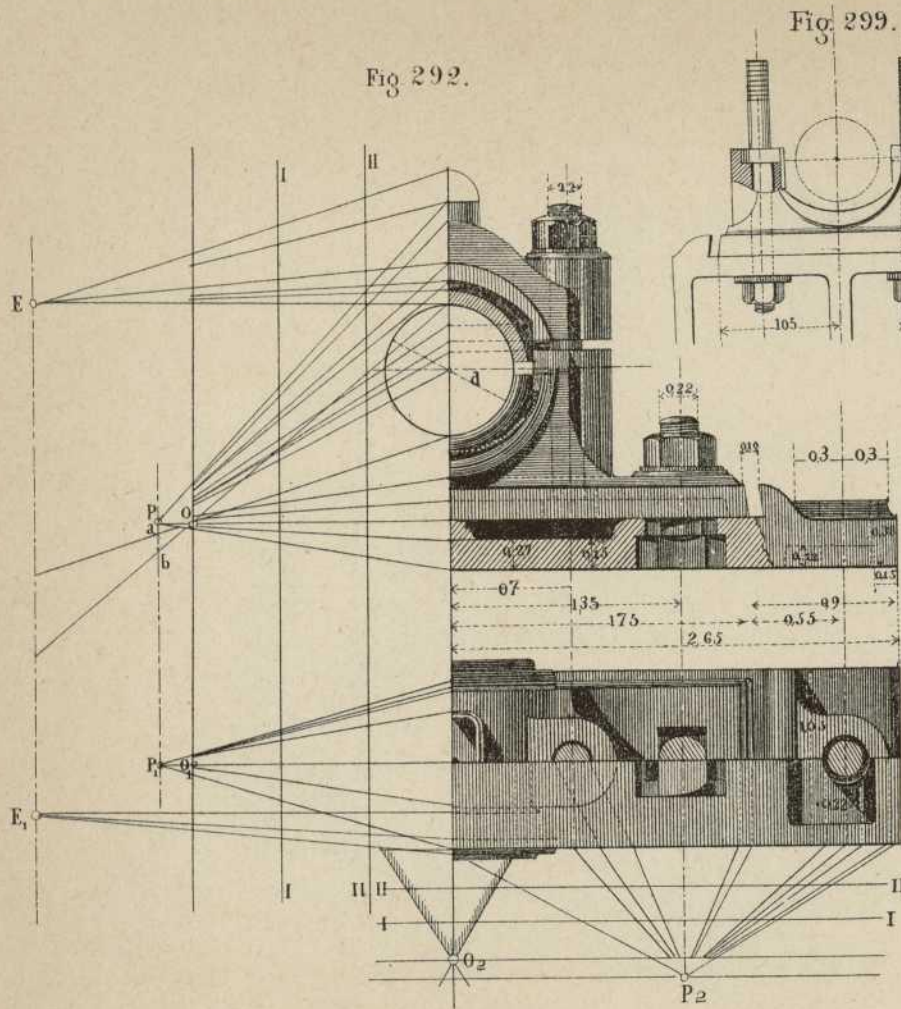


Fig. 299.

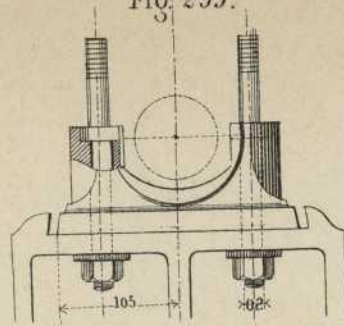


Fig. 296

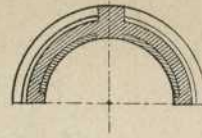


Fig. 298

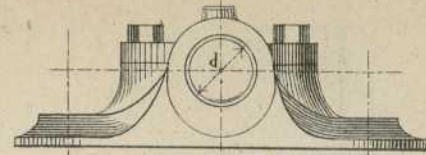


Fig. 297

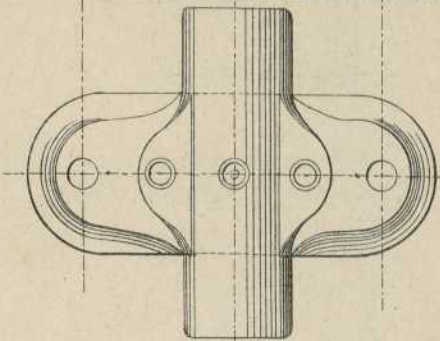
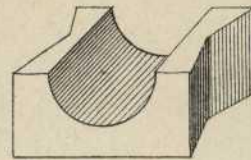


Fig. 300

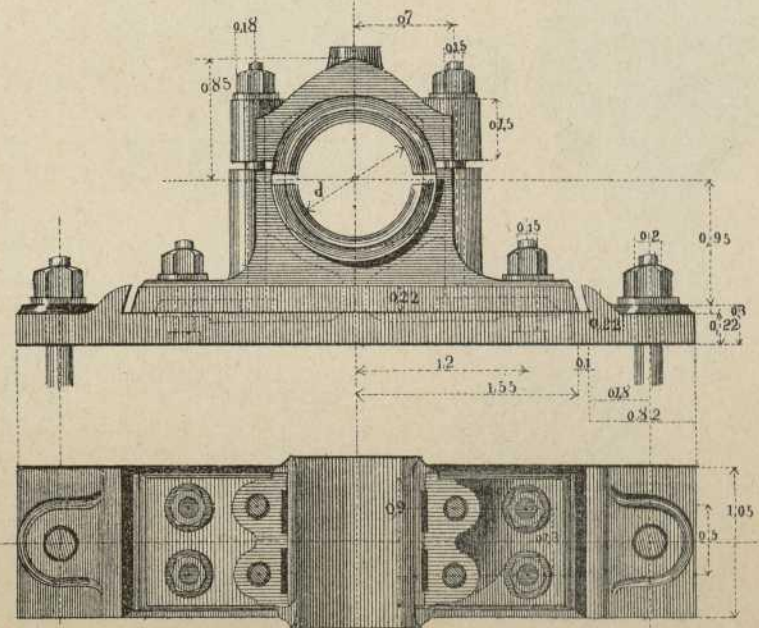


Fig. 293.

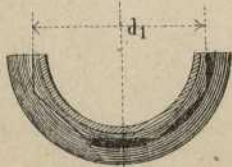


Fig. 294

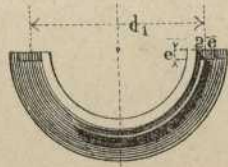


Fig. 295

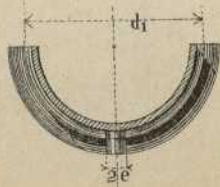


Fig. 301.

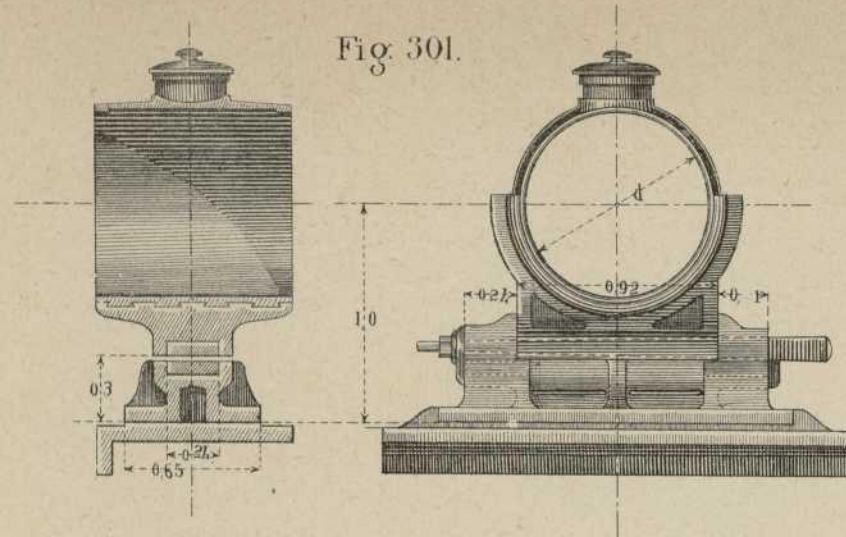


Fig. 302.

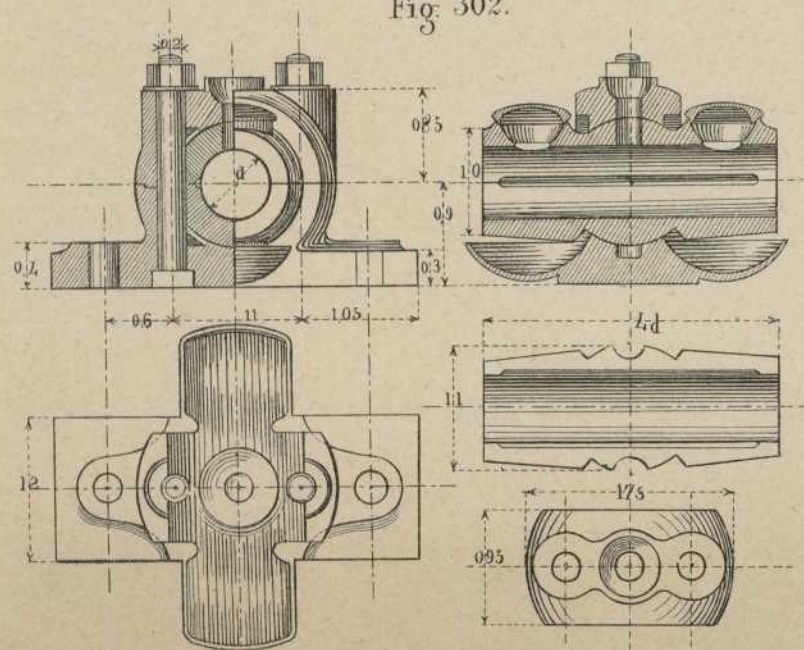


Fig. 303.

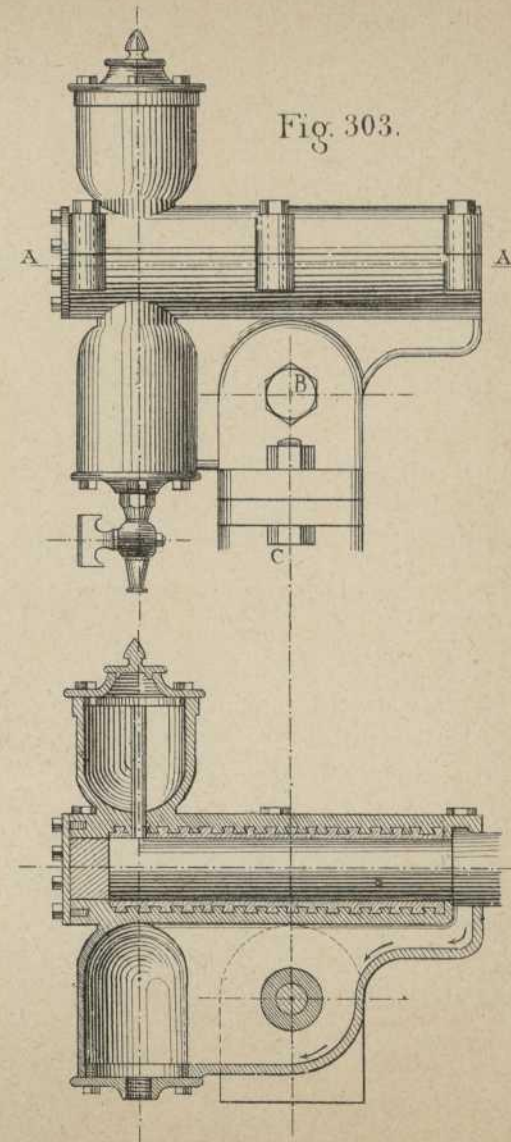


Fig. 306.

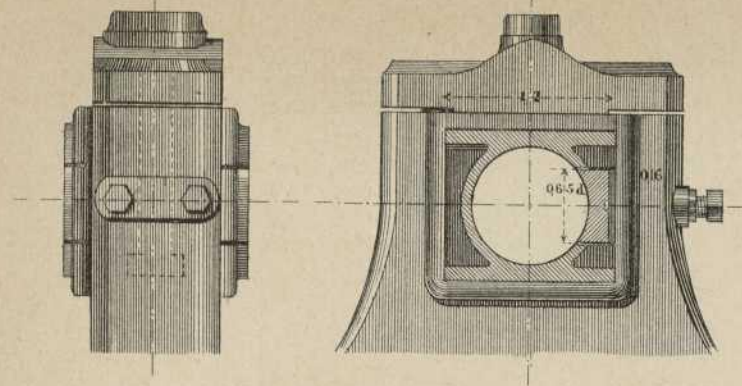


Fig. 305

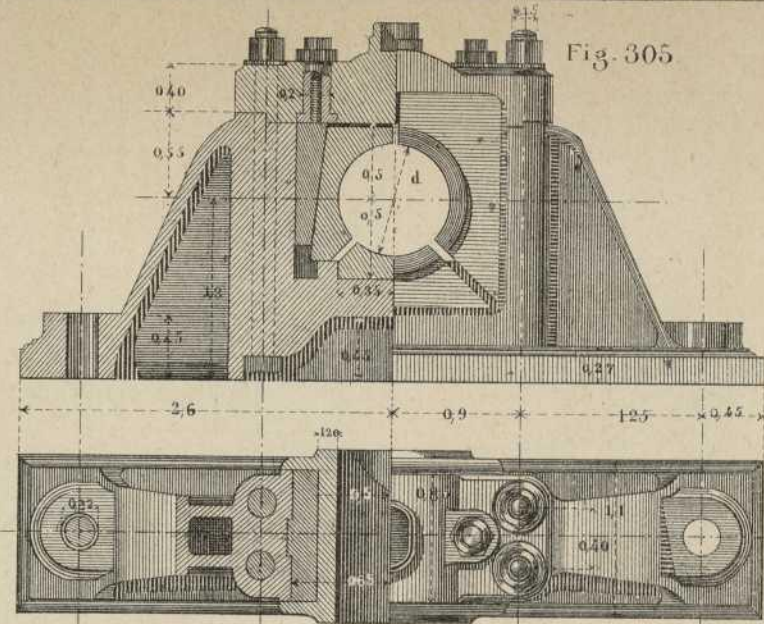


Fig. 304

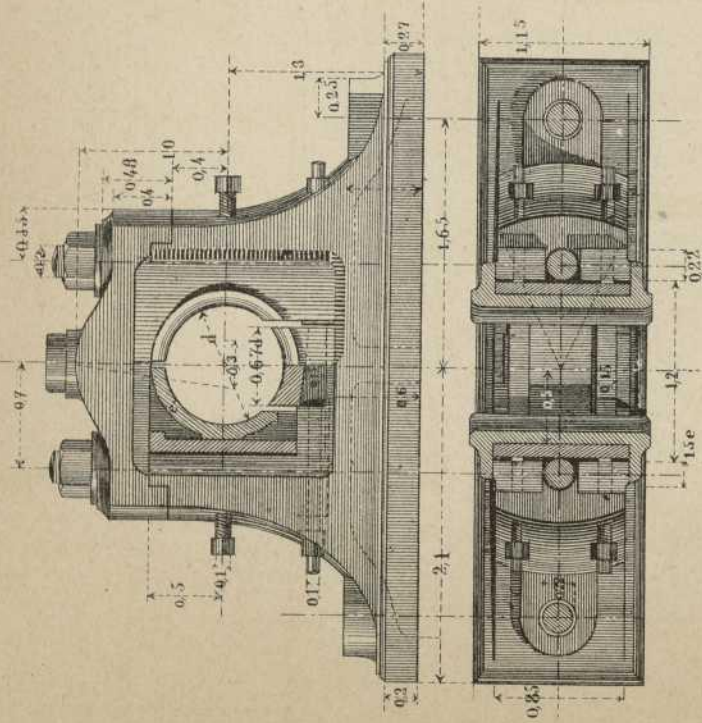


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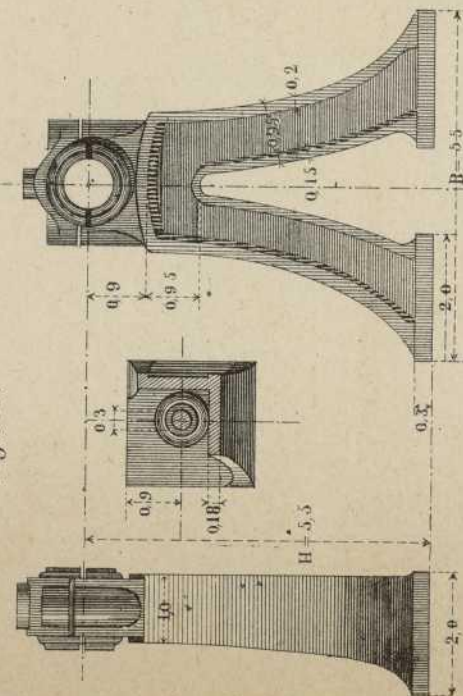


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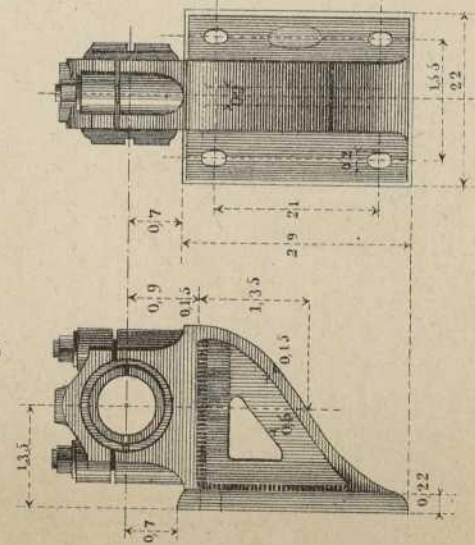


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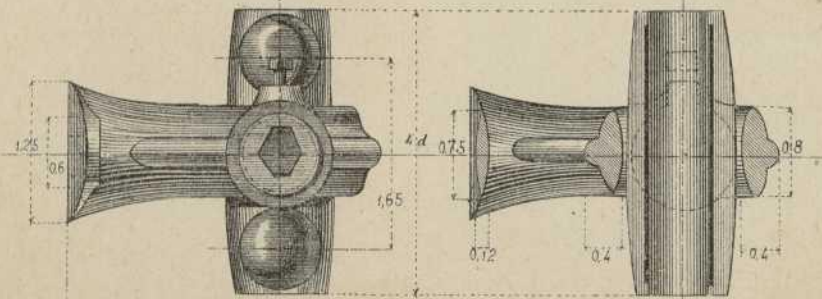
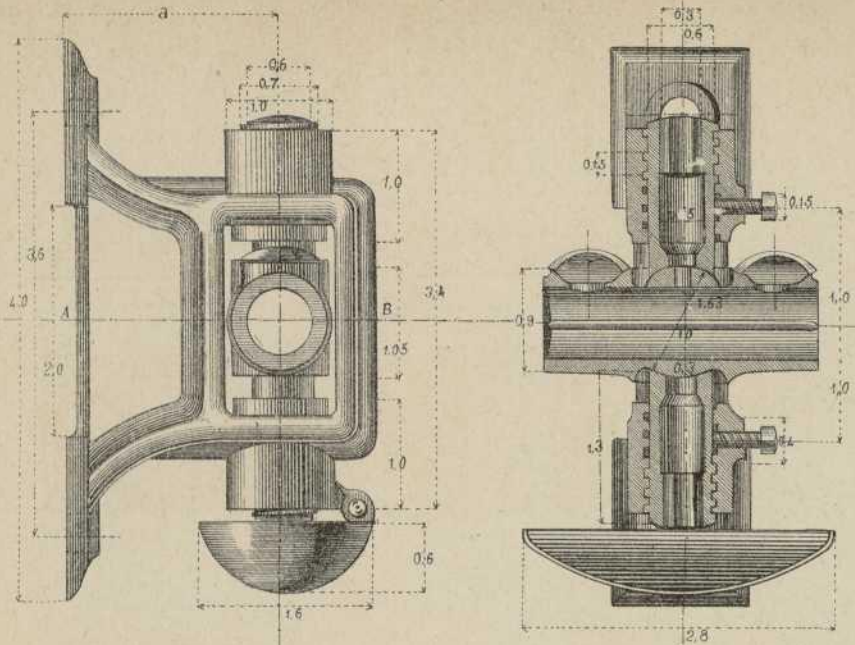


Fig. 312

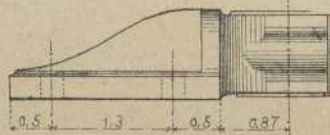


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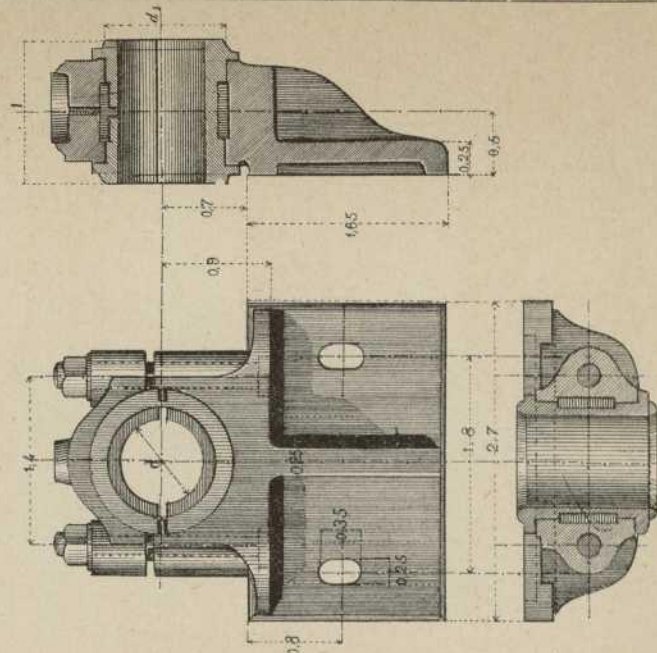


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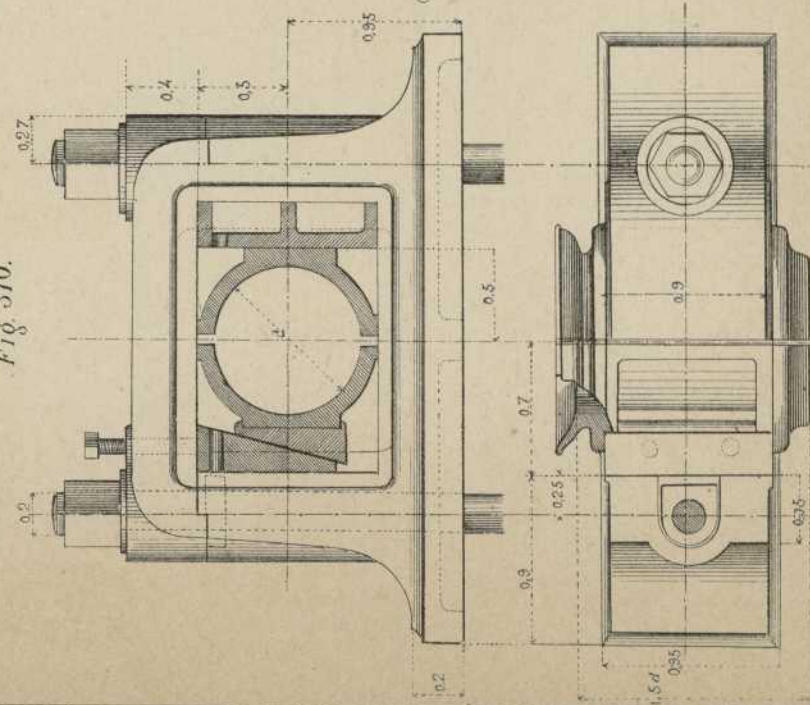


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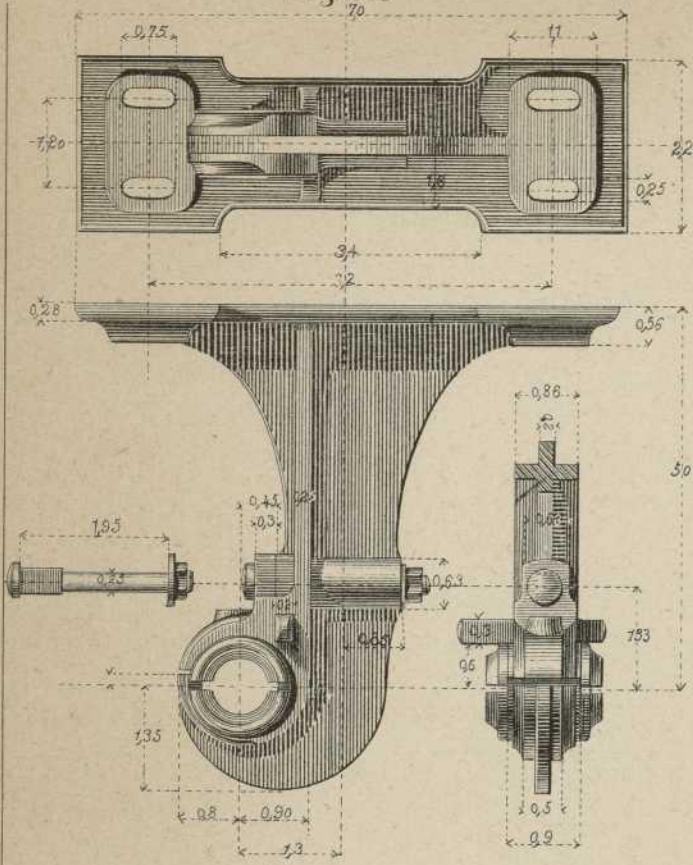


Fig. 314

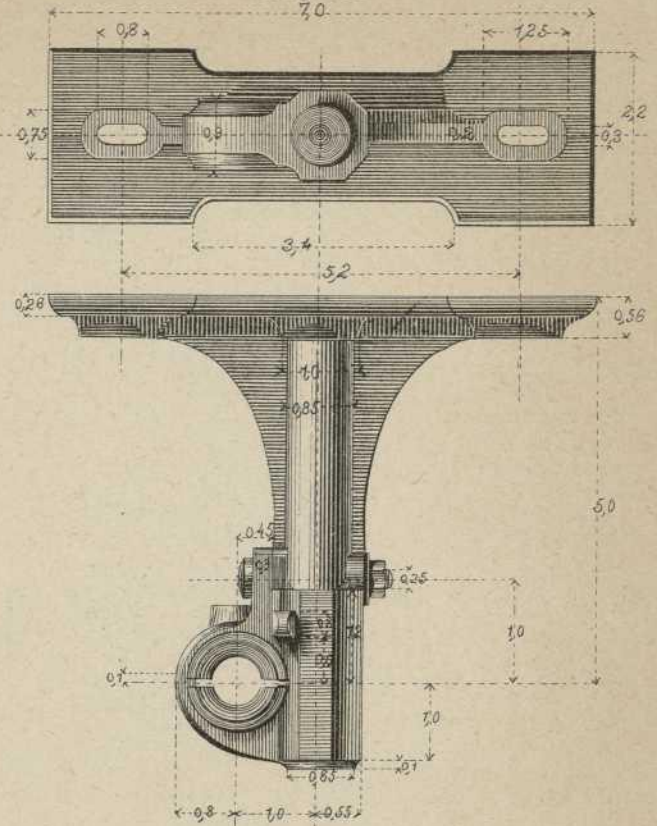


Fig. 315

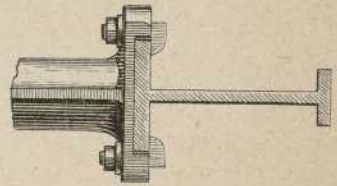


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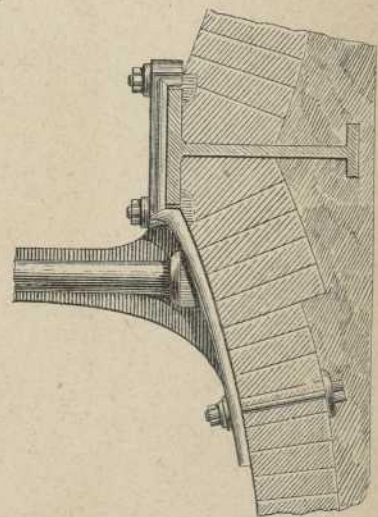
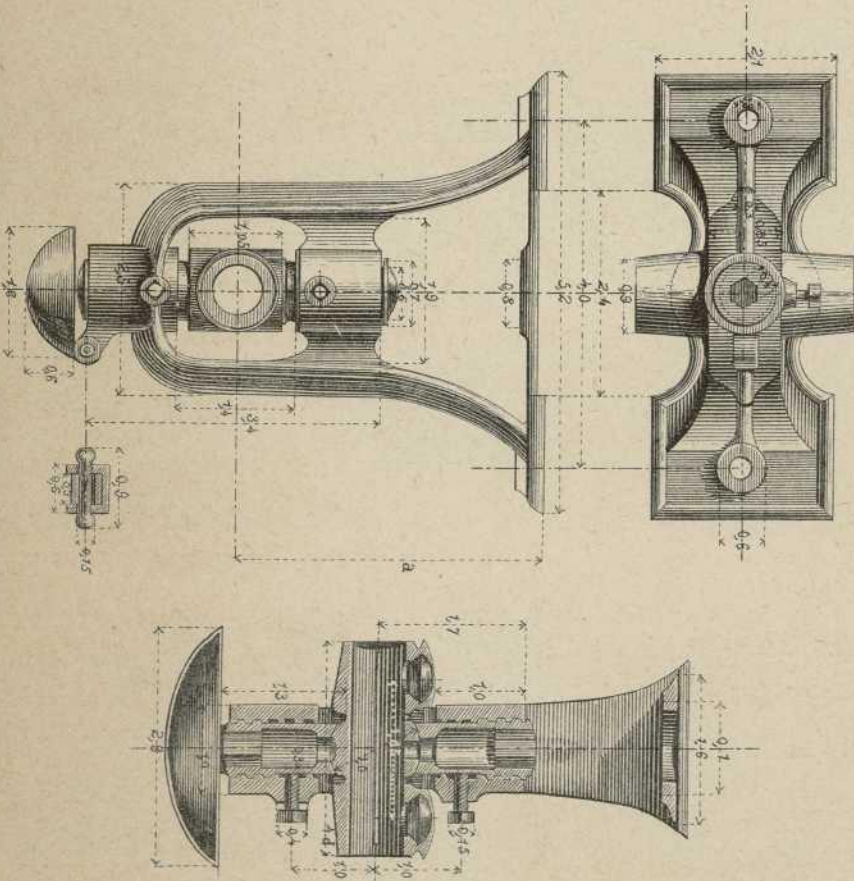


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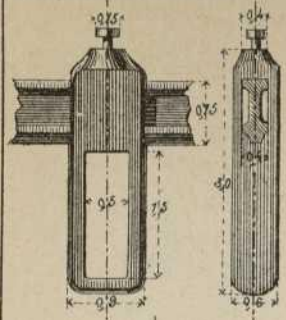


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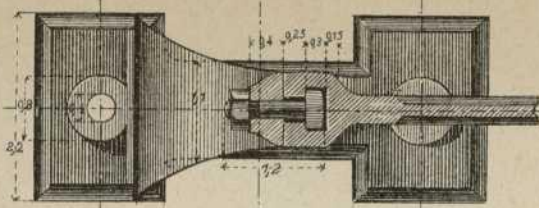


Fig. 320

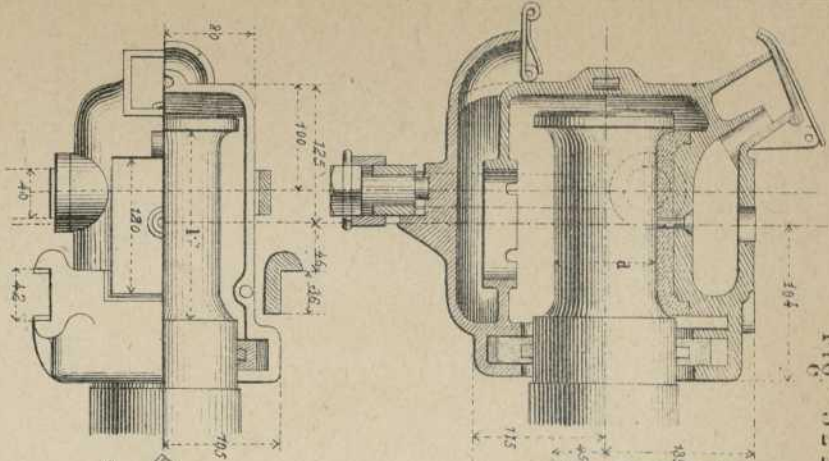
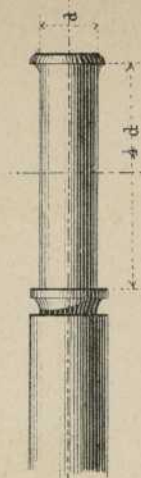


Fig. 322

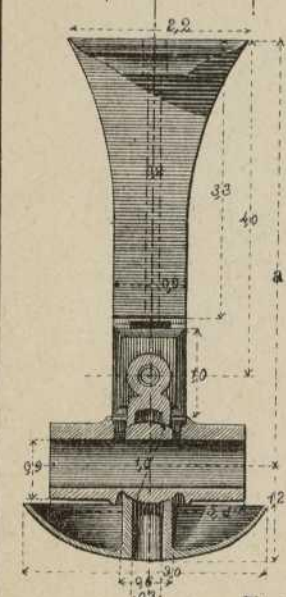


Fig. 321

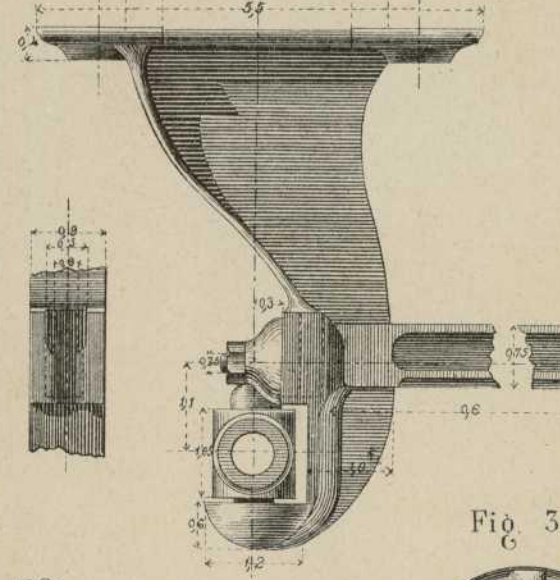


Fig. 319

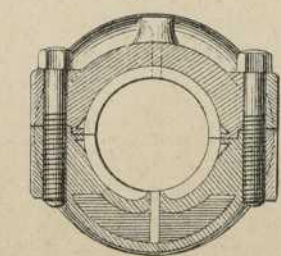
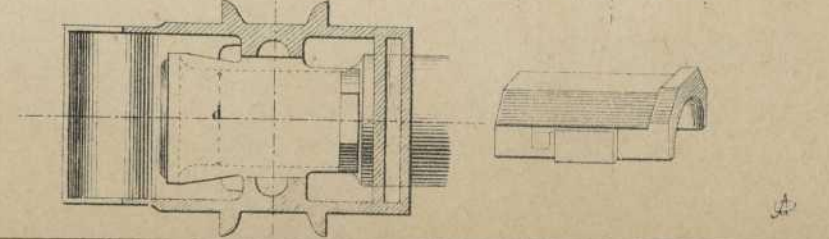
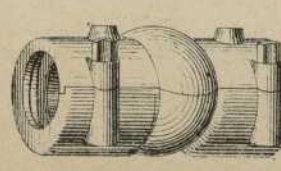
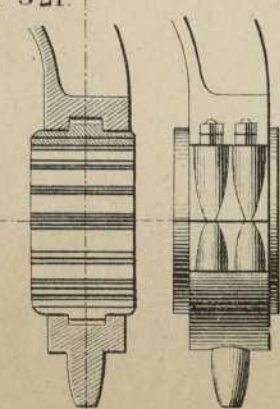
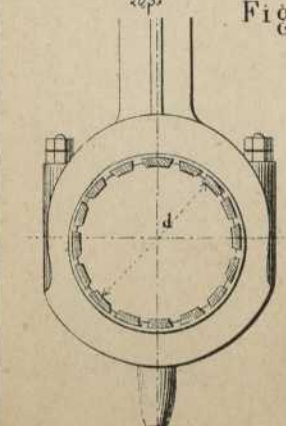
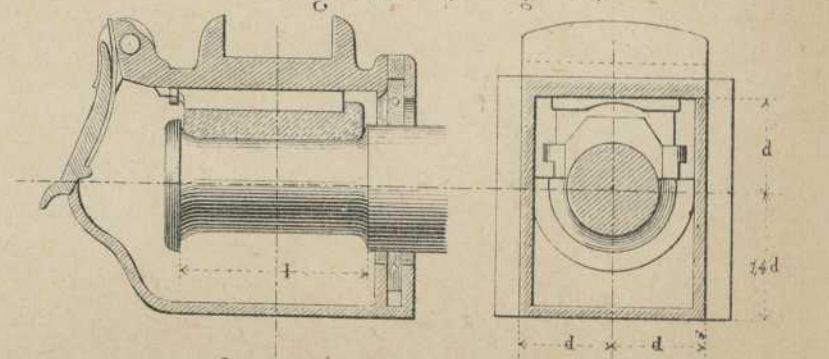


Fig. 325



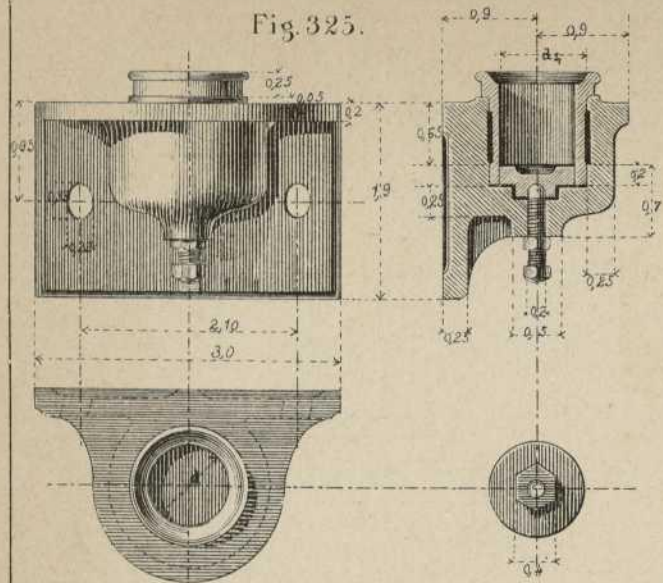


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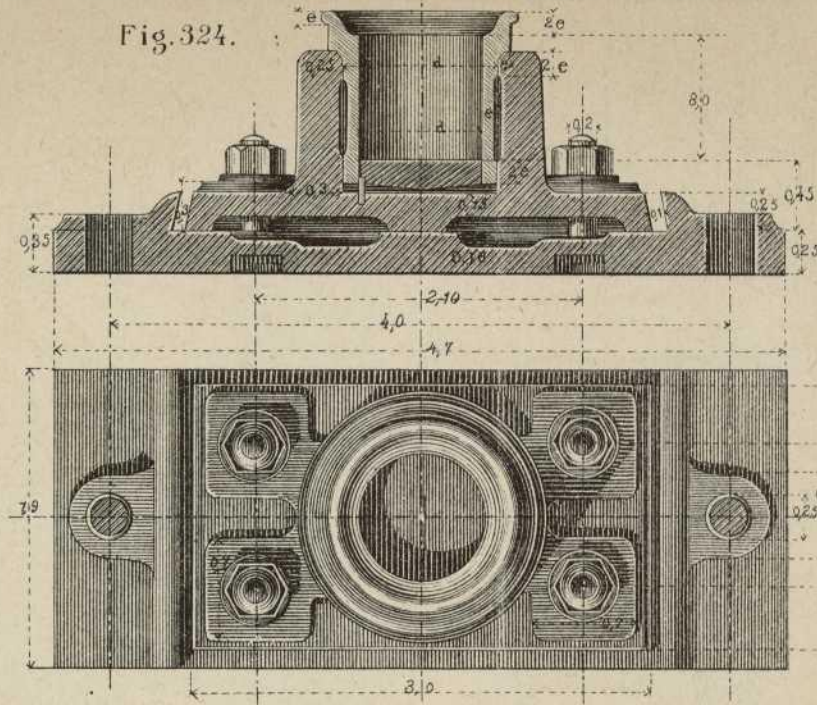


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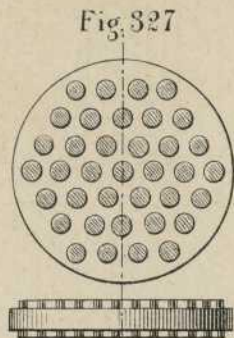


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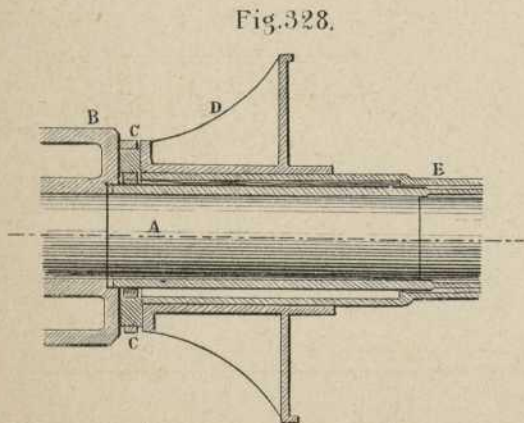


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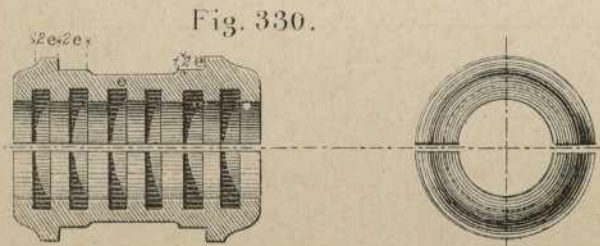


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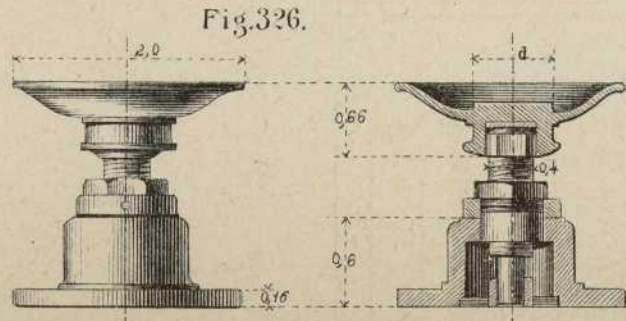


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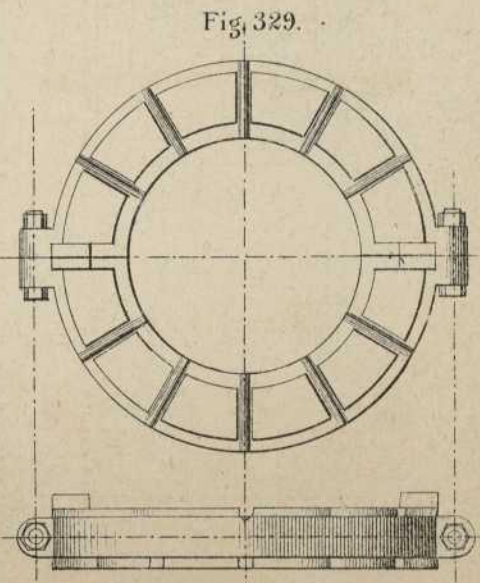


Fig. 329.

Fig. 331.

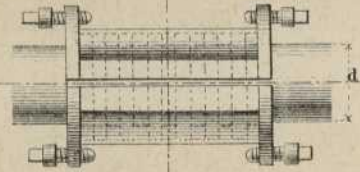


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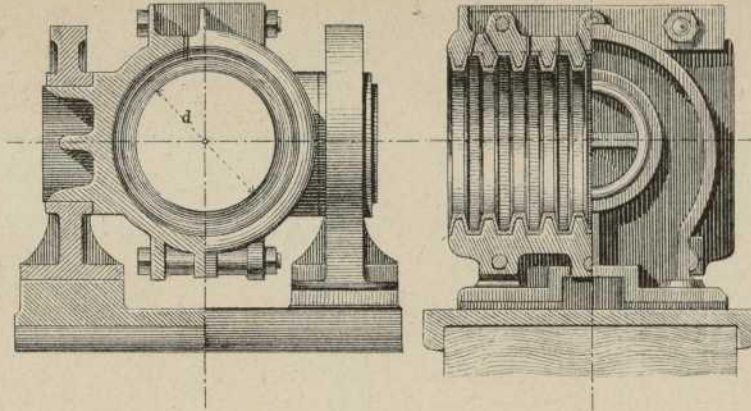


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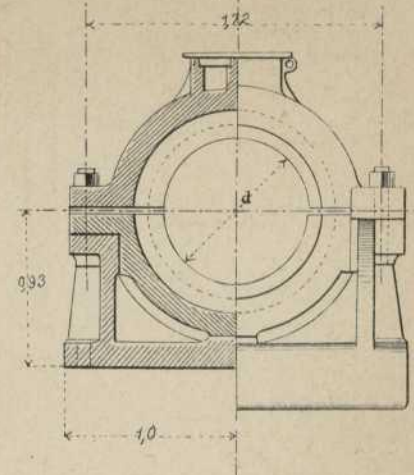


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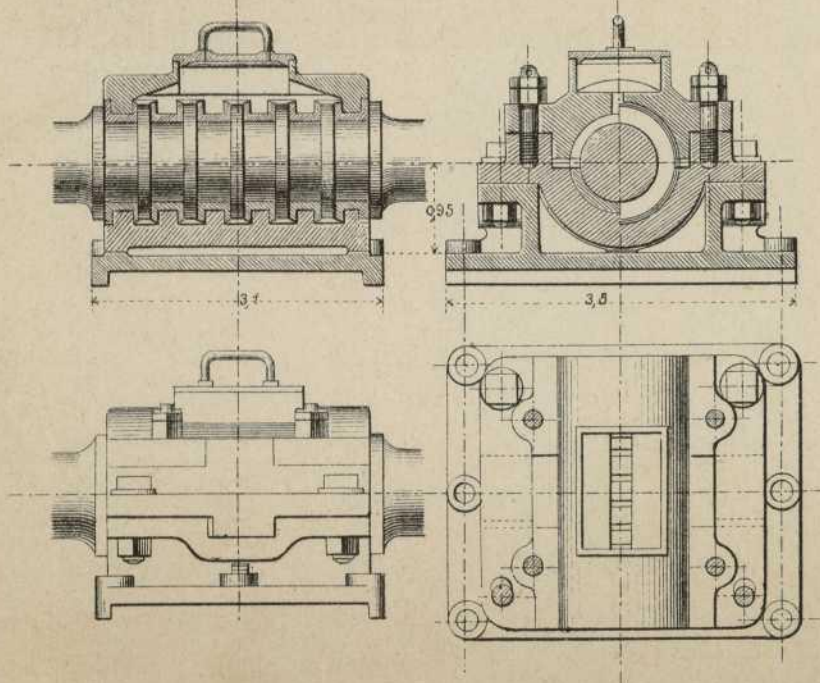
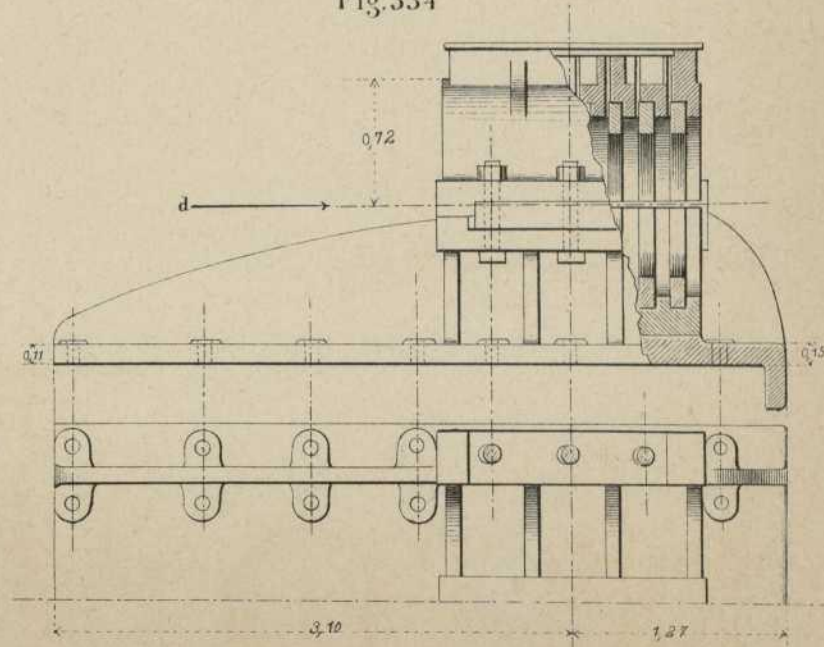


Fig. 334



A

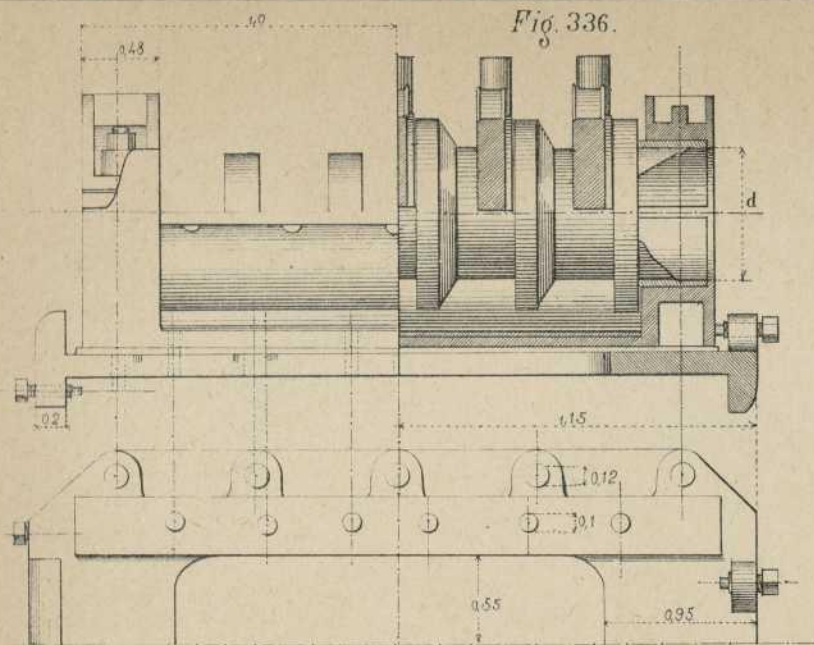


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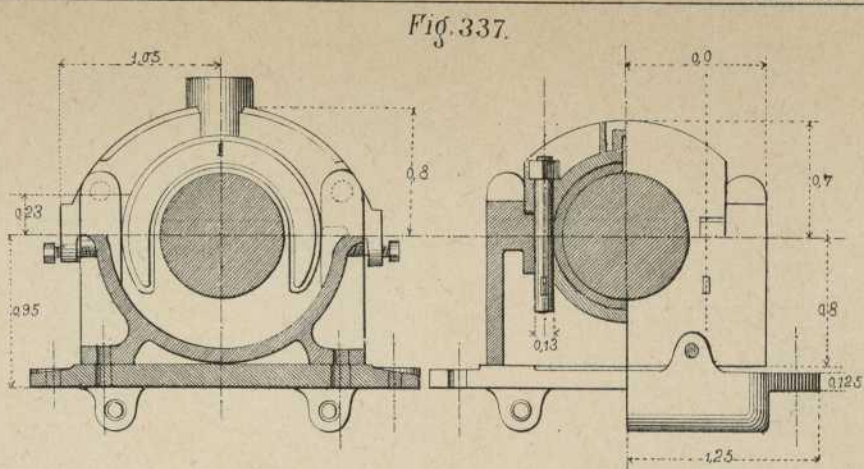


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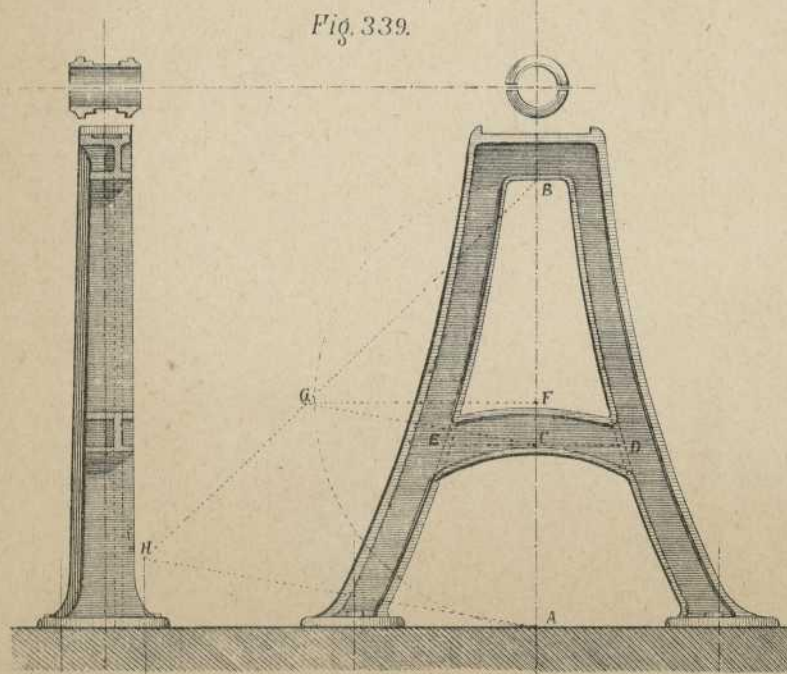


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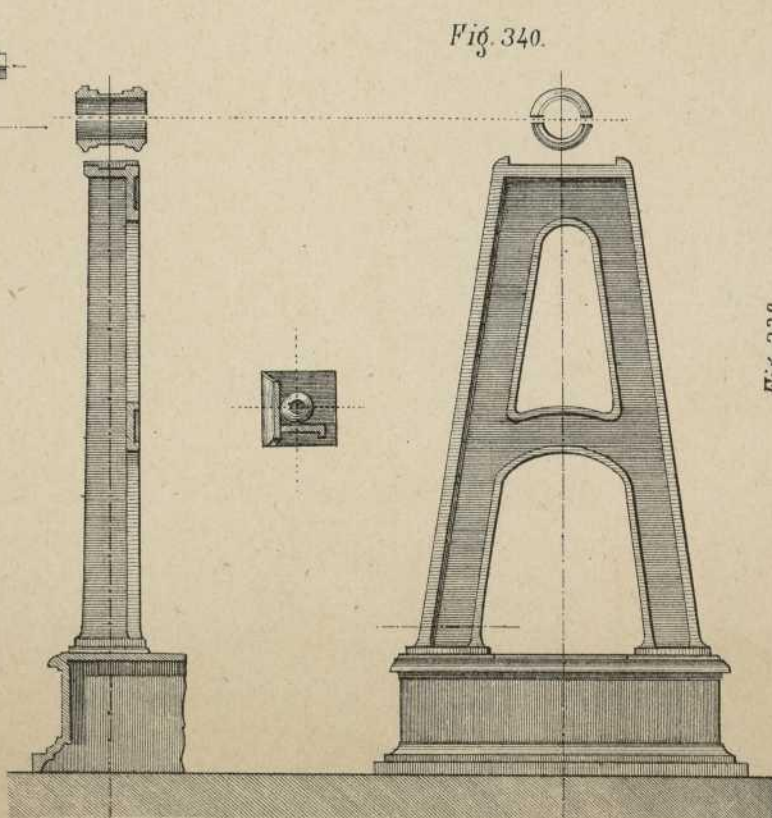


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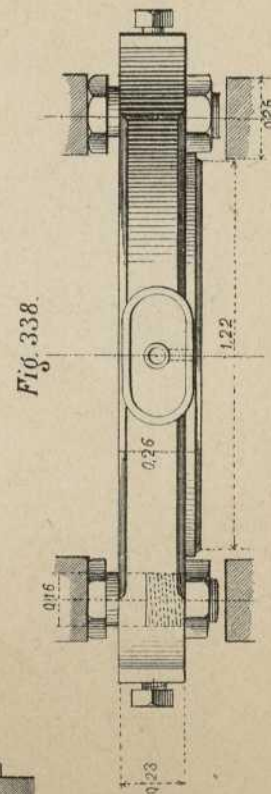


Fig. 338.

Fig. 341.

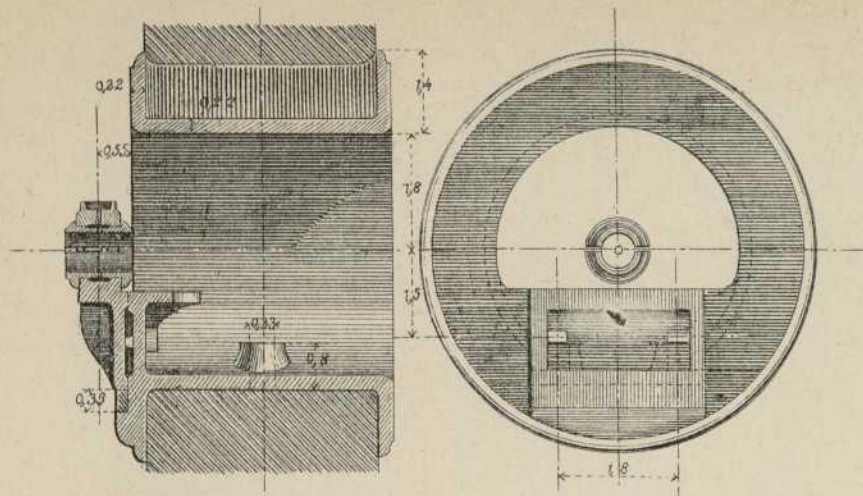


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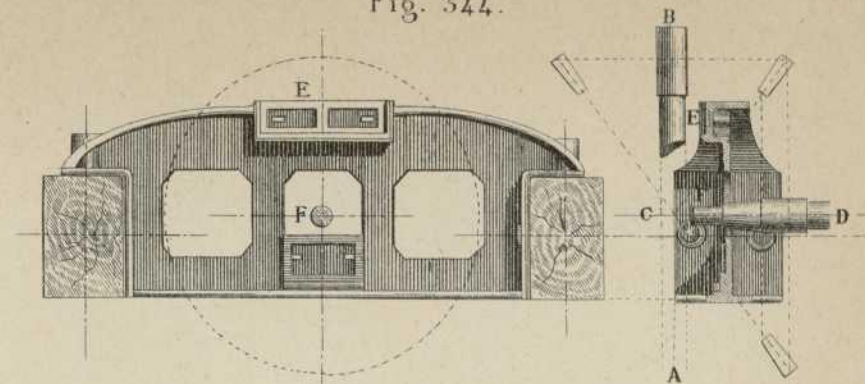


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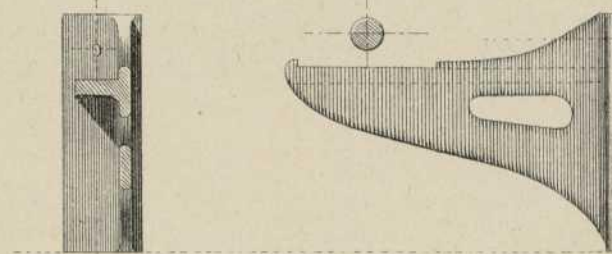


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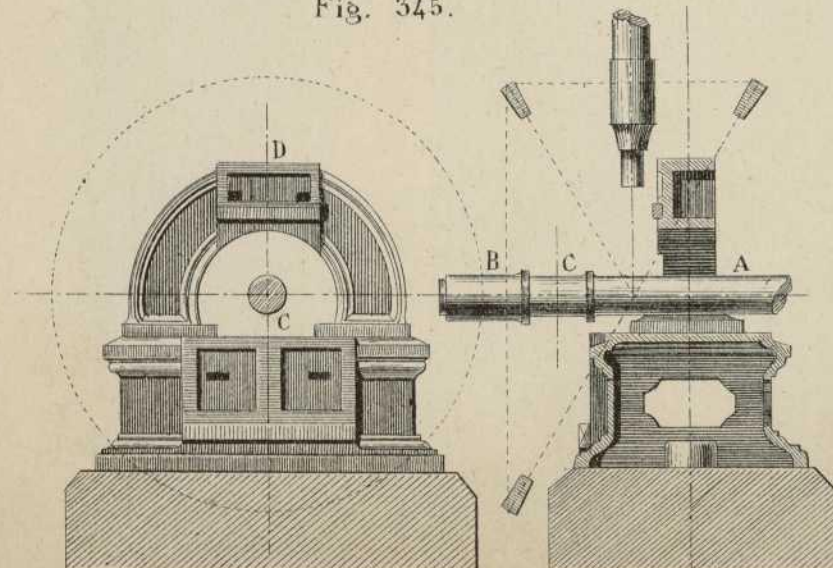
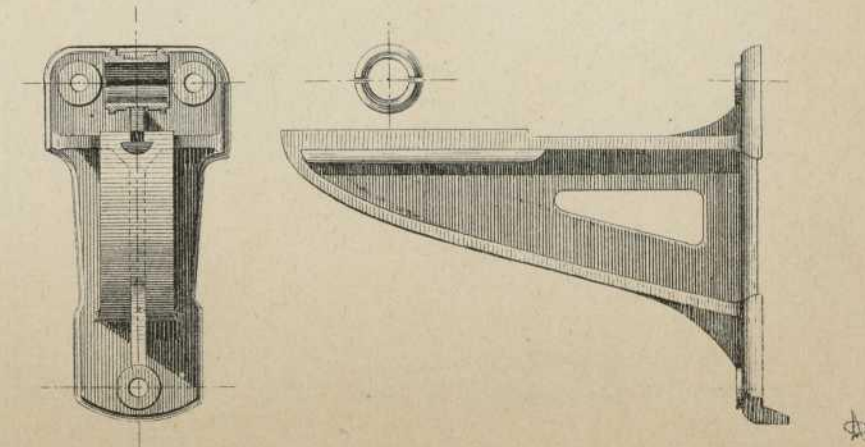


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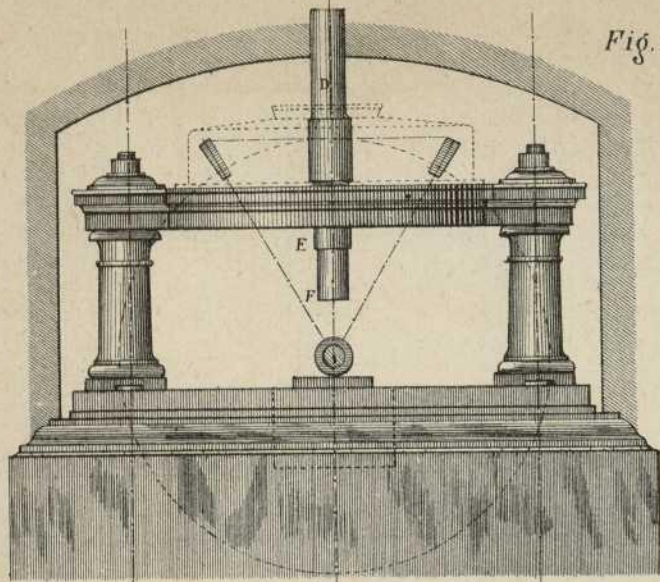


Fig. 346

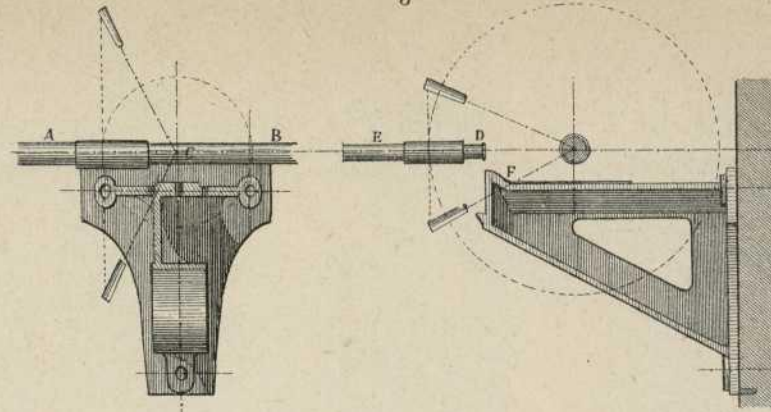


Fig. 350

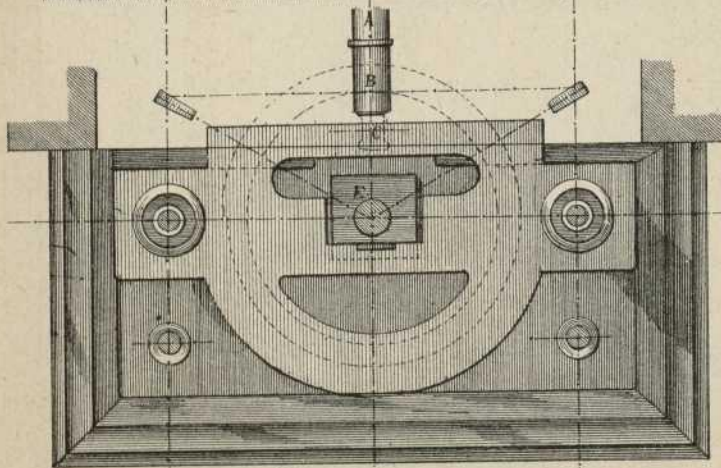


Fig. 347

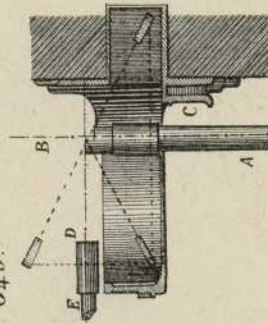
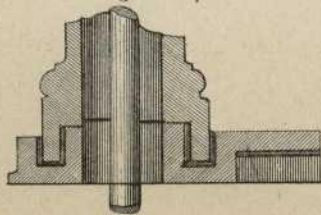


Fig. 349

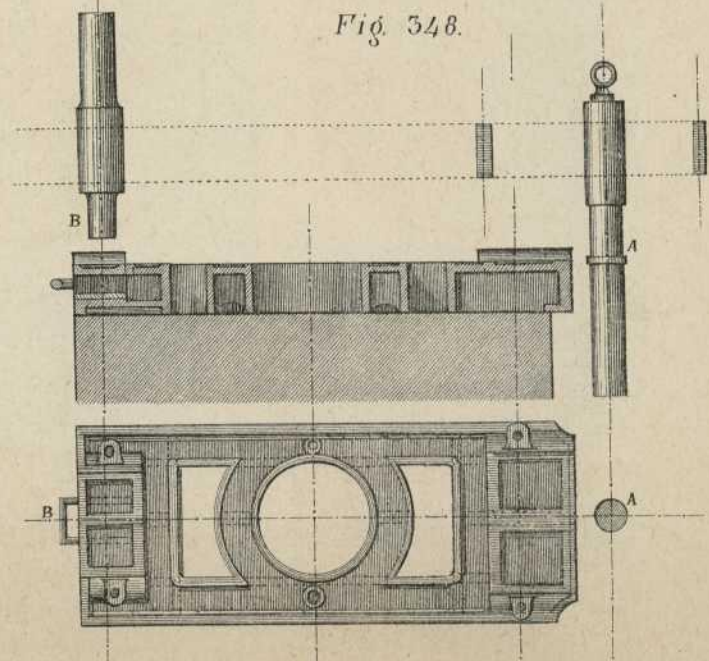
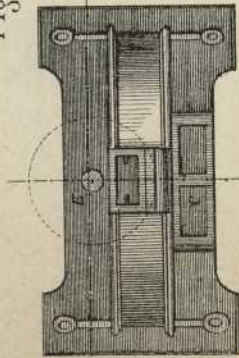


Fig. 348

Fig. 351.

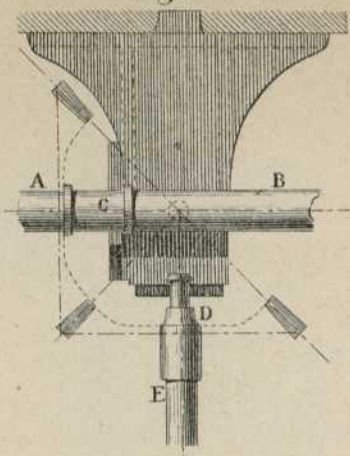


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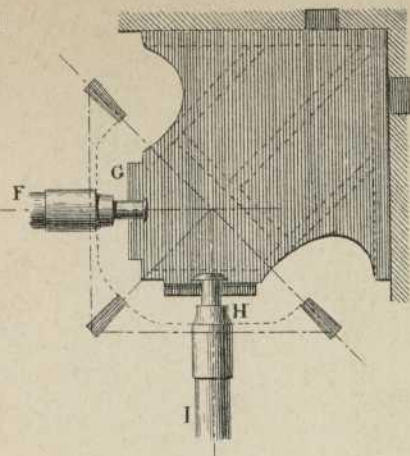


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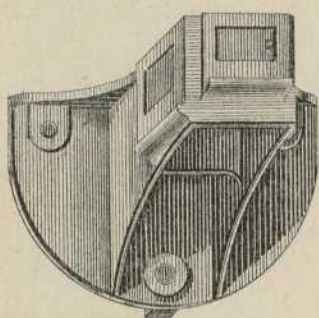


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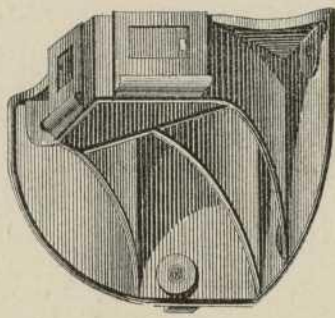


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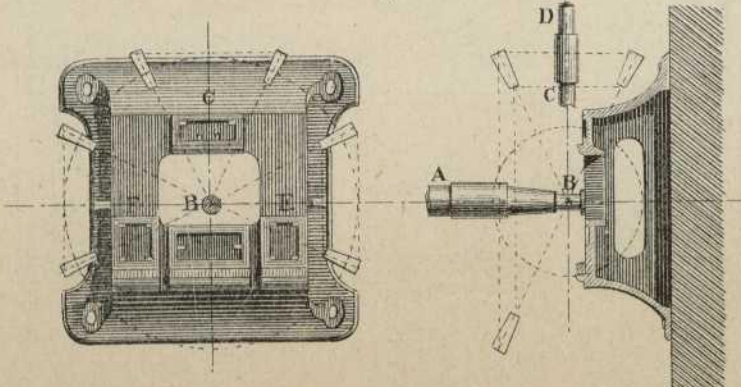


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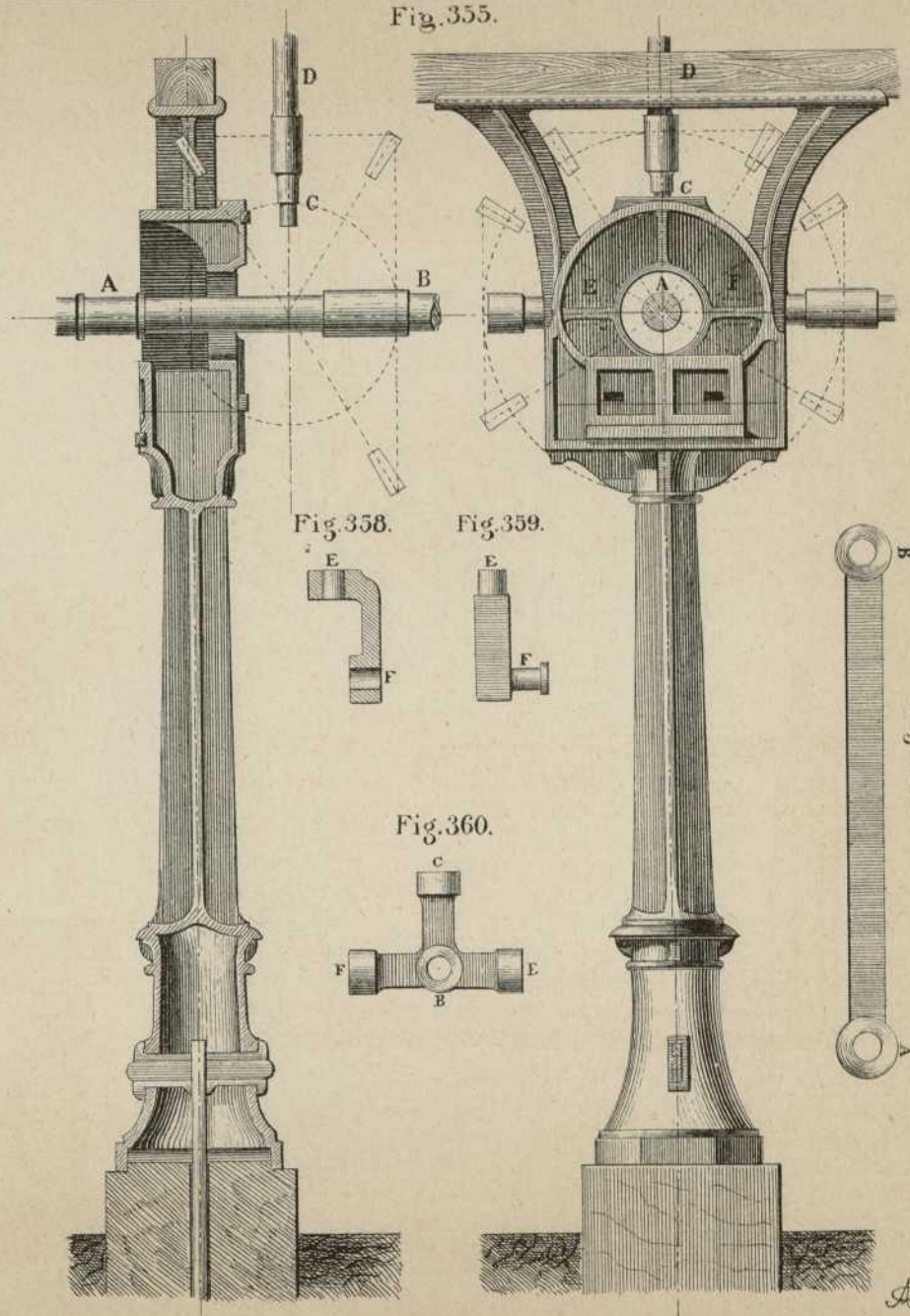


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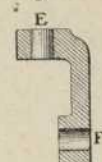


Fig. 359.

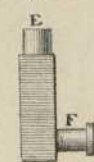


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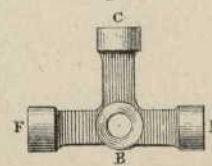


Fig. 357.



Fig. 361.

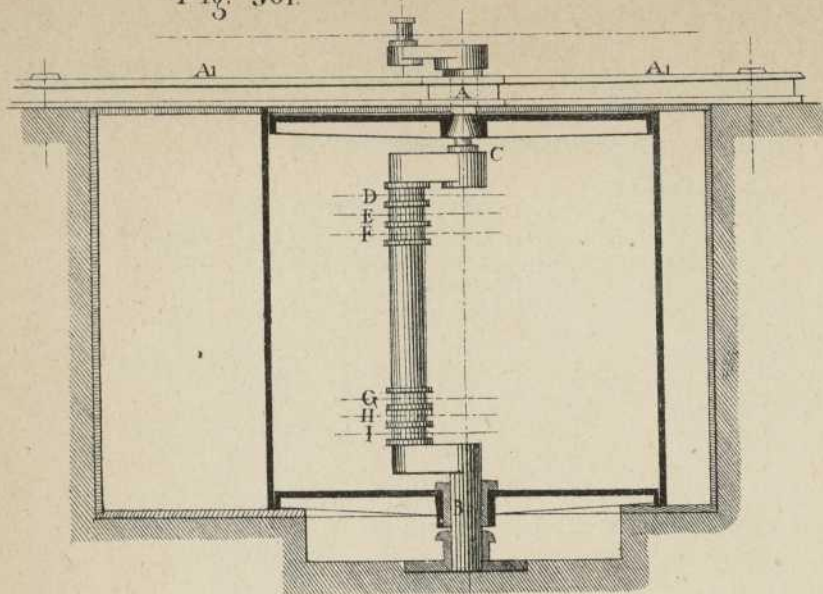


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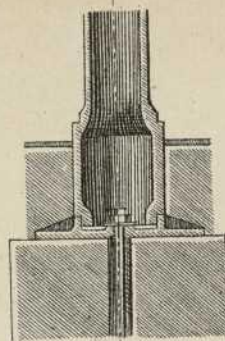


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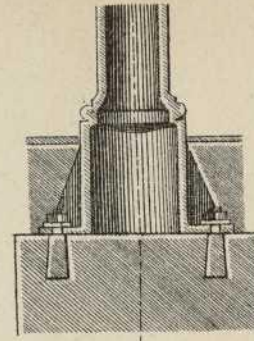


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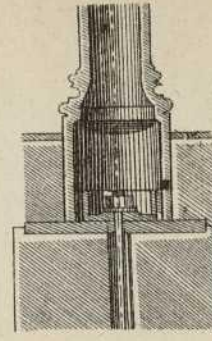


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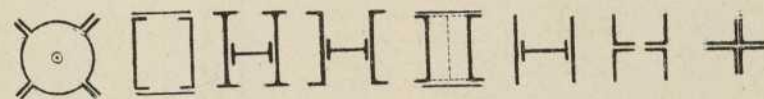


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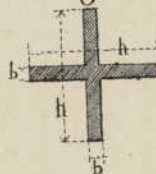


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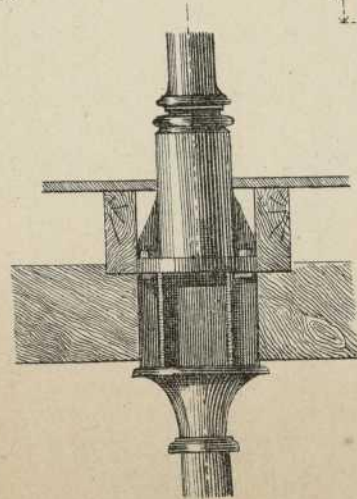
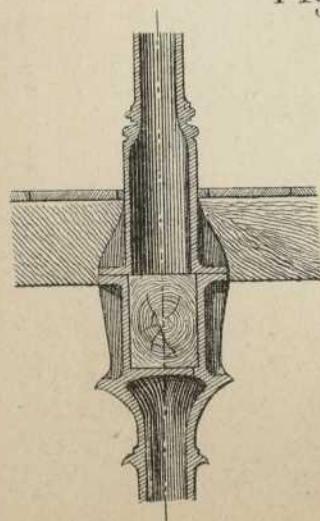


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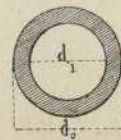


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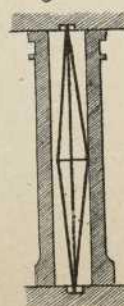


Fig. 362.

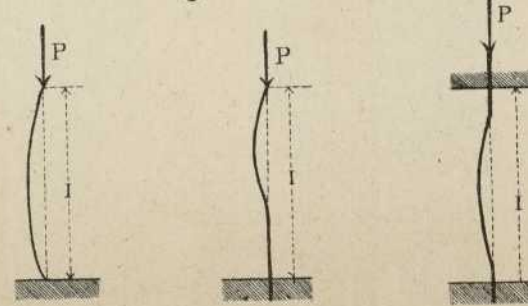


Fig. 571.

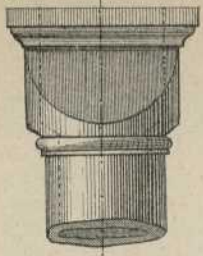


Fig. 572.

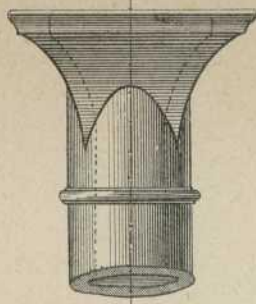


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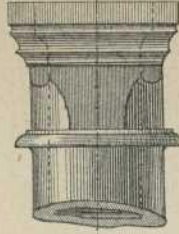


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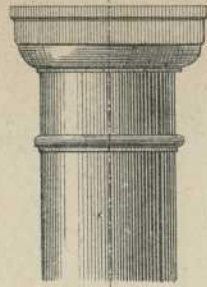


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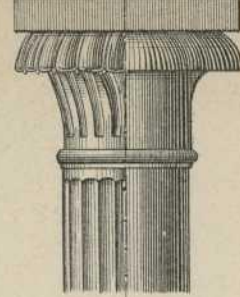


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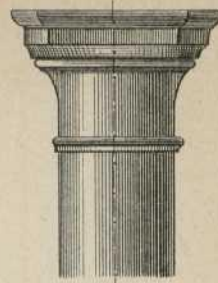


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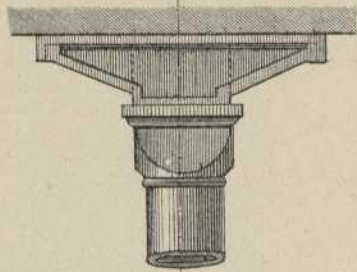


Fig. 579.

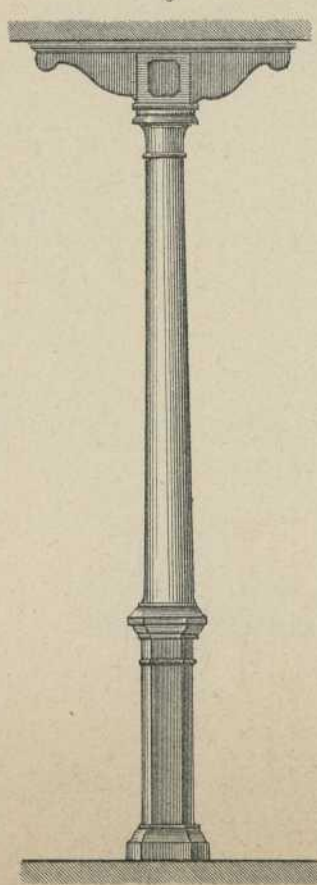


Fig. 581.

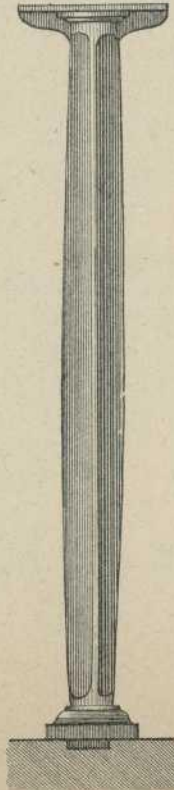


Fig. 582.

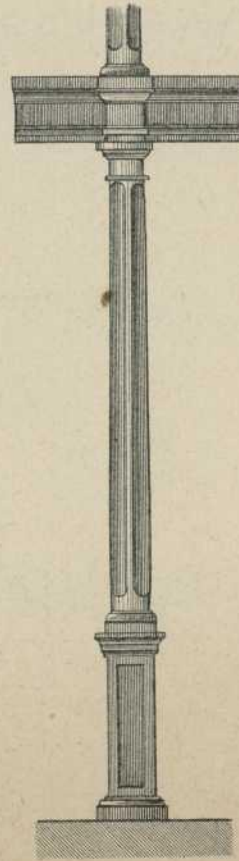


Fig. 583.

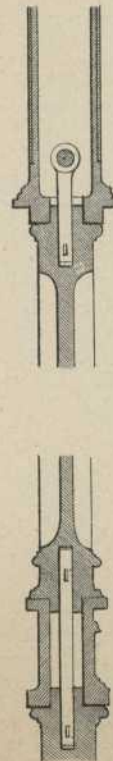


Fig. 578.

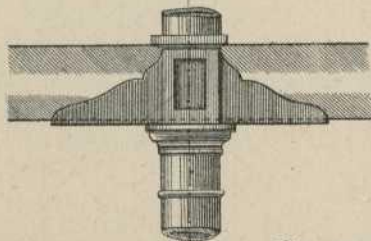


Fig. 580.

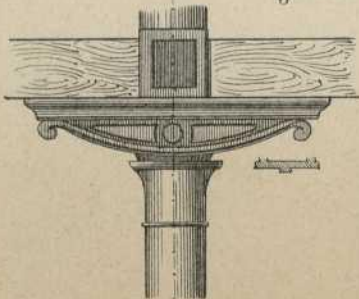
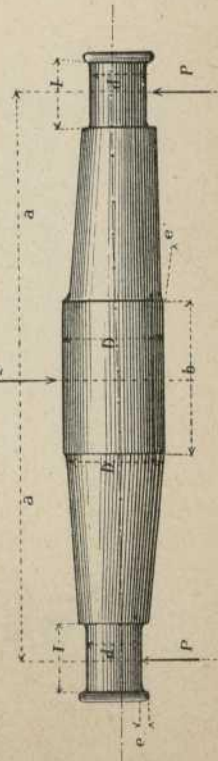


Fig. 584.



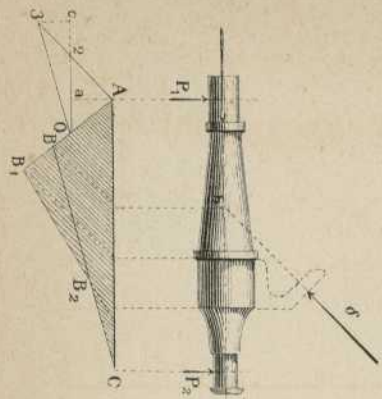


Fig. 391

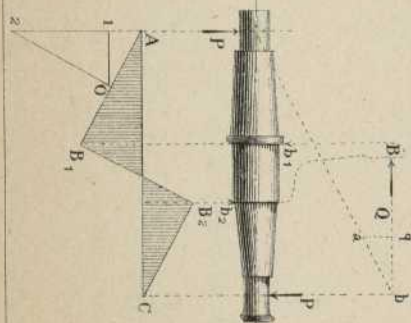


Fig. 392

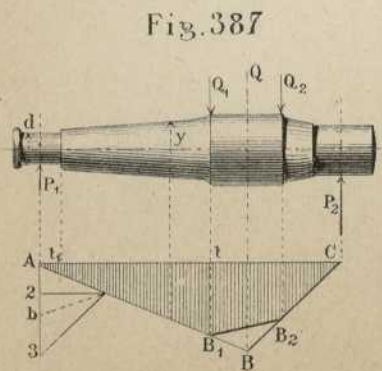


Fig. 387

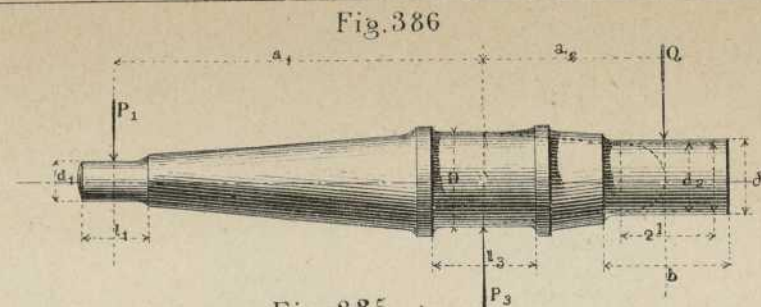


Fig. 386

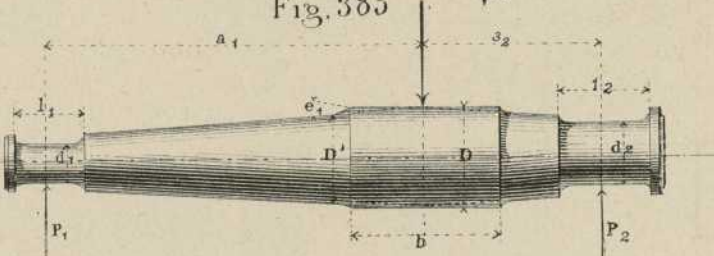


Fig. 385

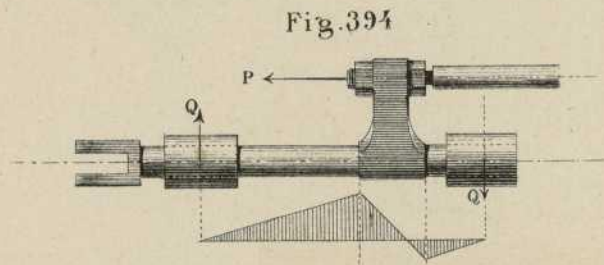


Fig. 394

Fig. 389

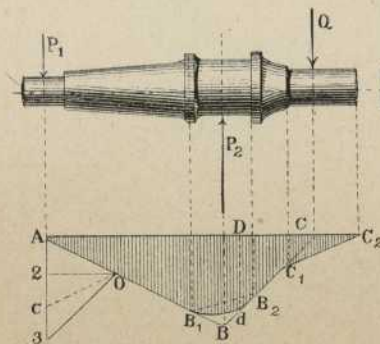


Fig. 390

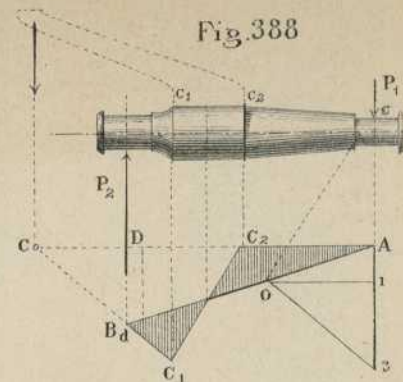
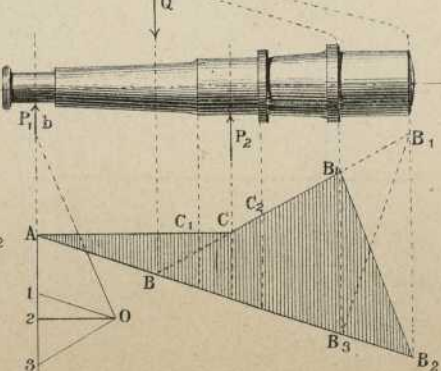


Fig. 388

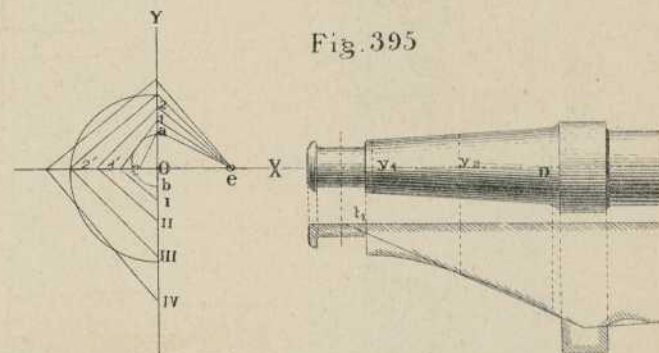


Fig. 395

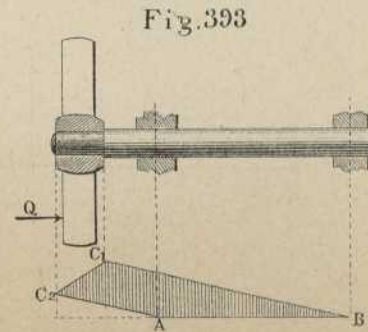


Fig. 393

Fig. 397

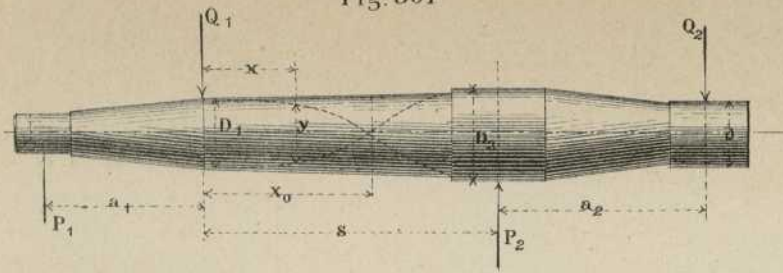


Fig. 396

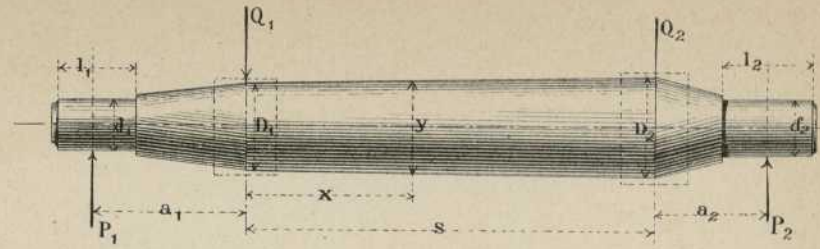


Fig. 405

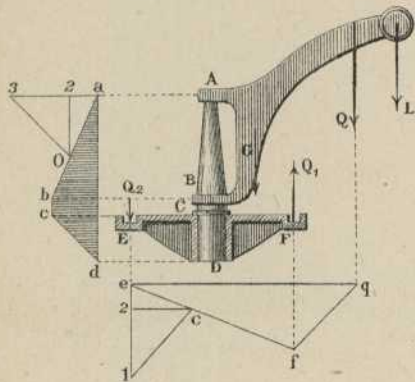


Fig. 406

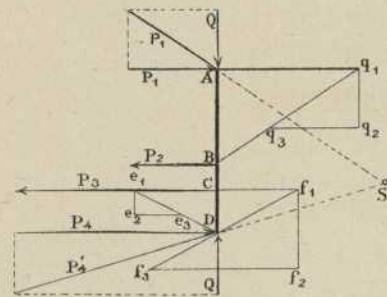


Fig. 398

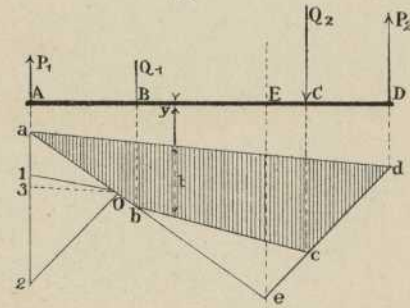


Fig. 399

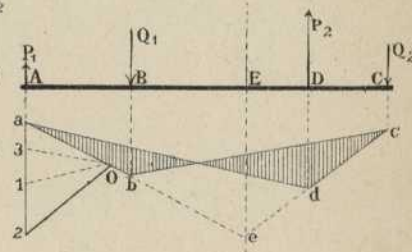


Fig. 404

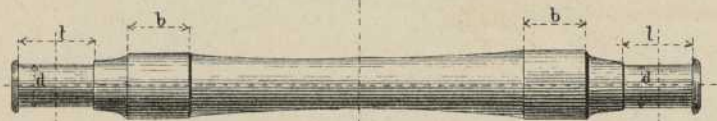


Fig. 402

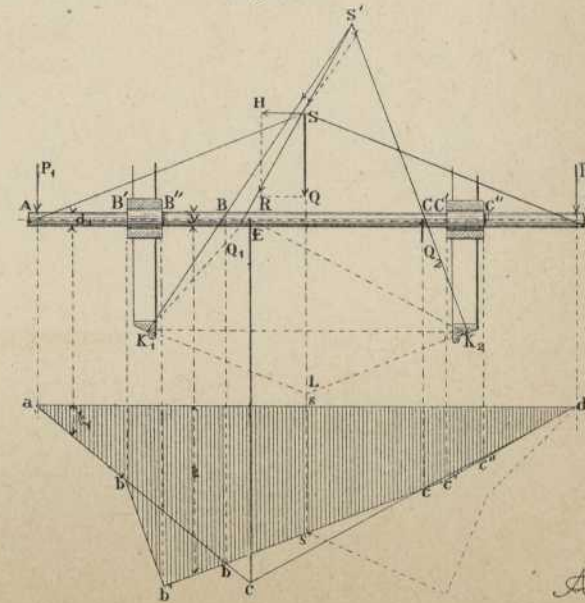


Fig. 403

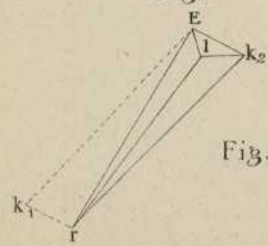


Fig. 400

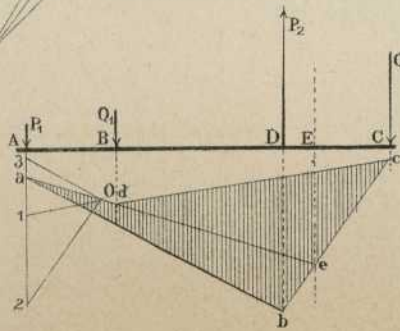


Fig. 401

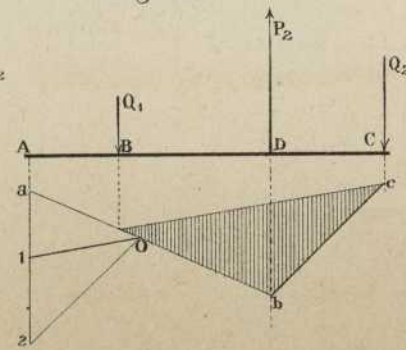


Fig. 409

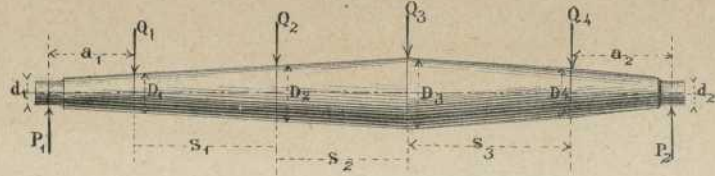


Fig. 411

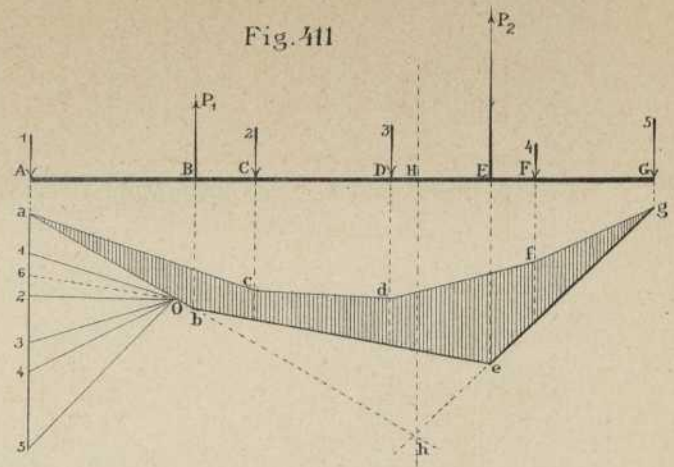


Fig. 410

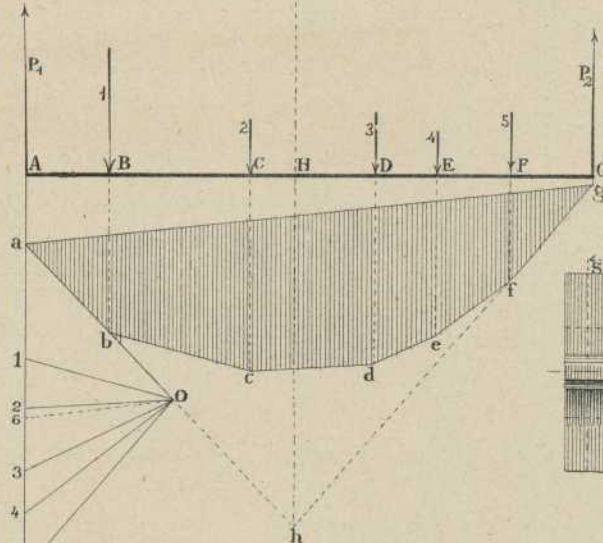


Fig. 415

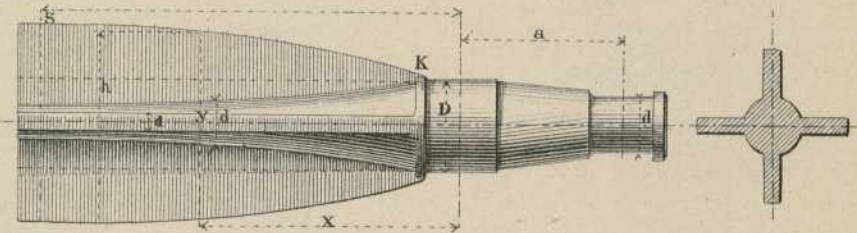


Fig. 414

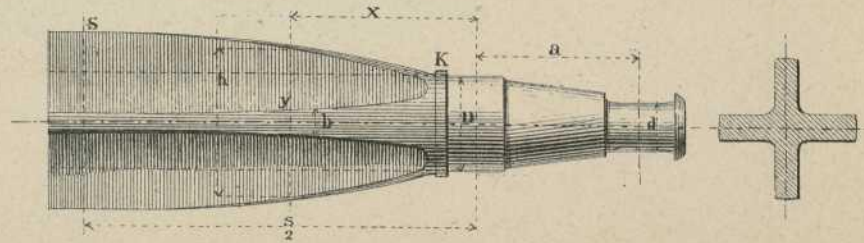


Fig. 412

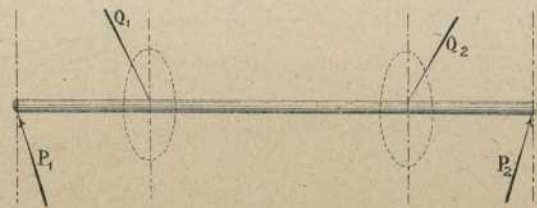


Fig. 408

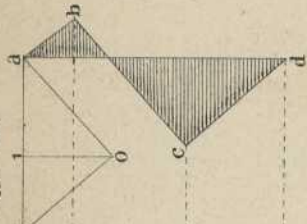


Fig. 407

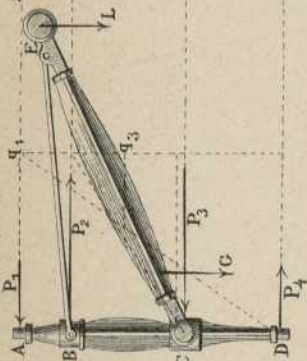
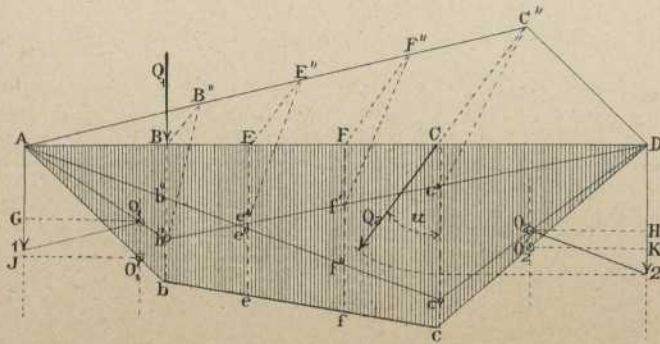
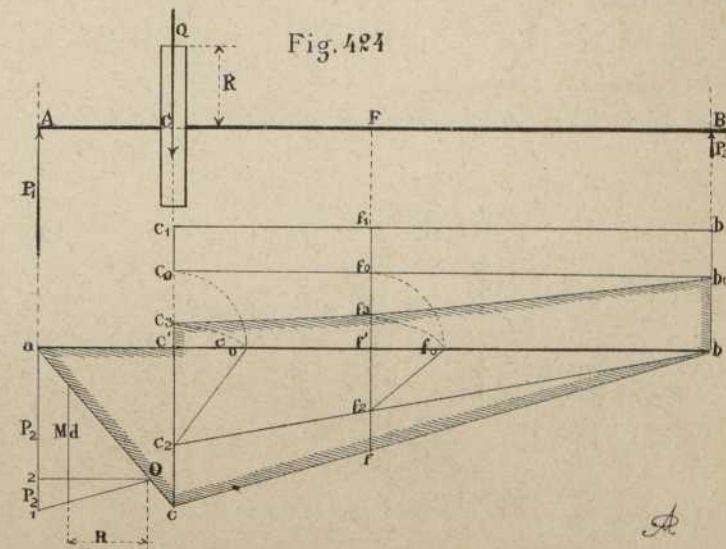
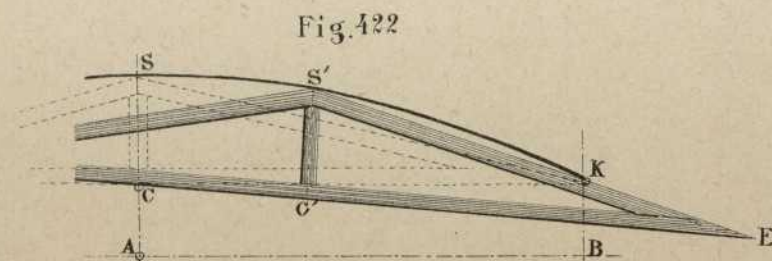
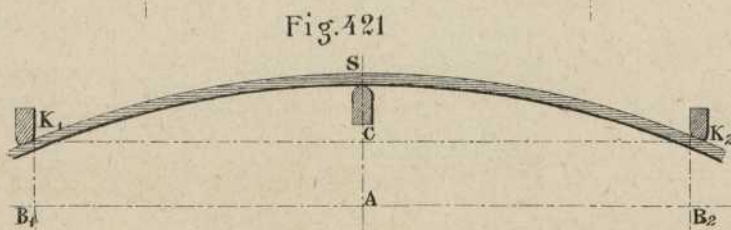
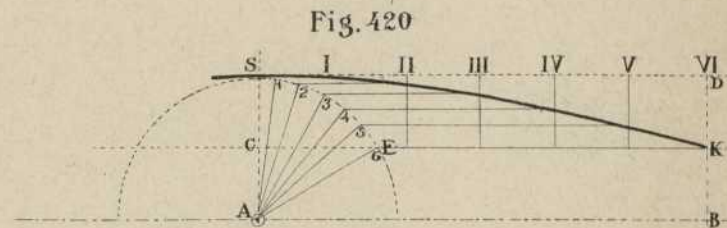
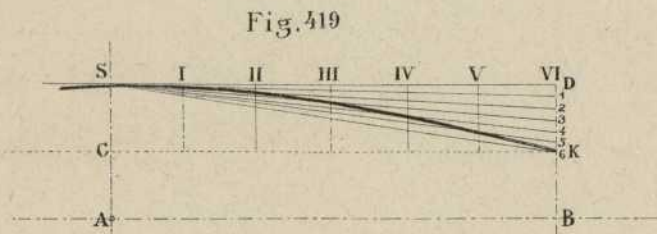
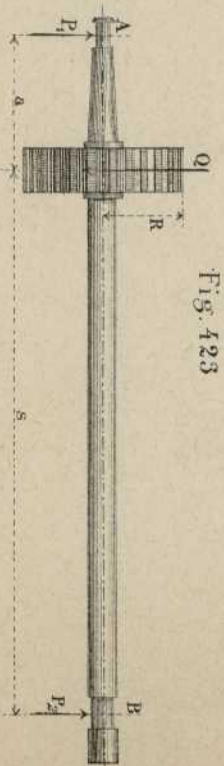
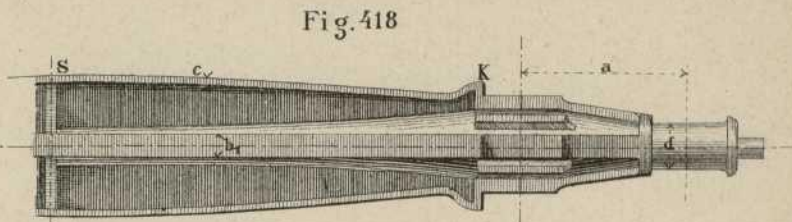
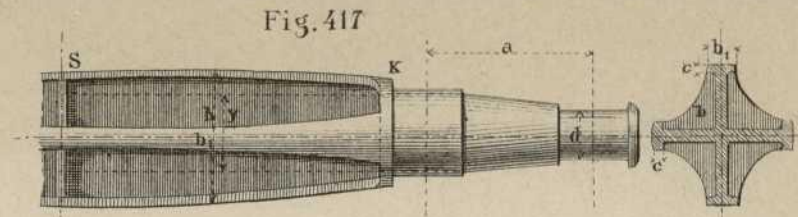
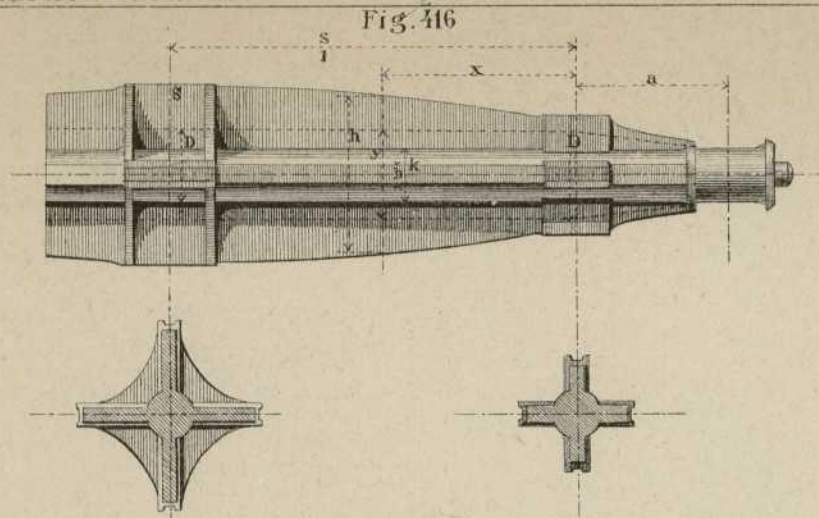


Fig. 413





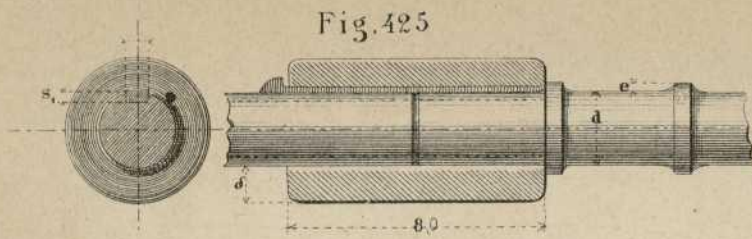


Fig. 425

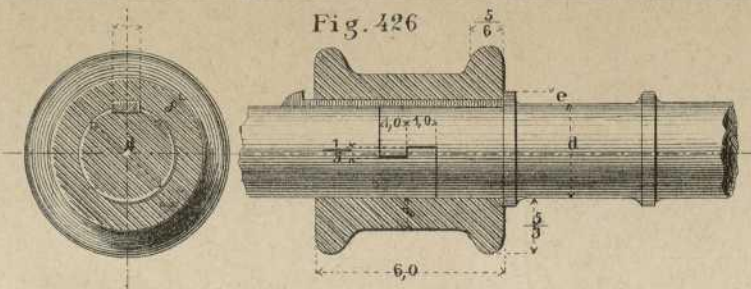


Fig. 426

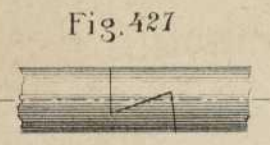


Fig. 427

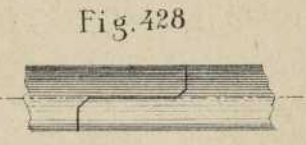


Fig. 428

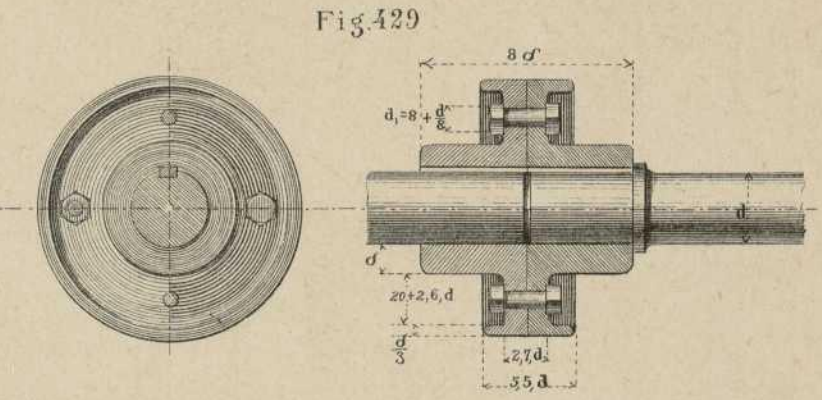


Fig. 429

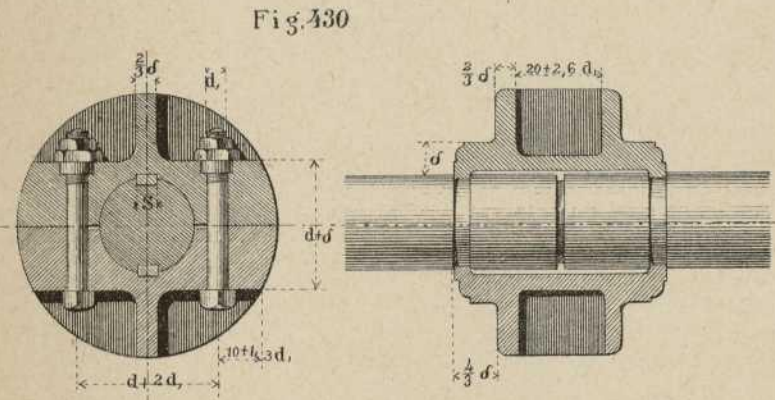


Fig. 430

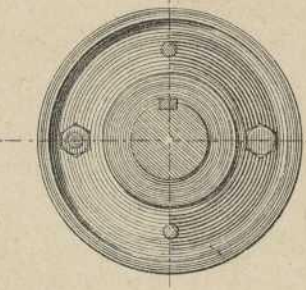


Fig. 431

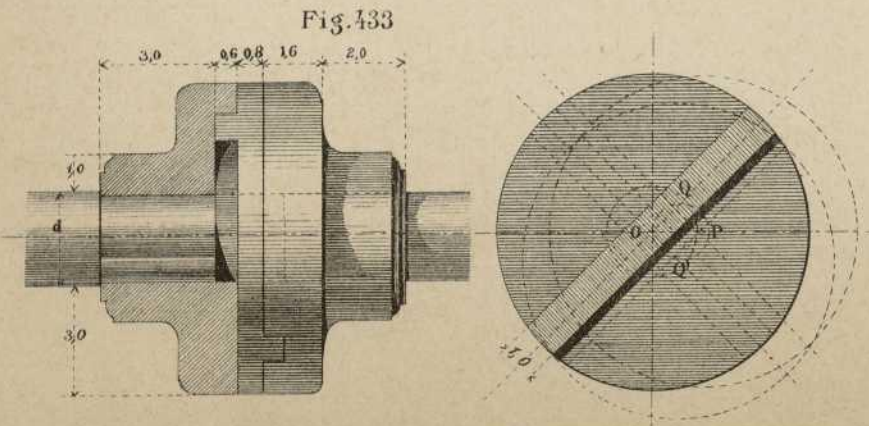


Fig. 433

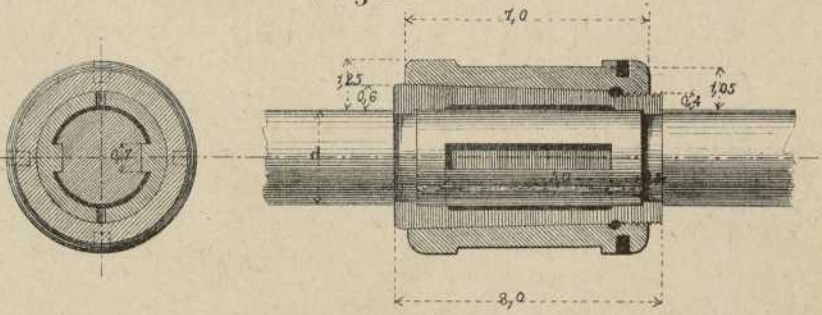


Fig. 432

Fig.439

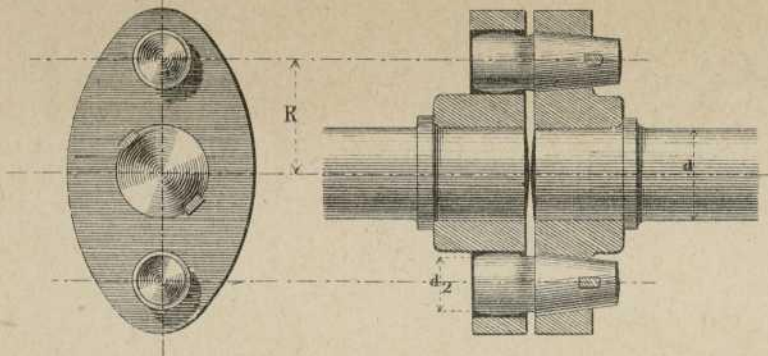


Fig.435

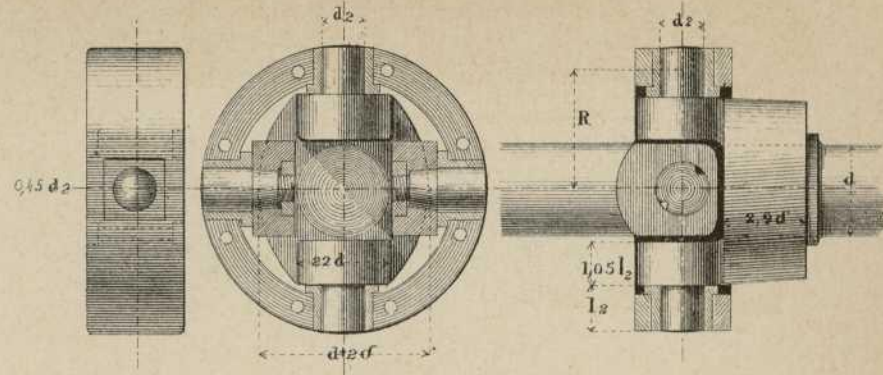


Fig.436

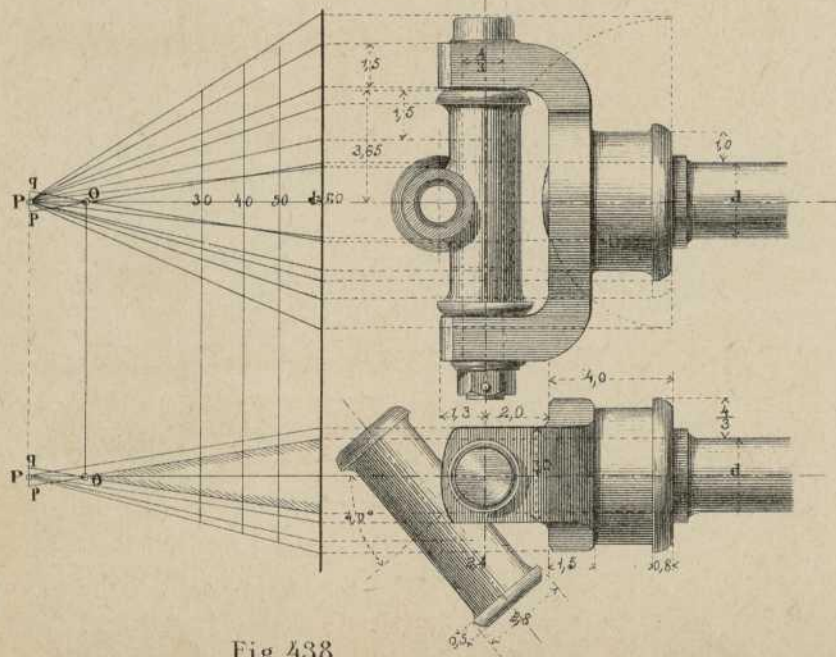


Fig.437

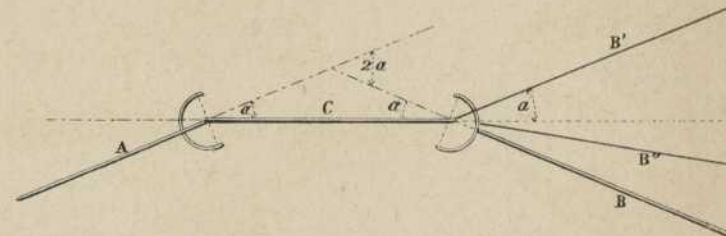


Fig.434

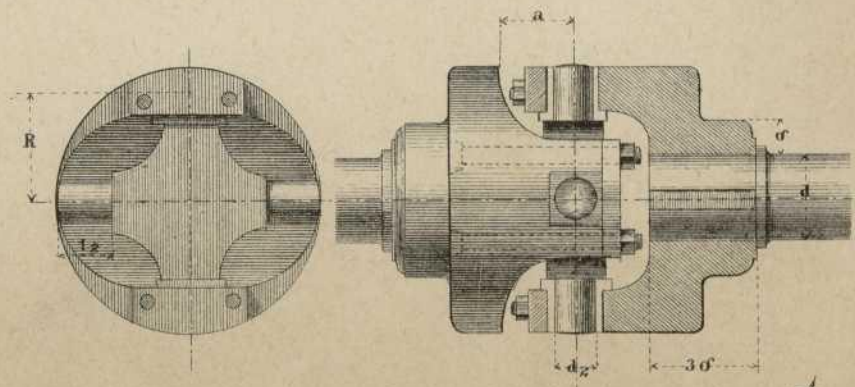


Fig.438

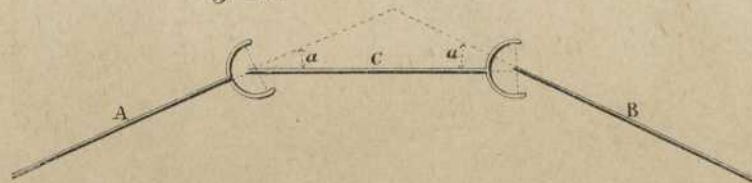


Fig. 440.

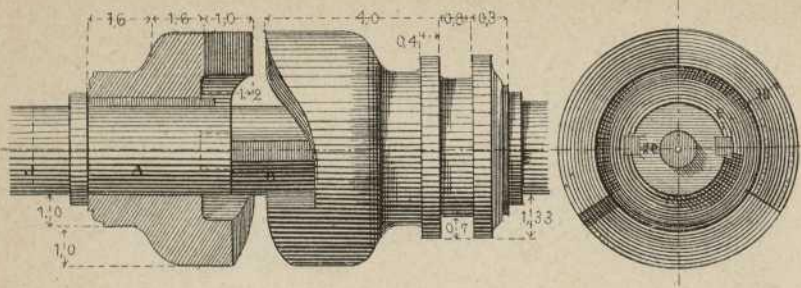


Fig. 441.

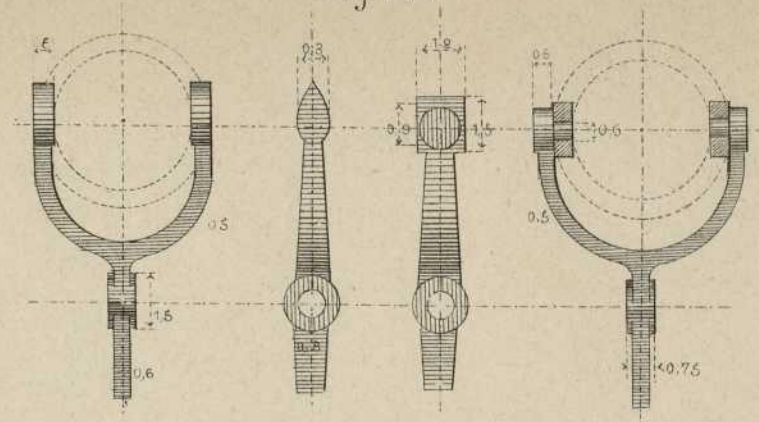


Fig. 442.

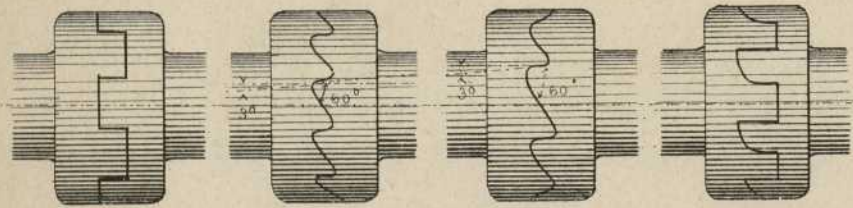


Fig. 443.

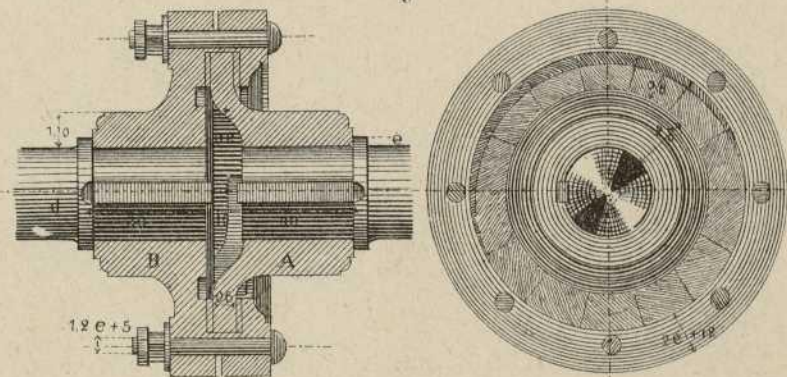


Fig. 444.

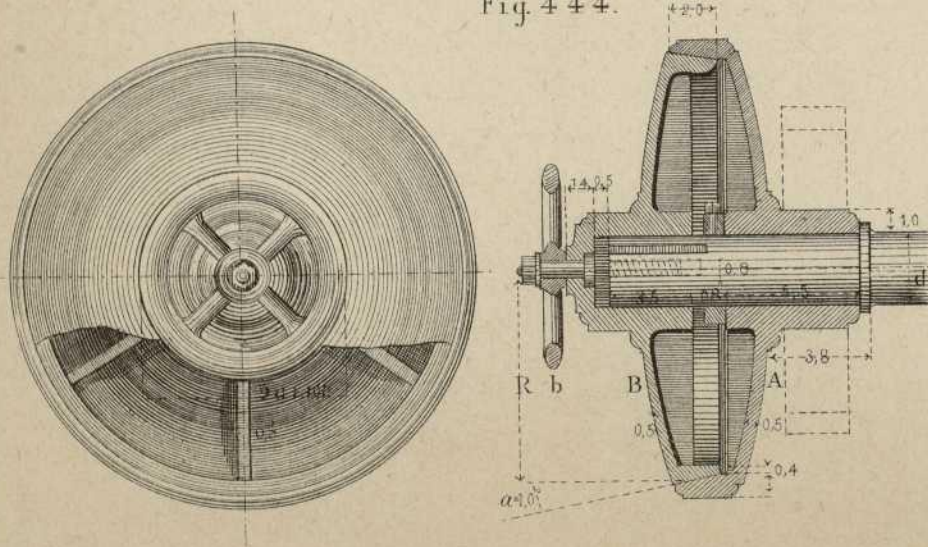


Fig. 445.

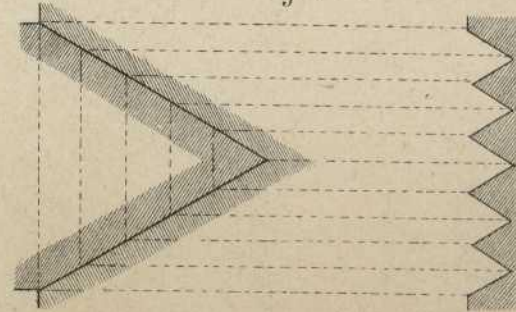


Fig. 446

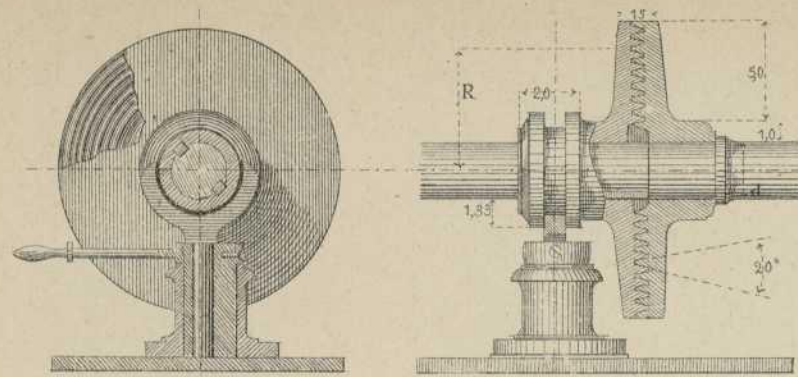


Fig. 447

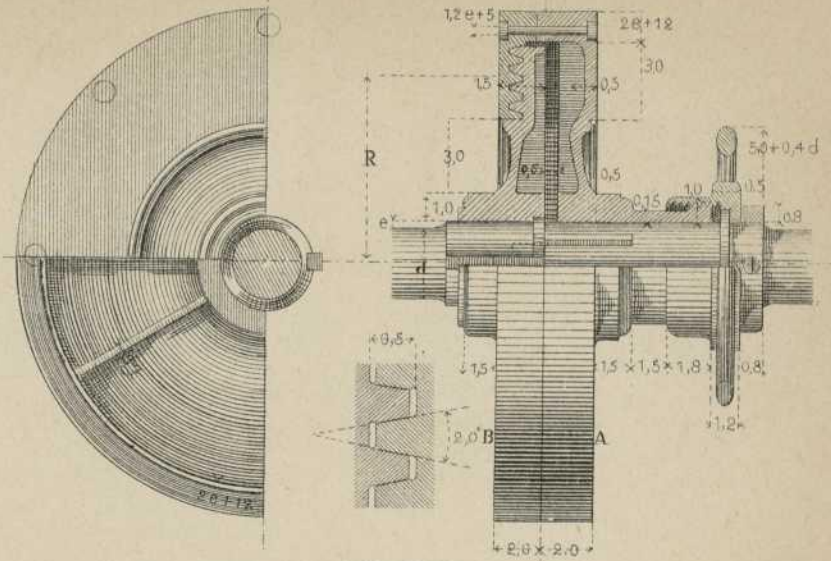


Fig. 448

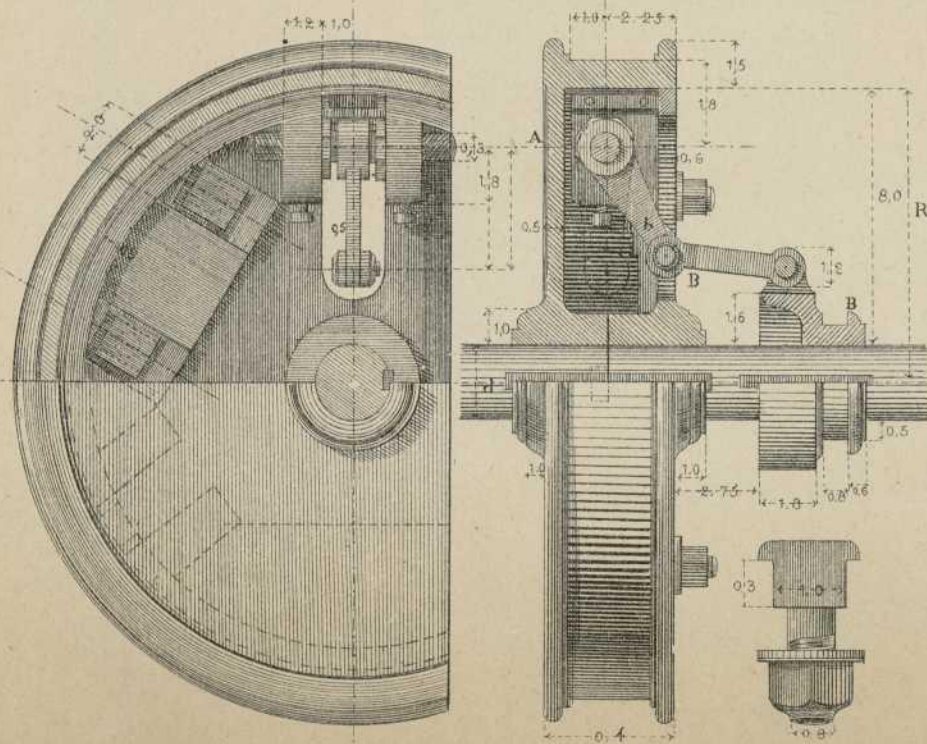


Fig. 449

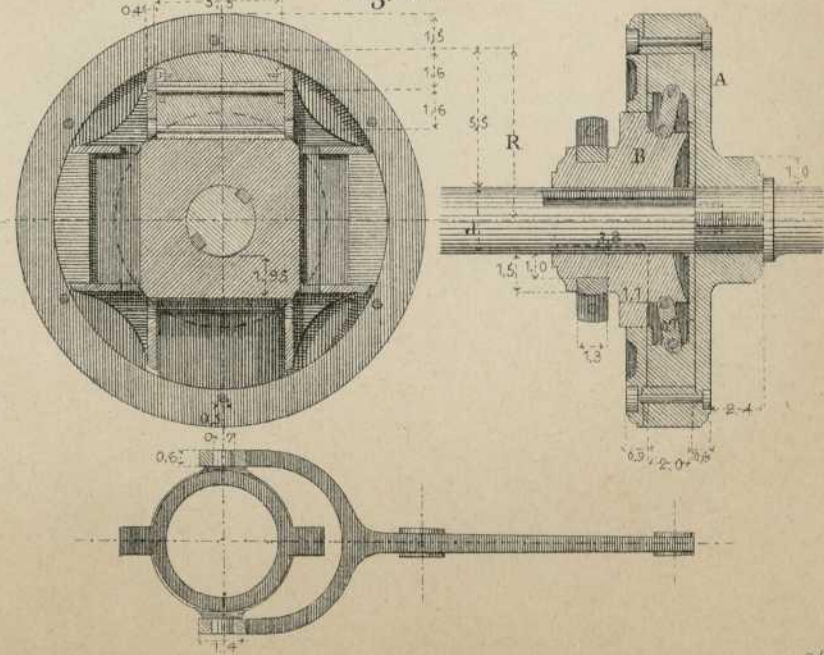


Fig. 450

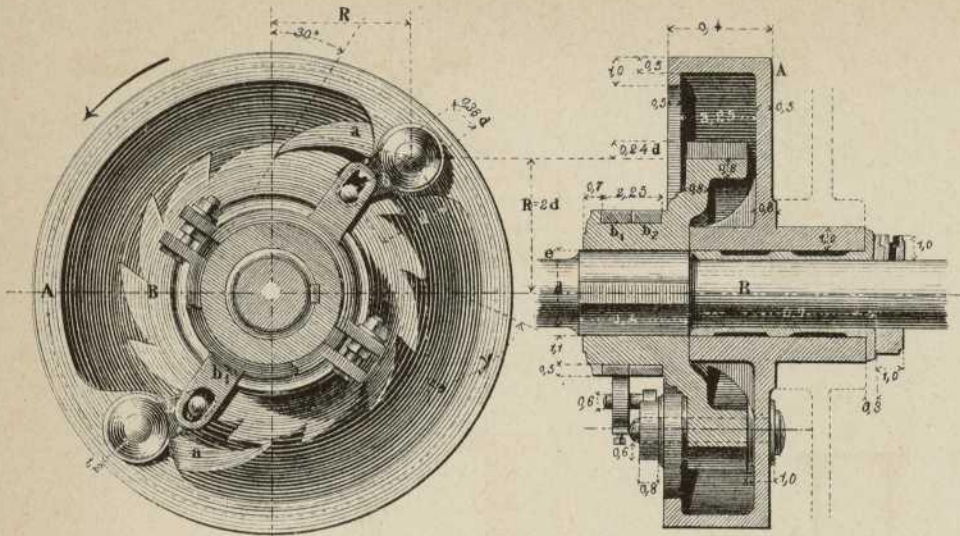


Fig. 451

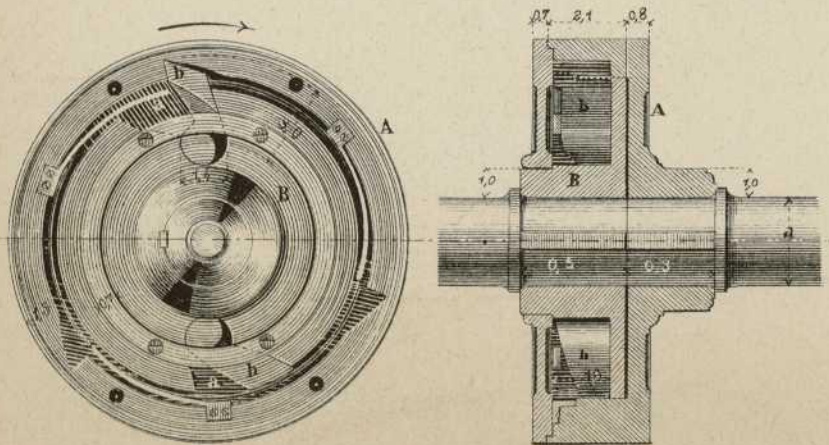


Fig. 452

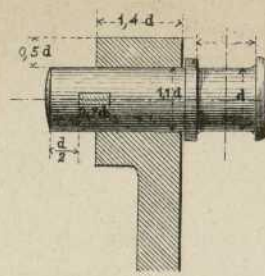


Fig. 453

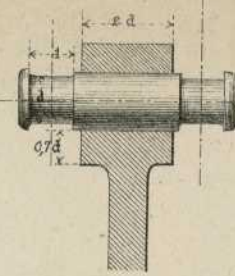


Fig. 454

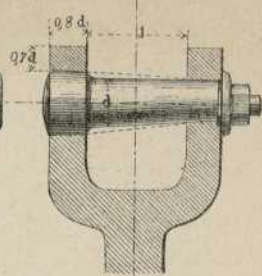


Fig. 455

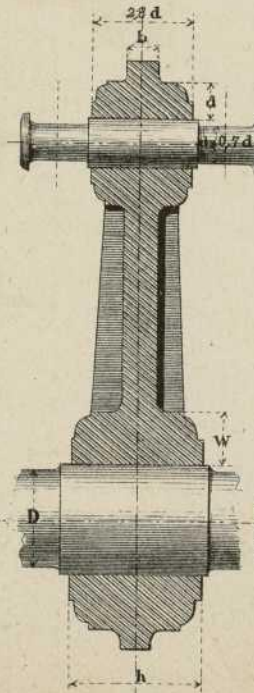


Fig. 456

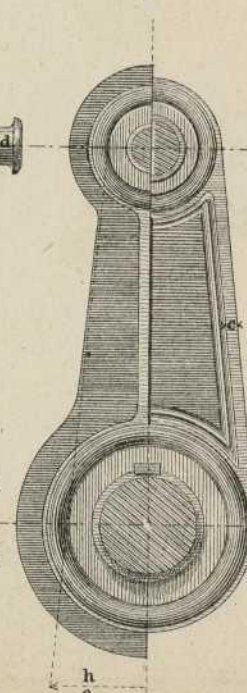
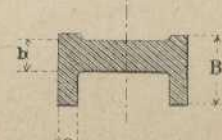
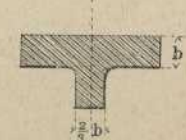
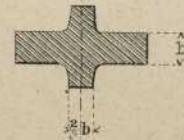
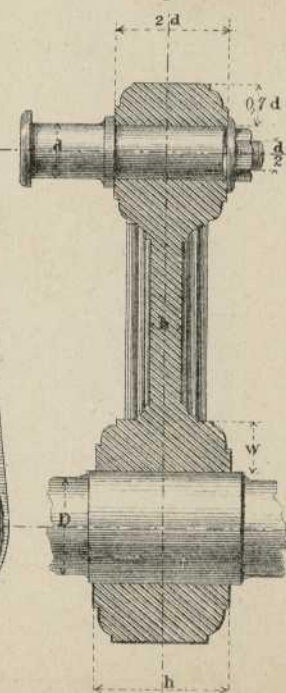
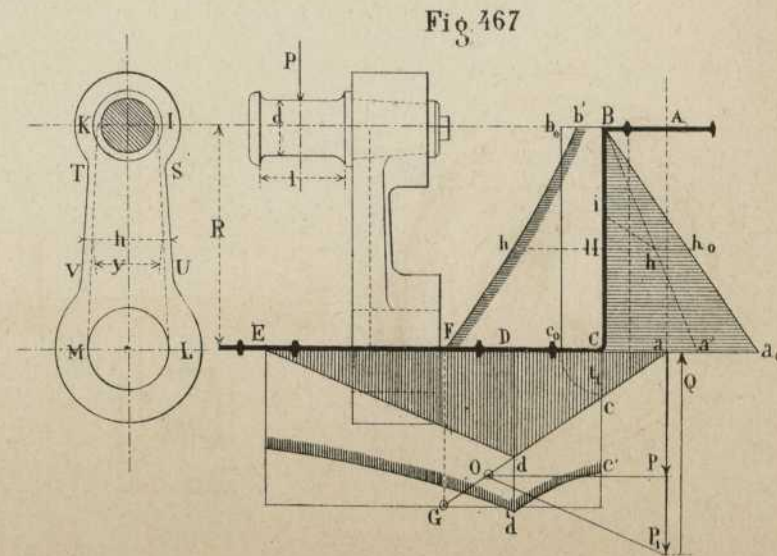
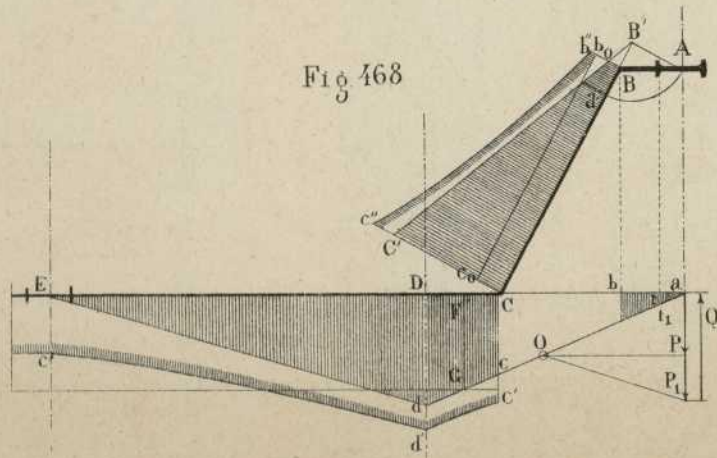
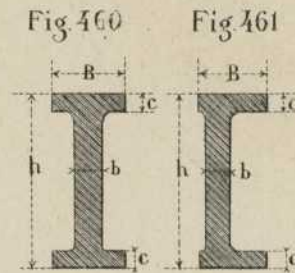
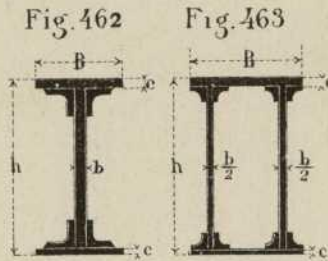
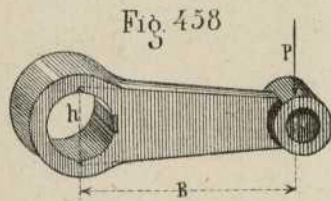
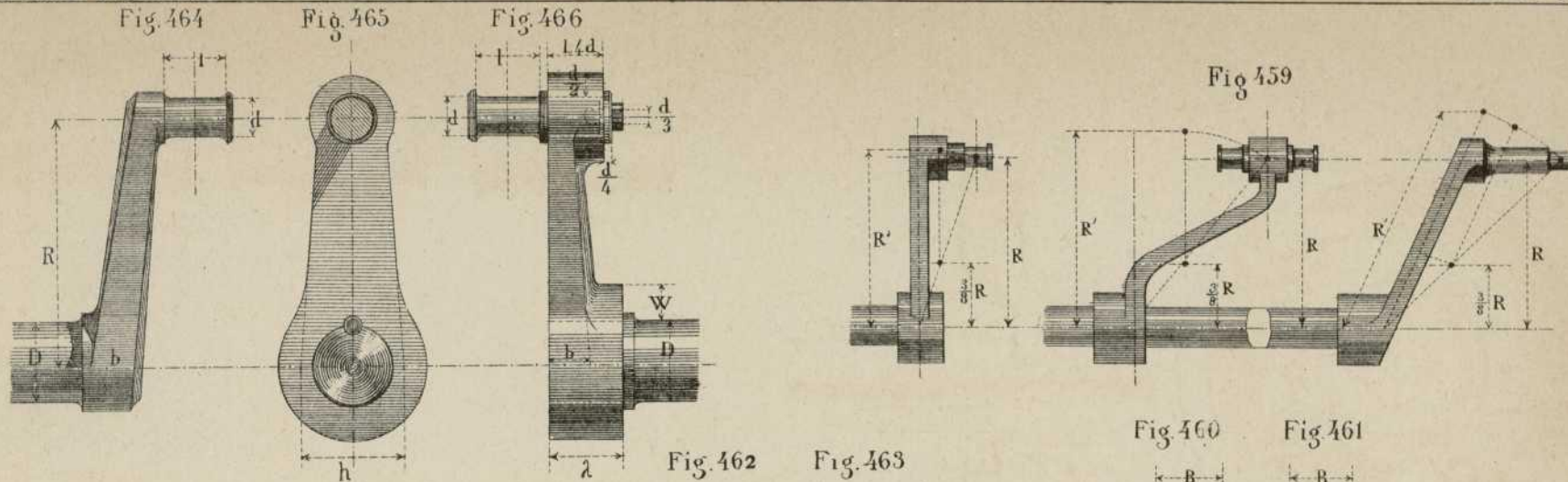


Fig. 457





J. G.

Fig. 469

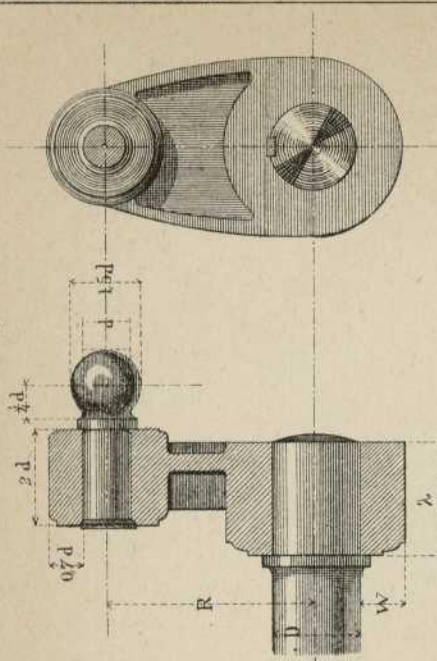


Fig. 470

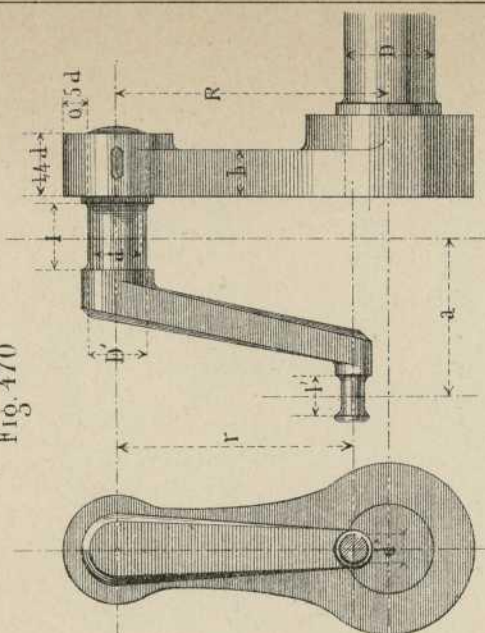


Fig. 472

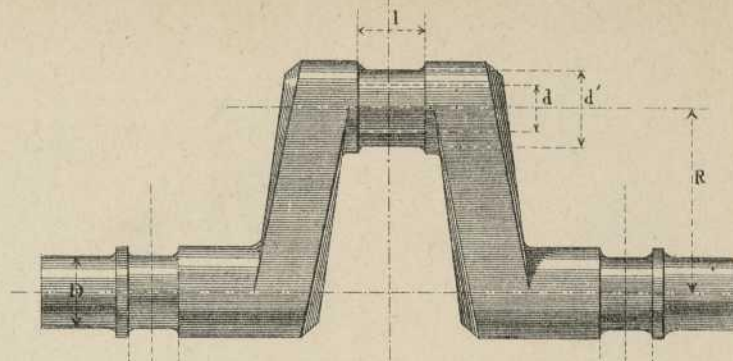


Fig. 471

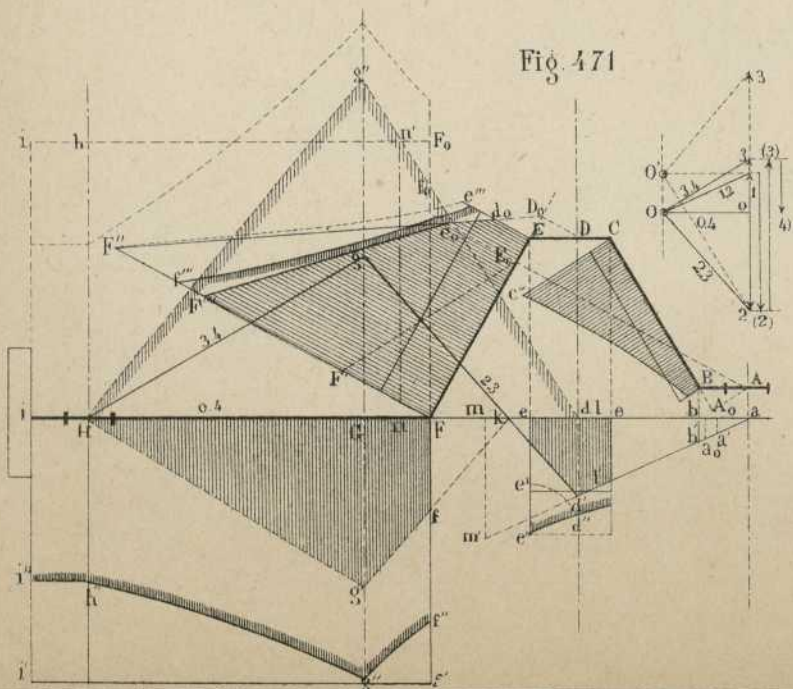


Fig. 473

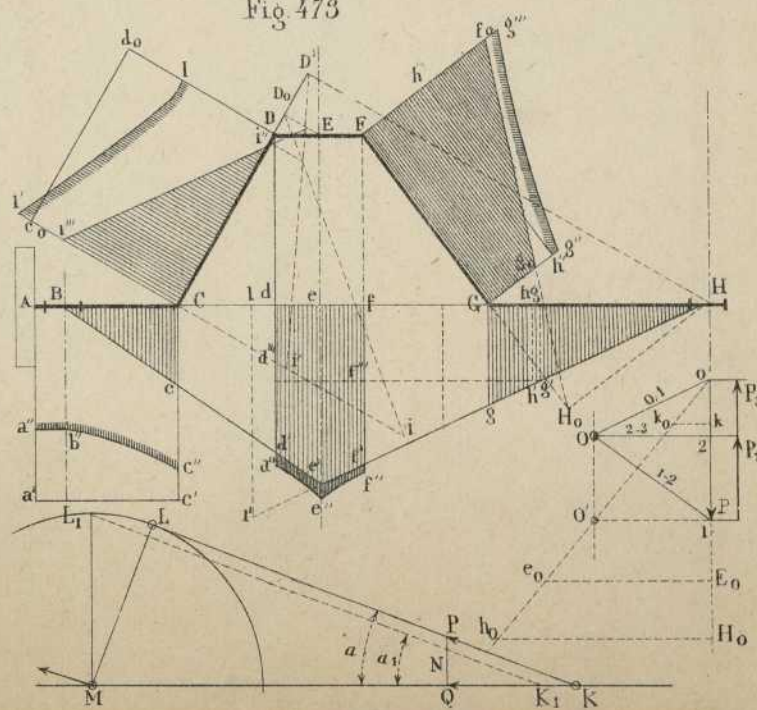


Fig. 474.

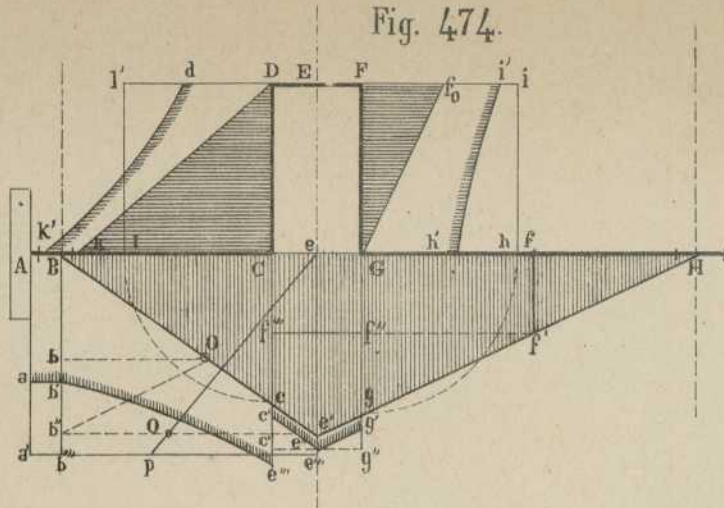


Fig. 475.

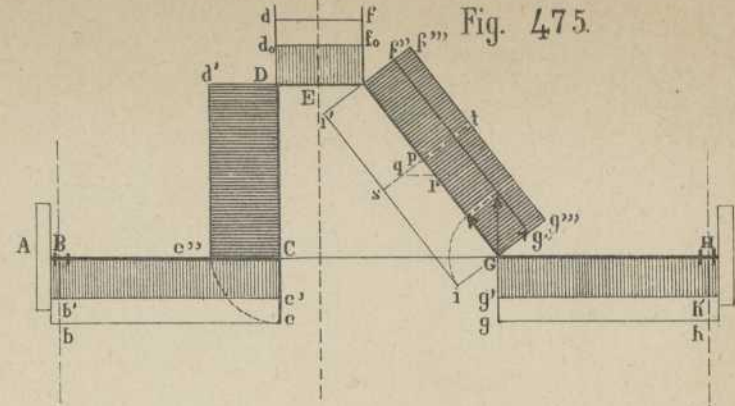


Fig. 476.

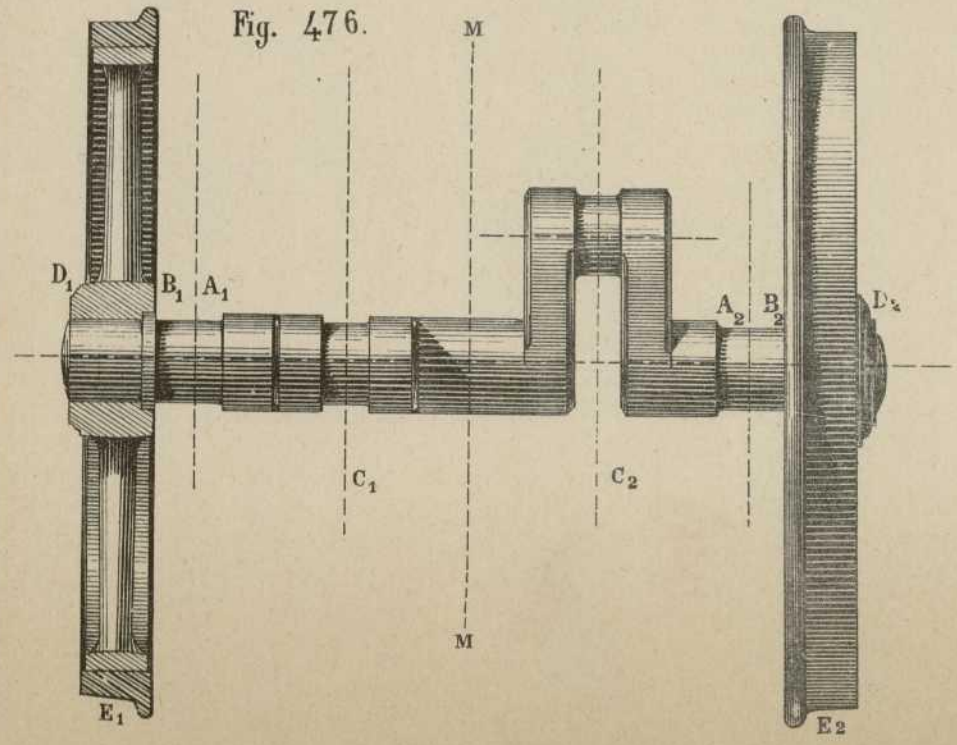
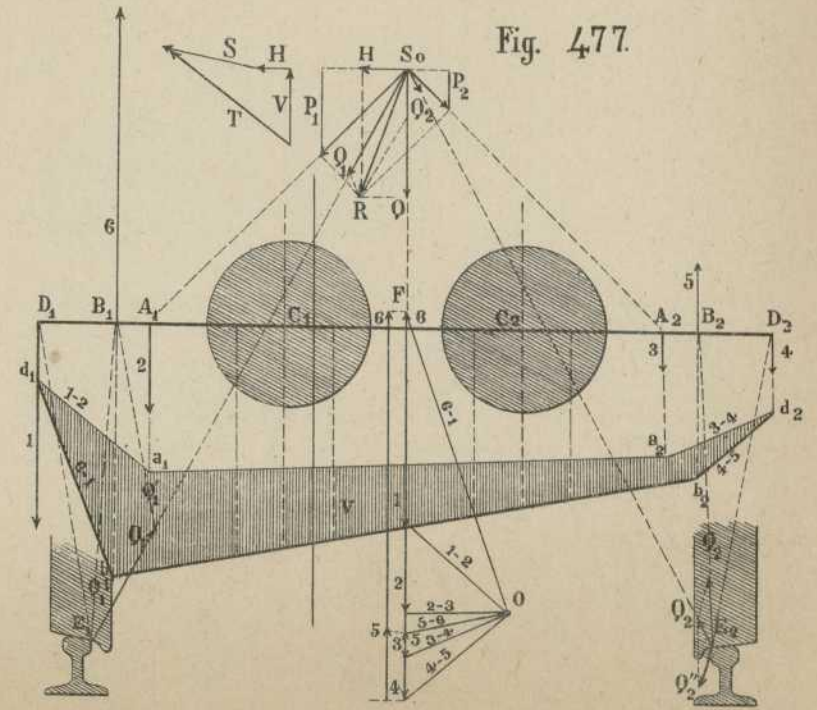


Fig. 477.



W

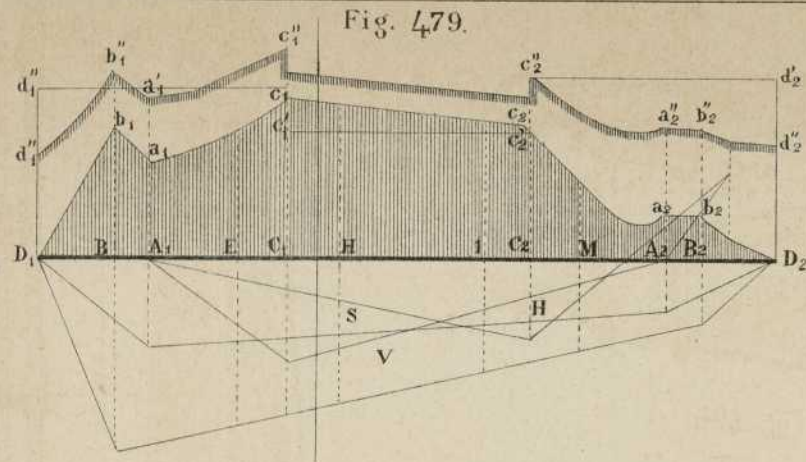


Fig. 479.

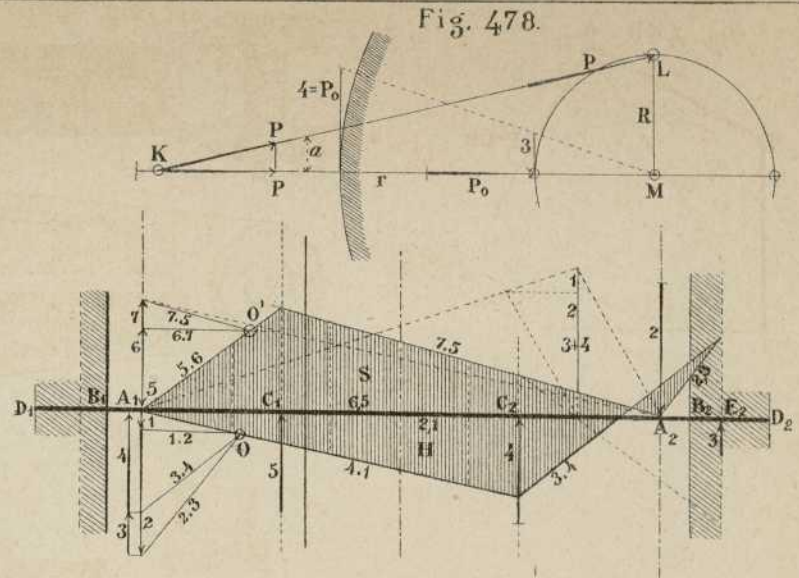


Fig. 478.

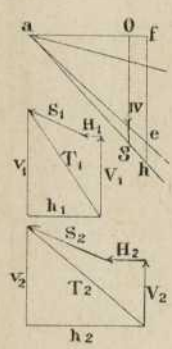


Fig. 480.

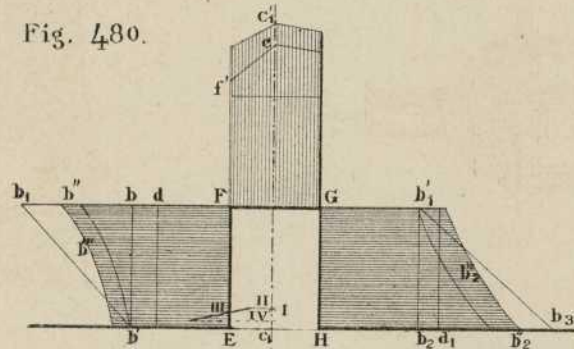


Fig. 481.

Fig. 482.

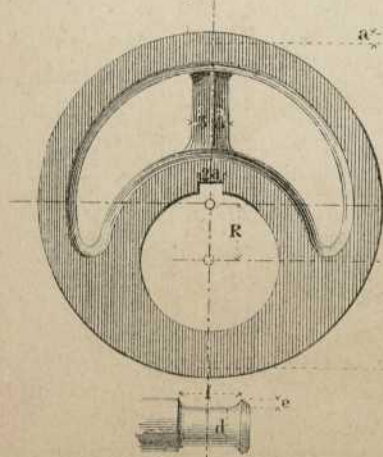


Fig. 483.

Fig. 484.

Fig. 485.

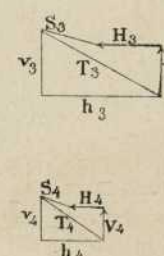
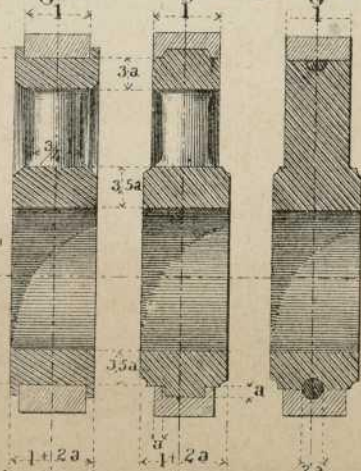
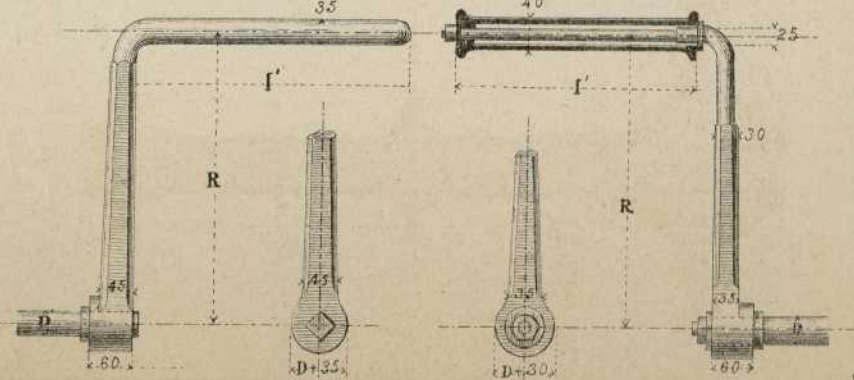
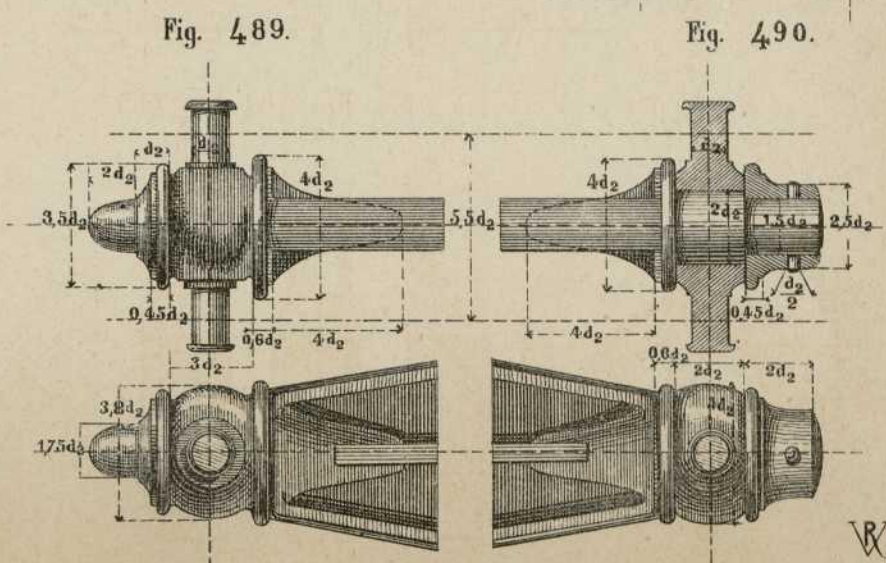
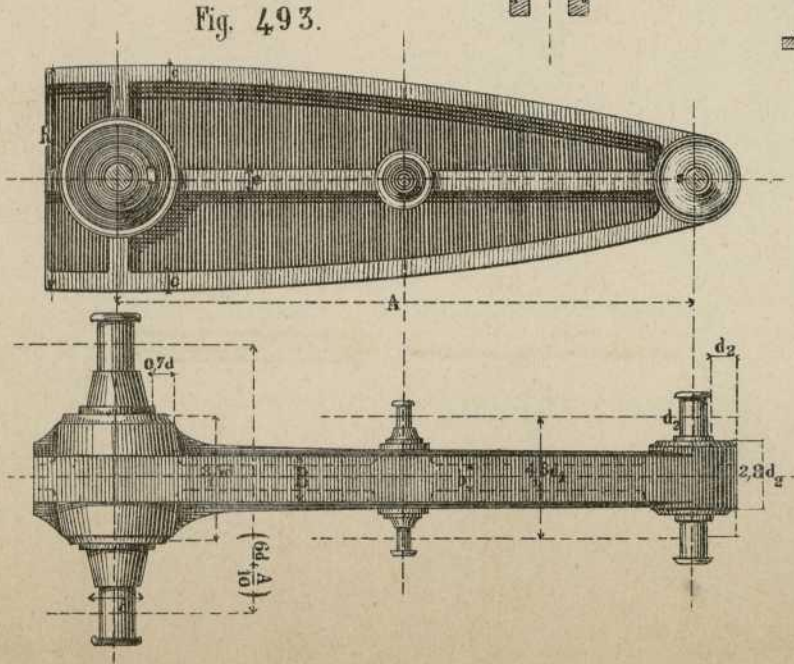
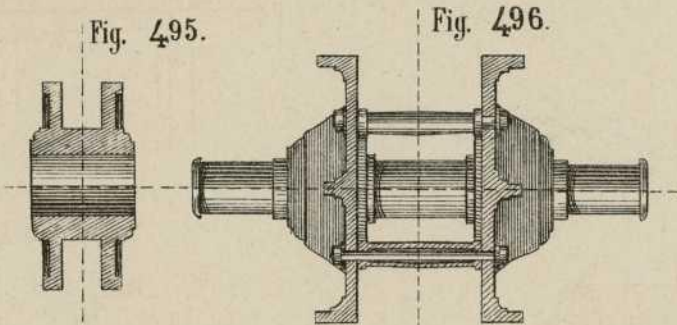
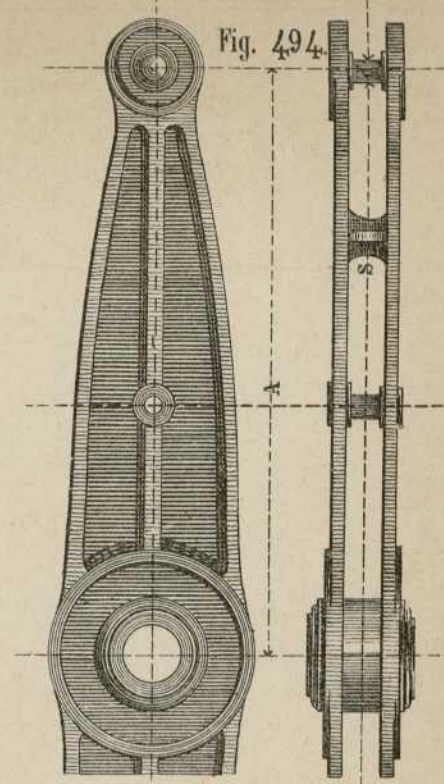
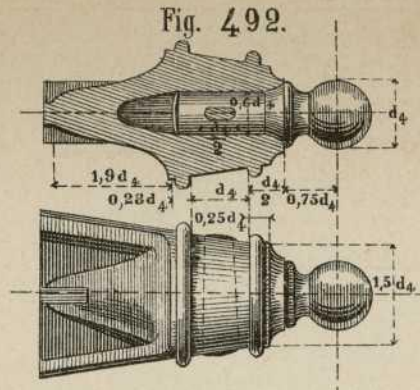
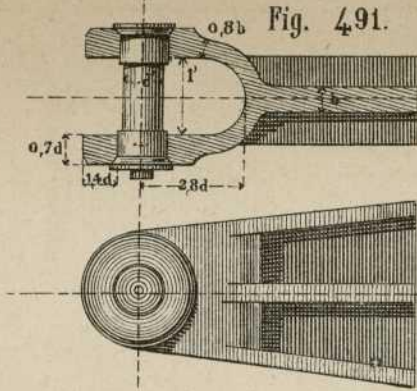
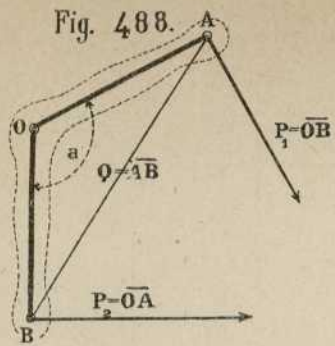


Fig. 486.

Fig. 487.





W

Fig. 497

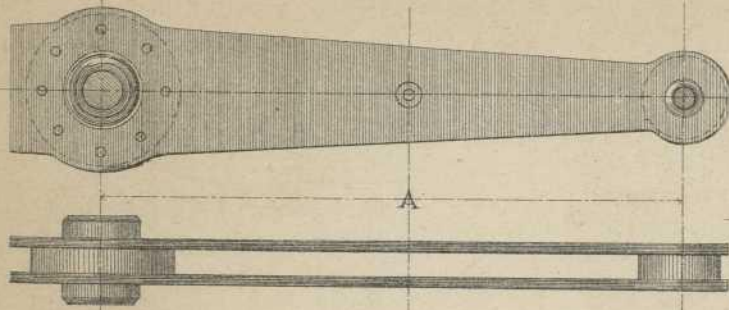


Fig. 502

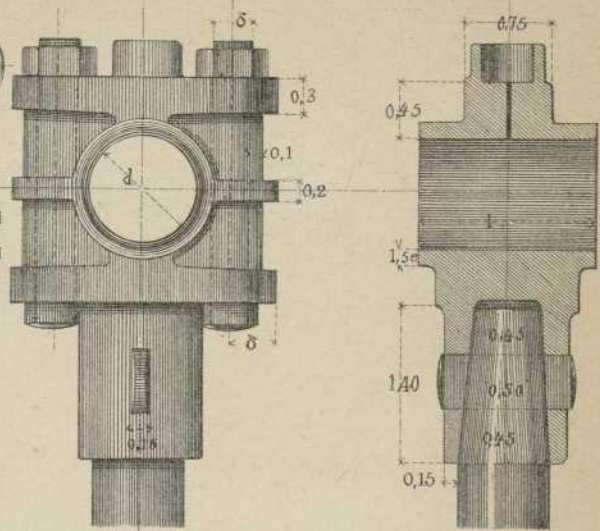


Fig. 500.

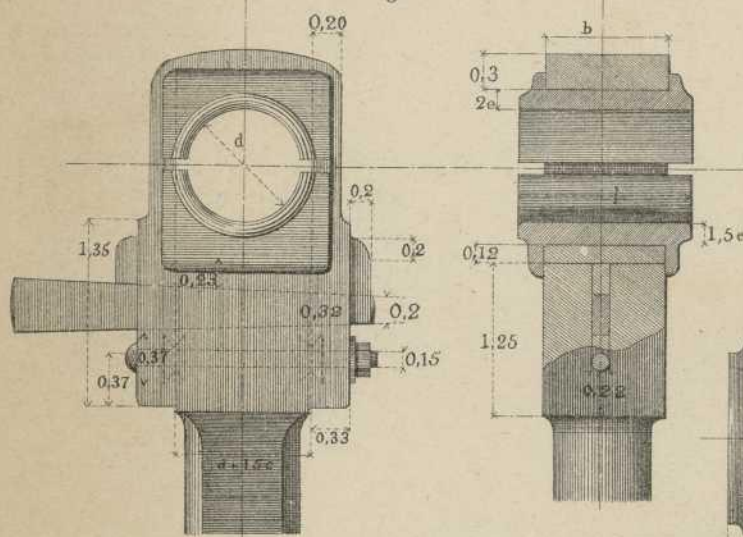


Fig. 499.

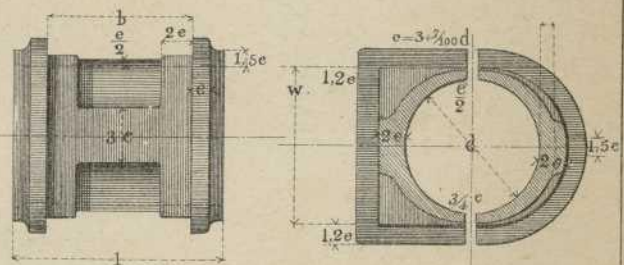


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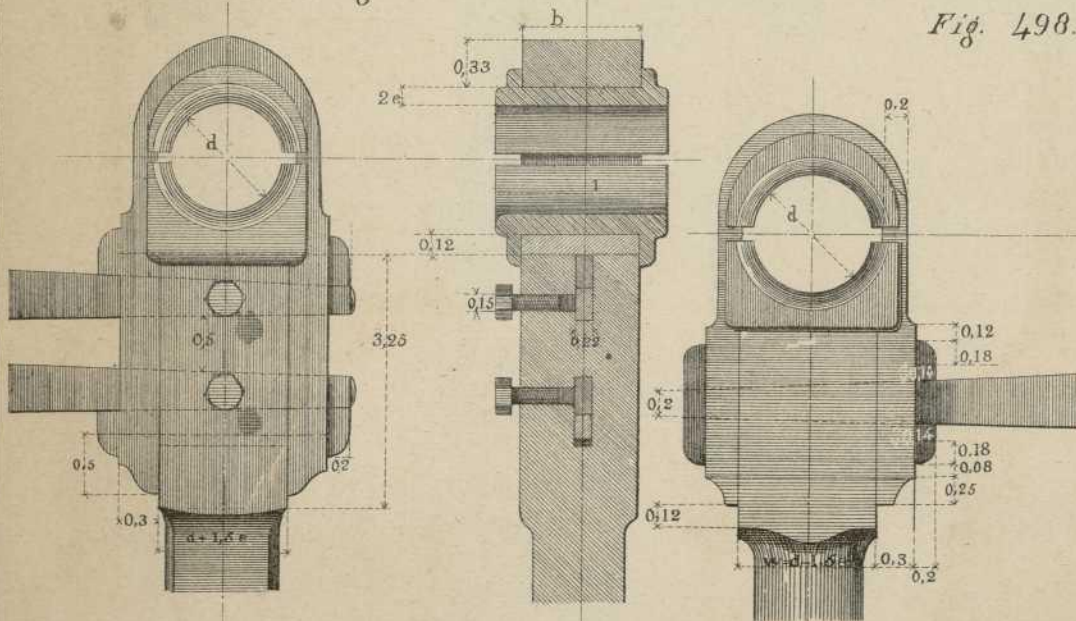
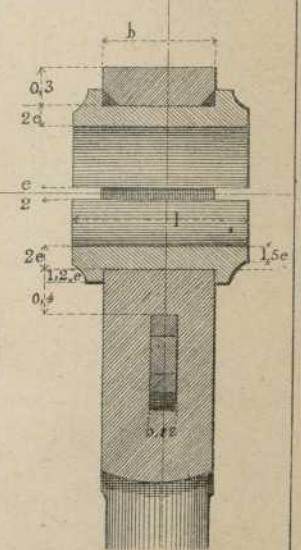


Fig. 498.



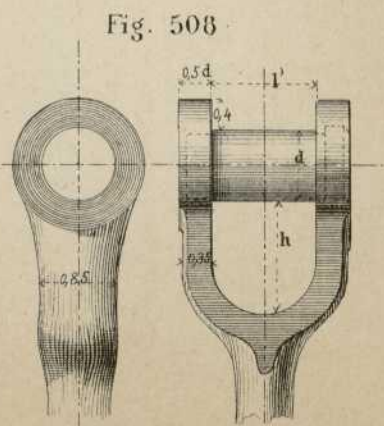
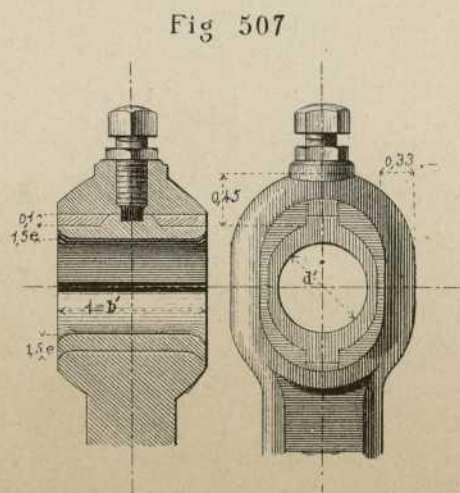
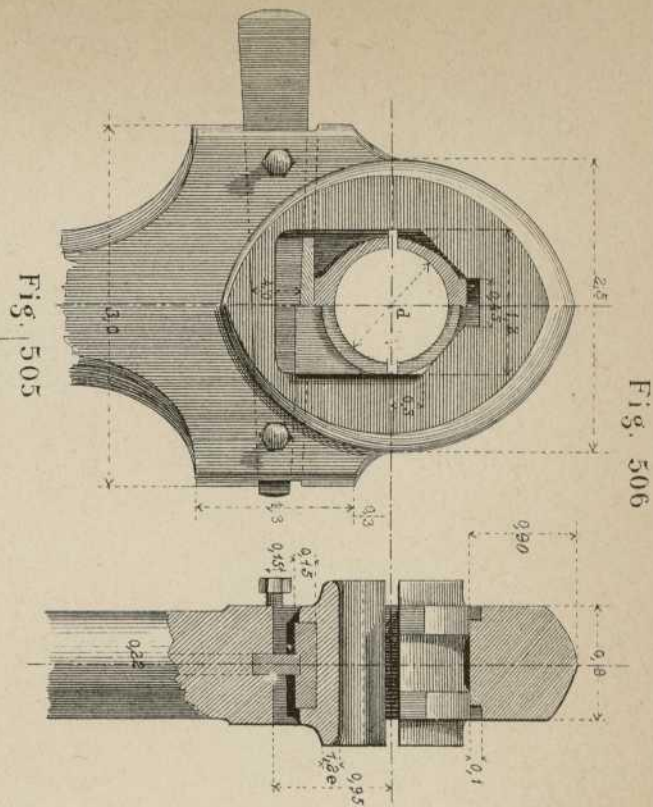
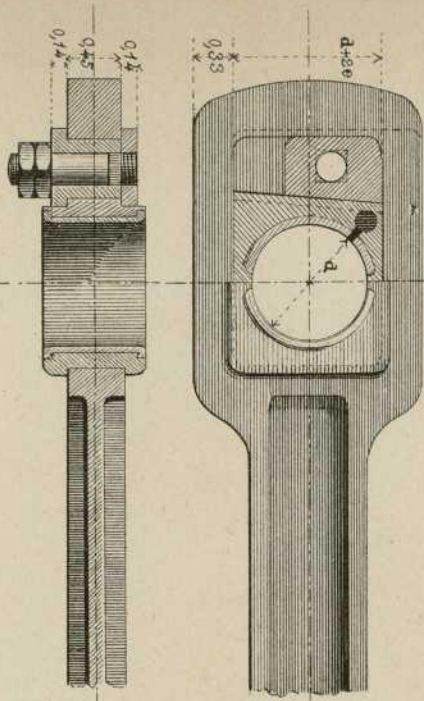
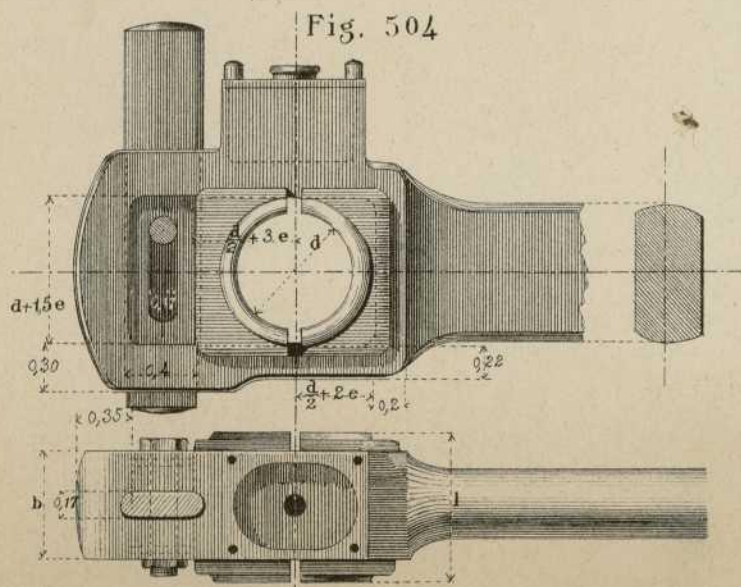
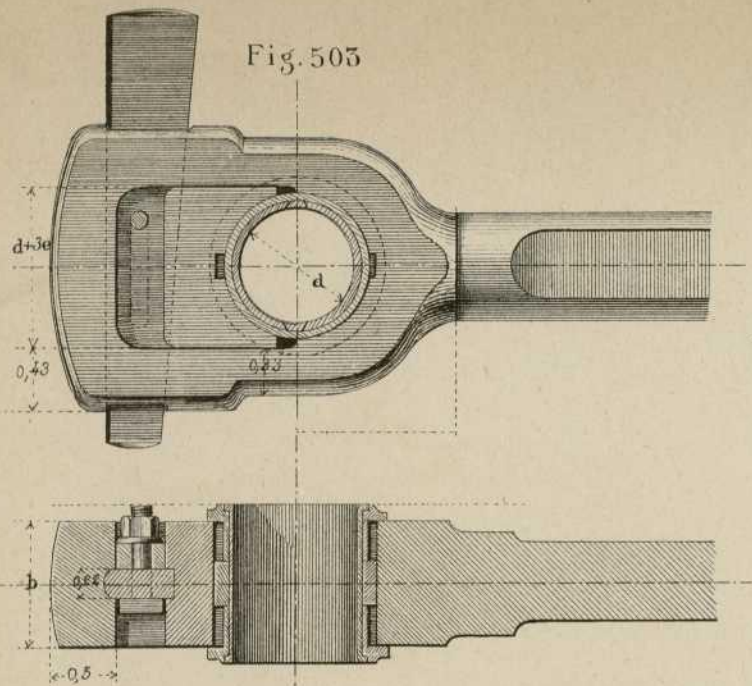


Fig. 515

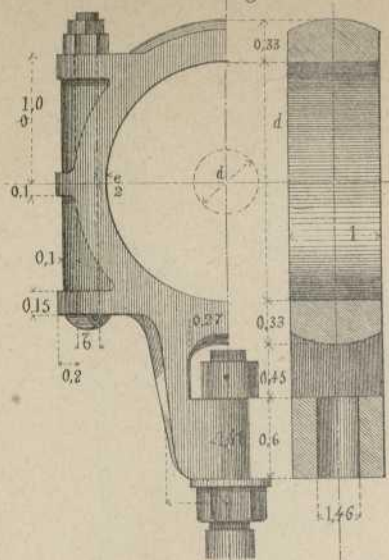


Fig. 516

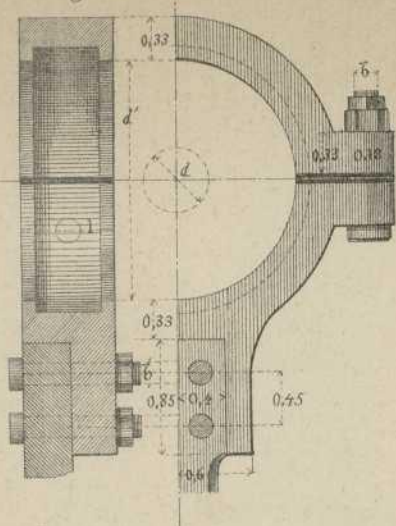


Fig. 519

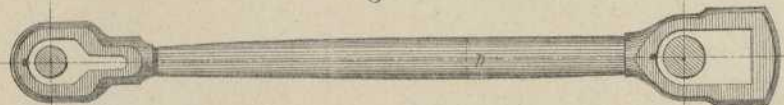


Fig. 517

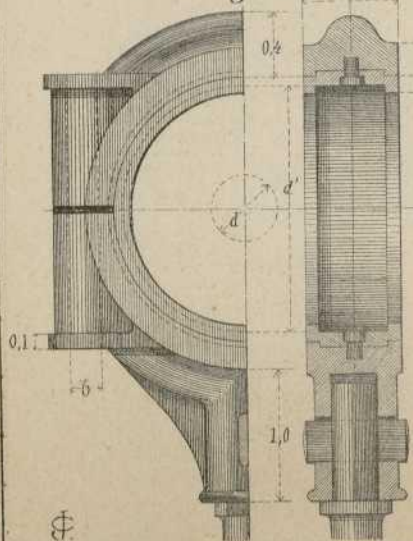


Fig. 518

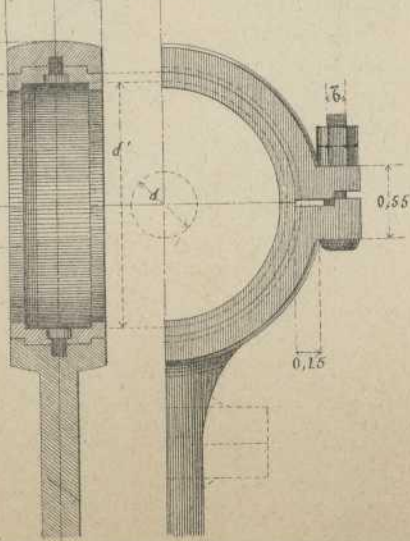


Fig. 520

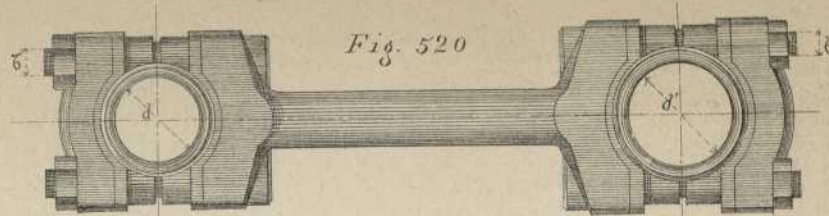


Fig. 521

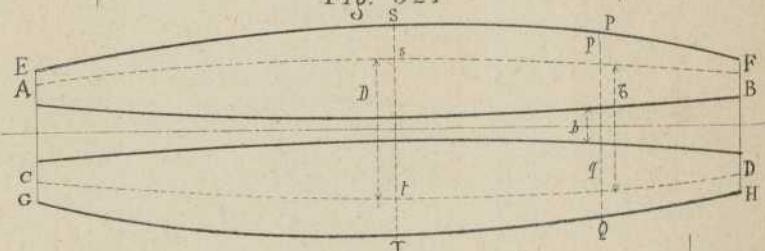


Fig. 522

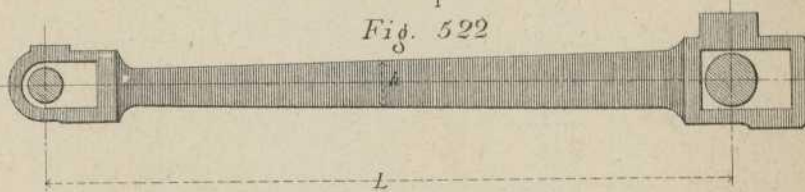


Fig. 523

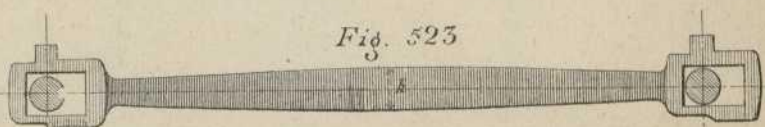


Fig. 524

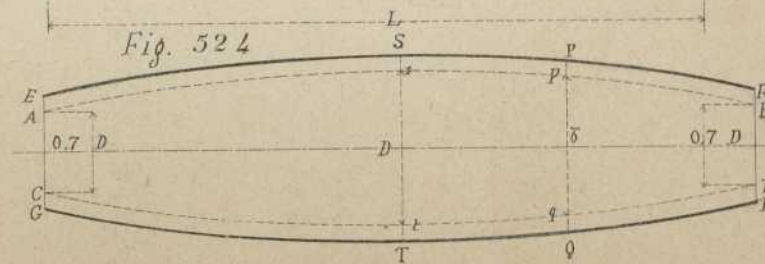


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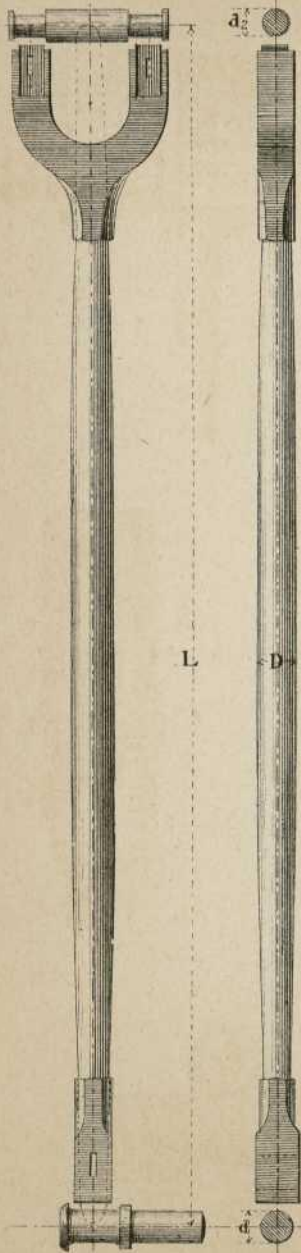


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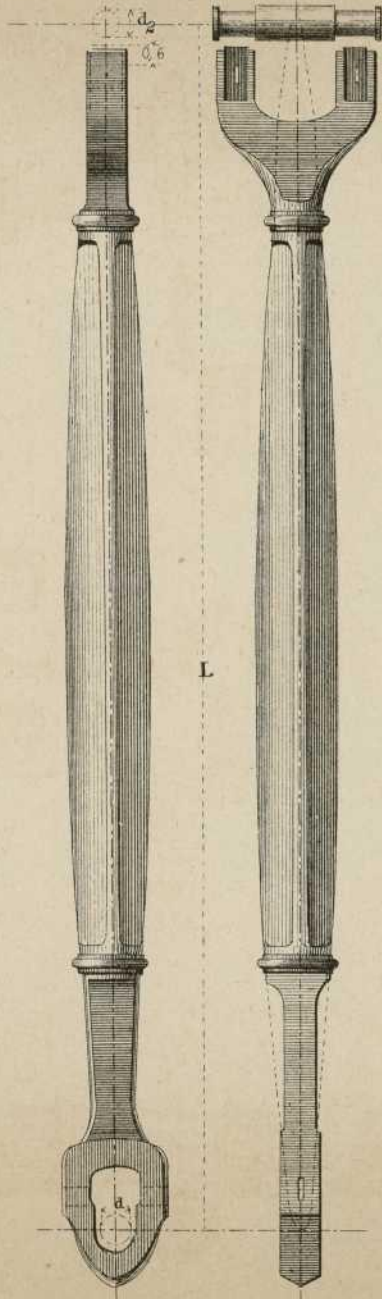


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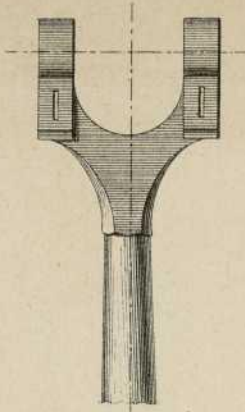


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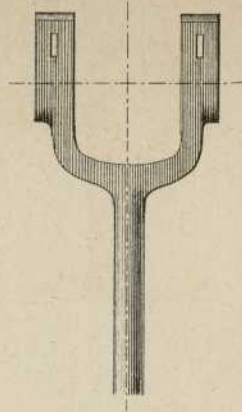


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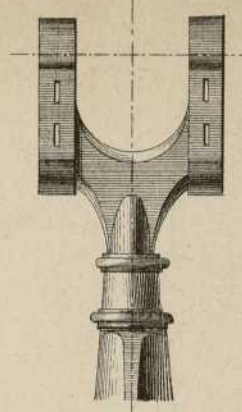


Fig. 533.

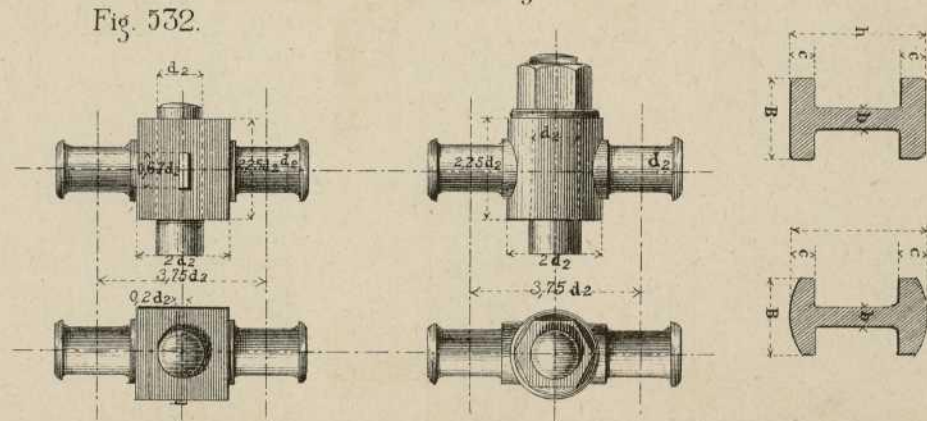


Fig. 532.

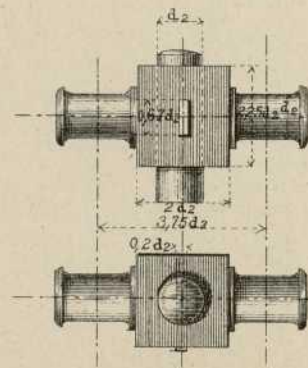


Fig. 526.

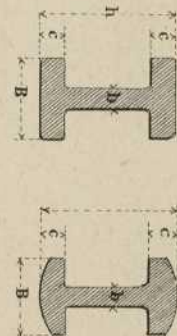
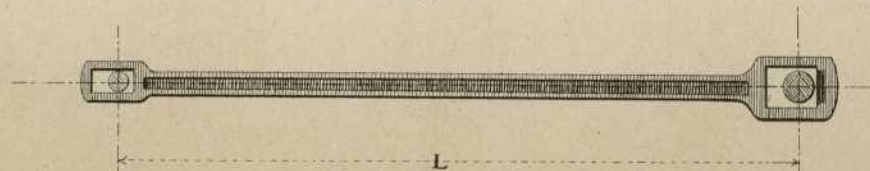


Fig. 525.



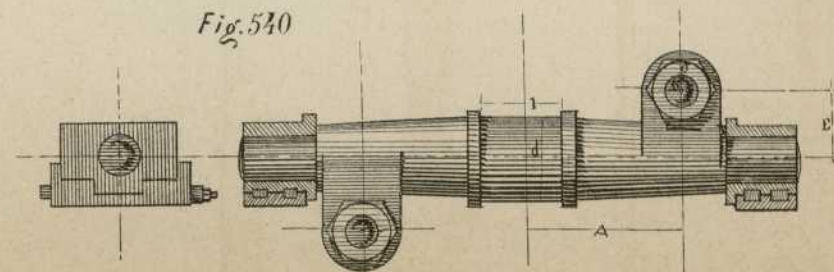
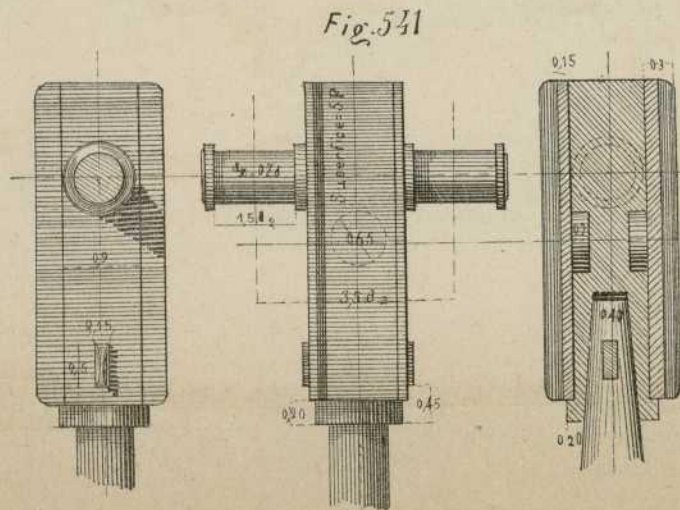
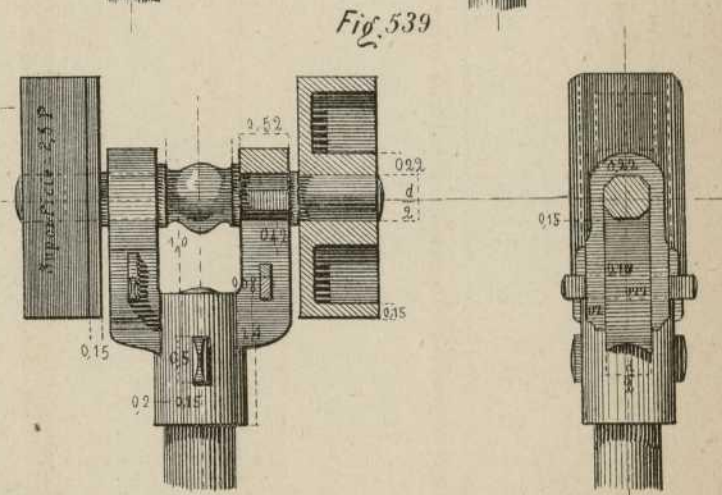
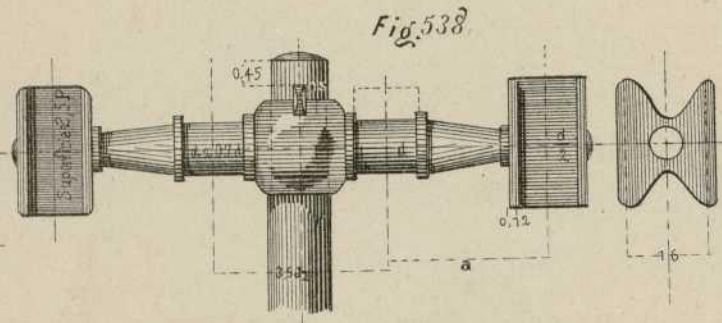
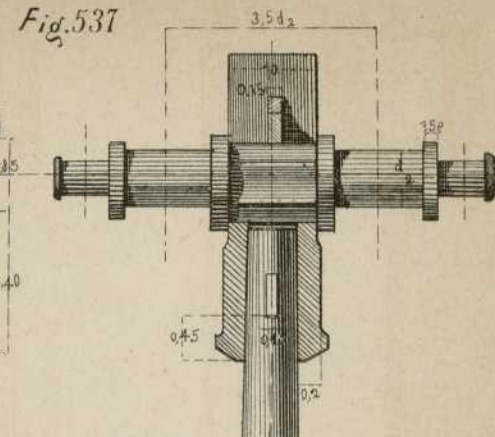
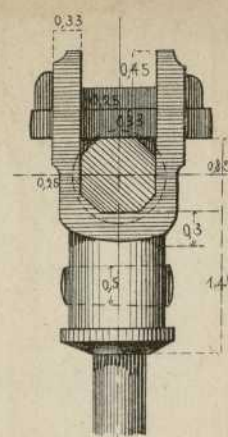
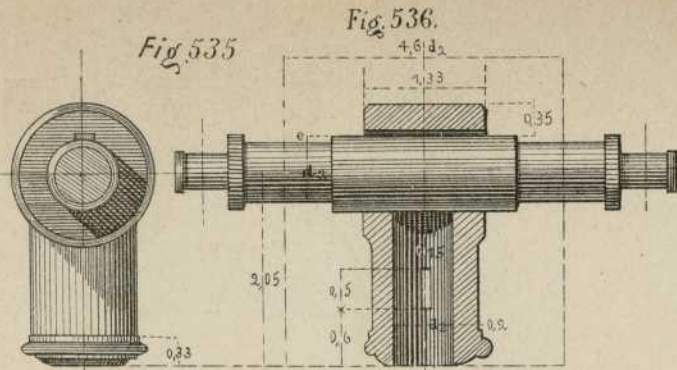
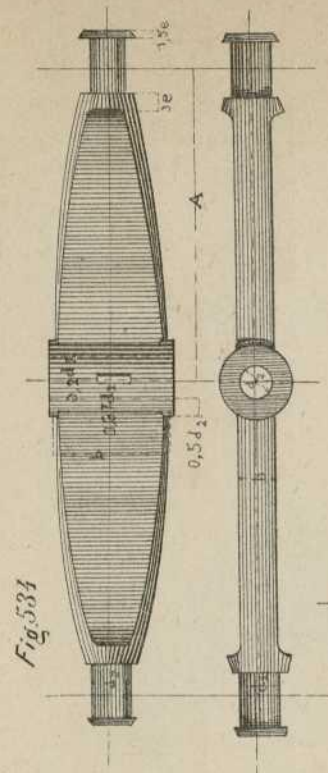


Fig. 542

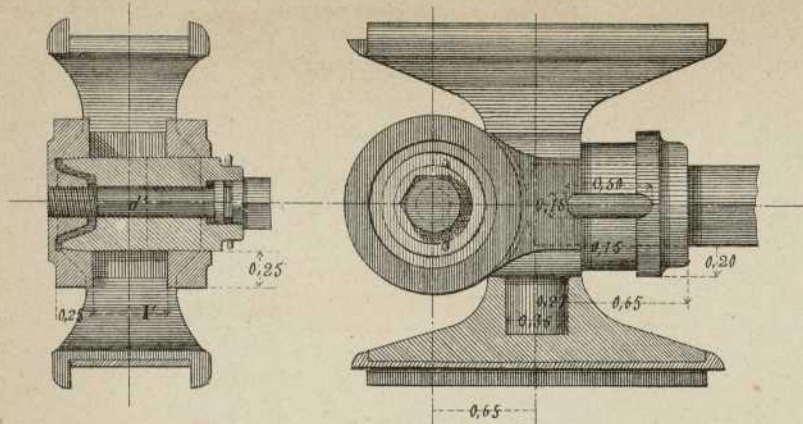


Fig. 545

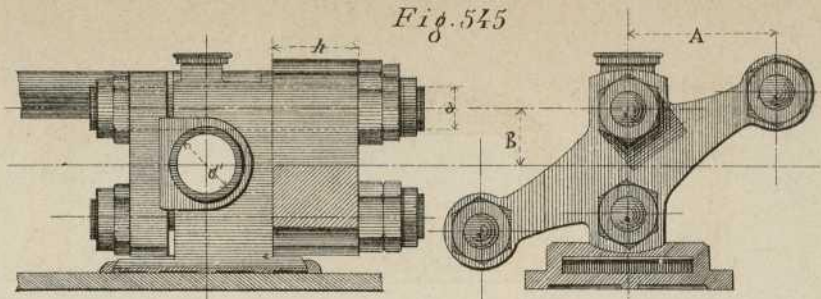


Fig. 543

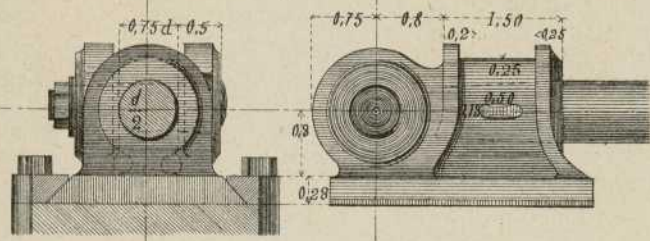


Fig. 546

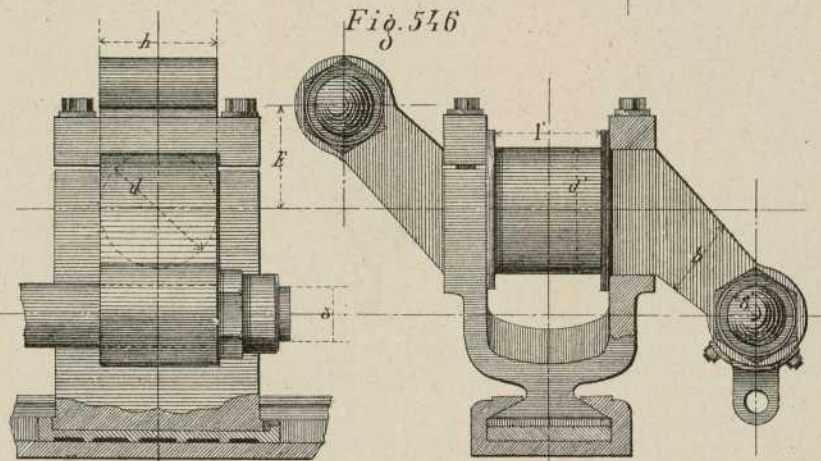


Fig. 544

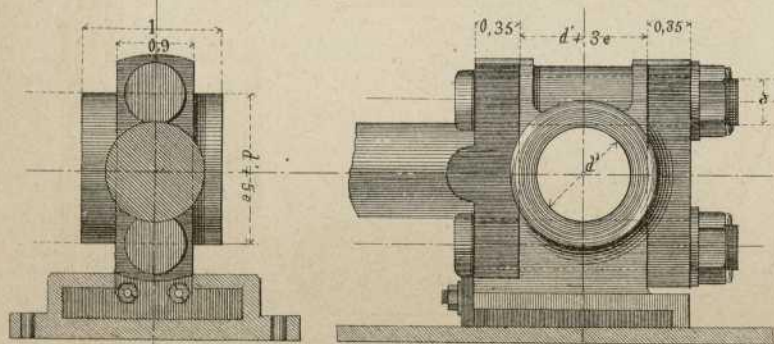


Fig. 547

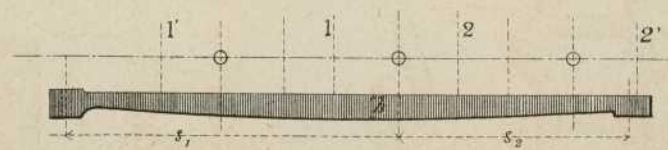


Fig. 548

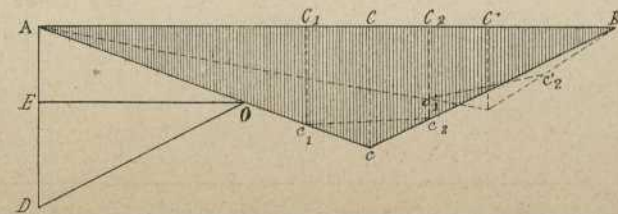


Fig. 549

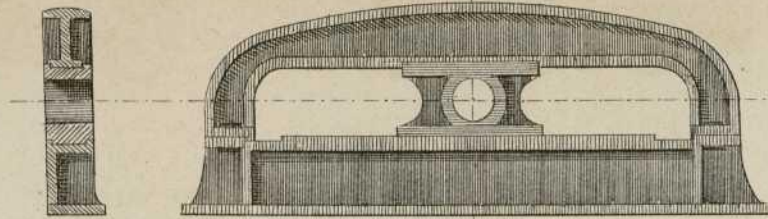


Fig. 550

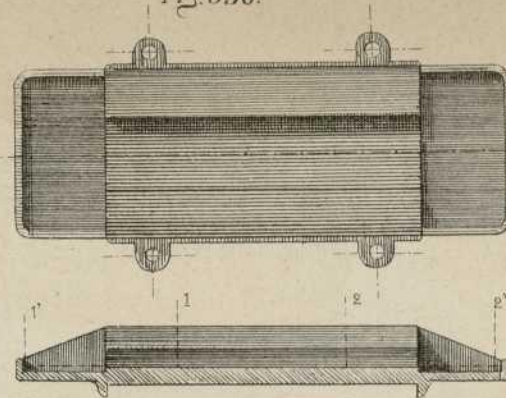


Fig. 551

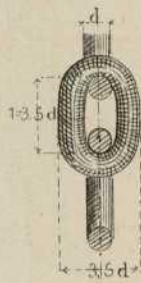


Fig. 552

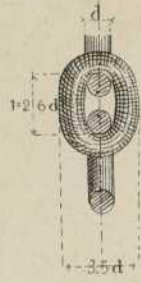


Fig. 553

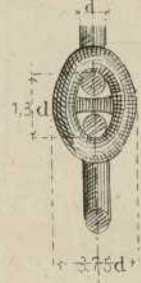


Fig. 556

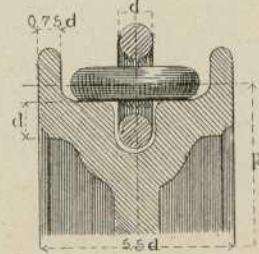


Fig. 557

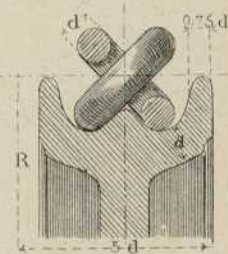


Fig. 554

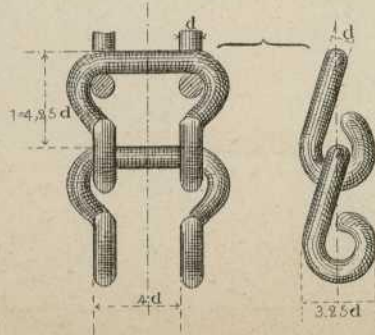


Fig. 555

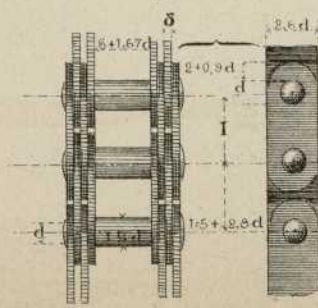
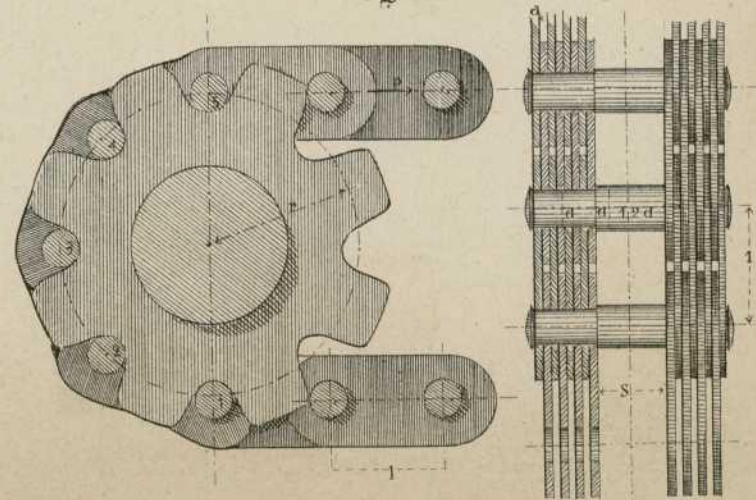


Fig. 558



J.M.

Fig.559

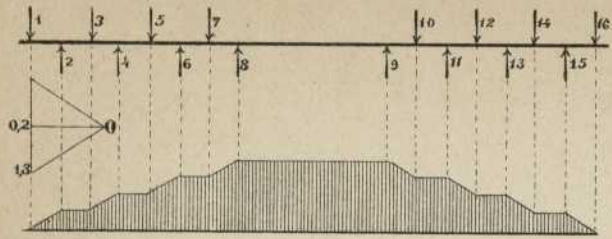


Fig. 560.

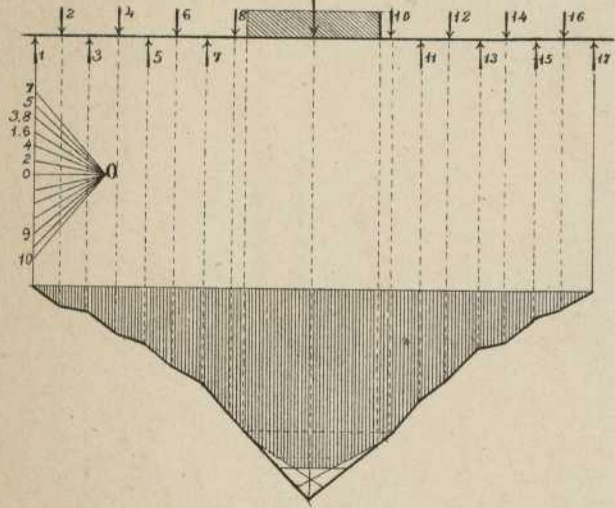


Fig.565

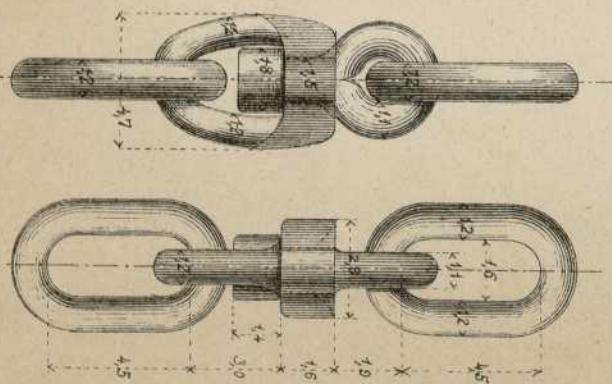


Fig.563

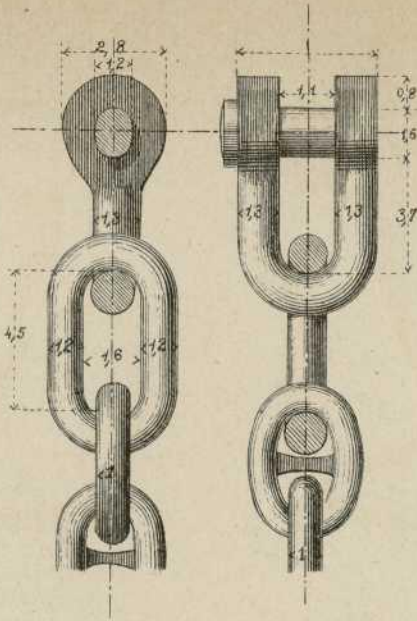


Fig.564

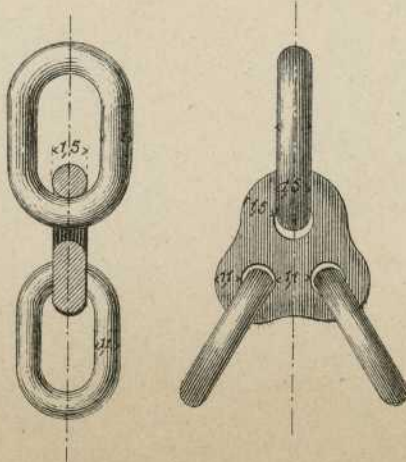


Fig.562

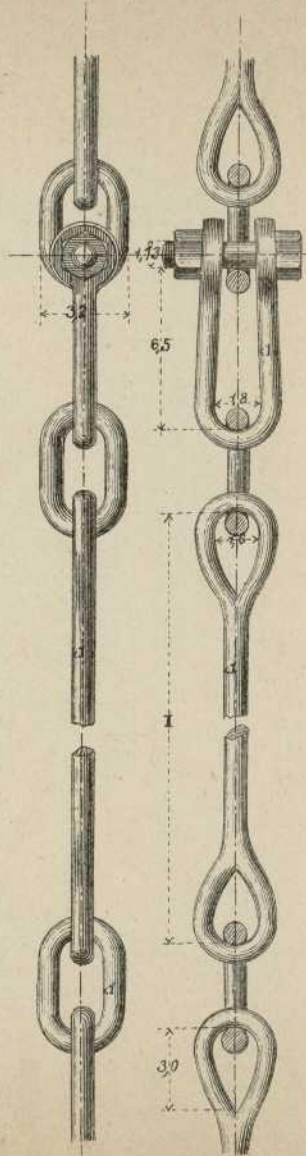
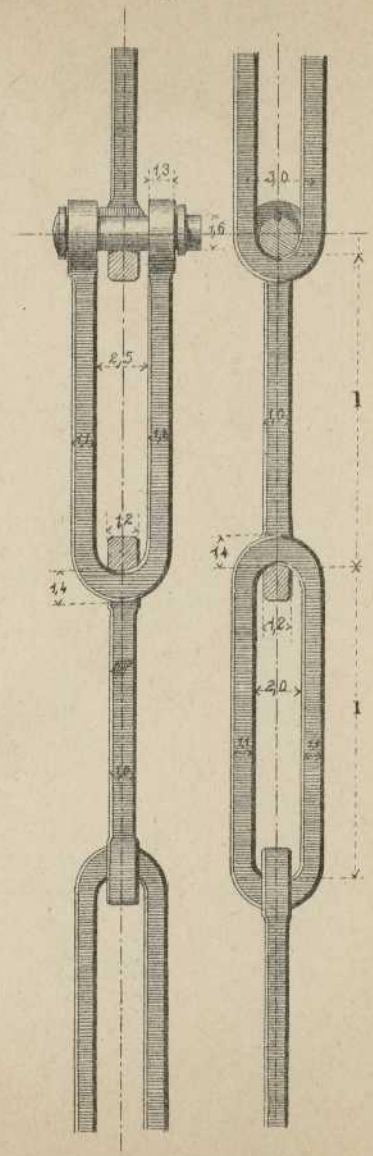


Fig.561



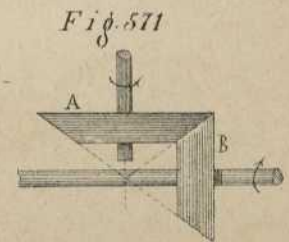
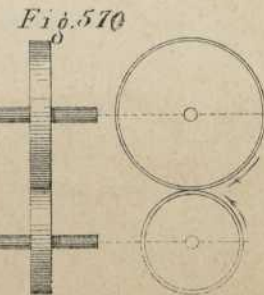
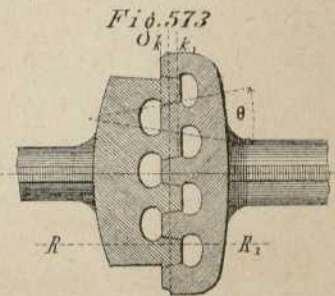
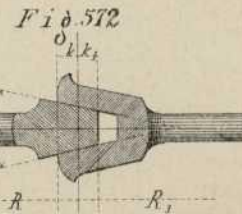
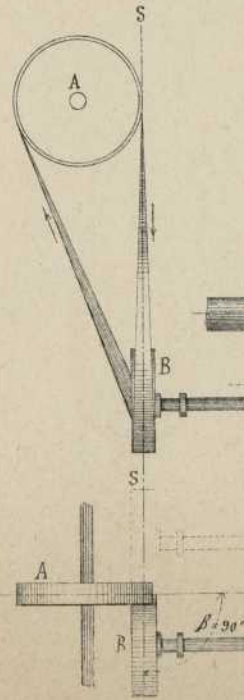
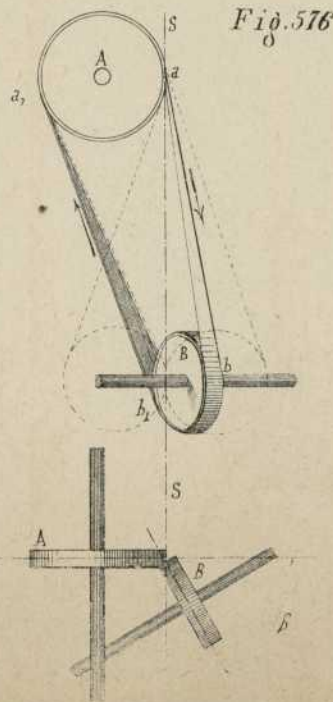
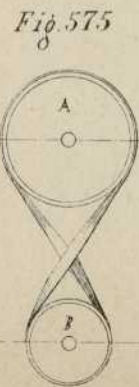
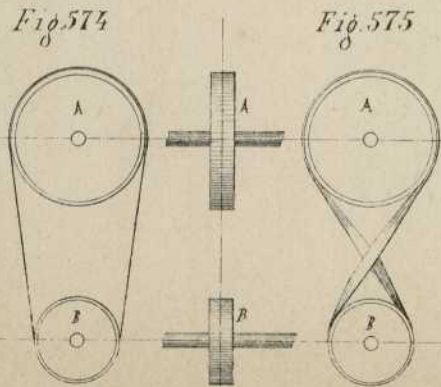
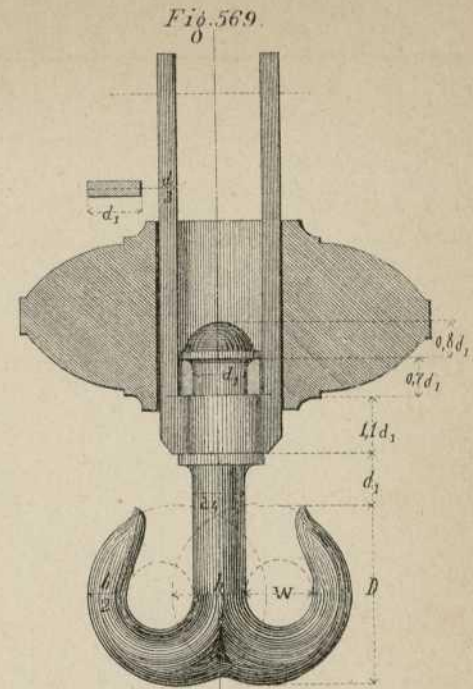
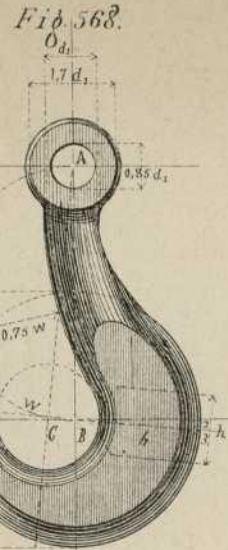
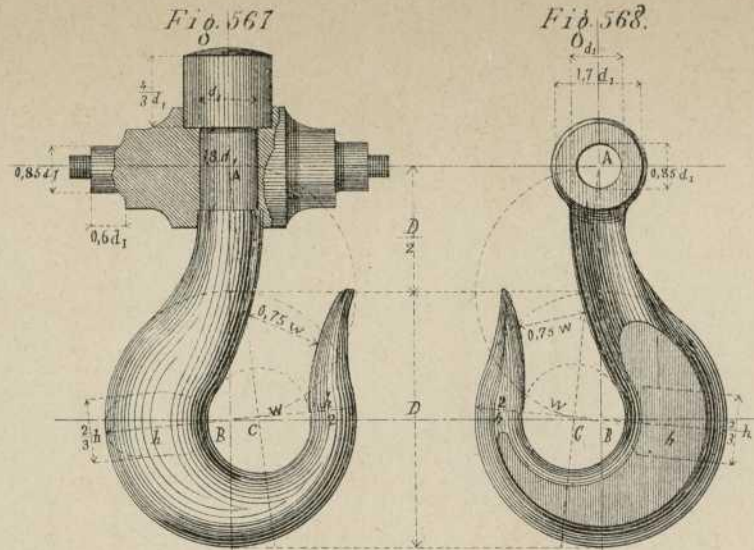
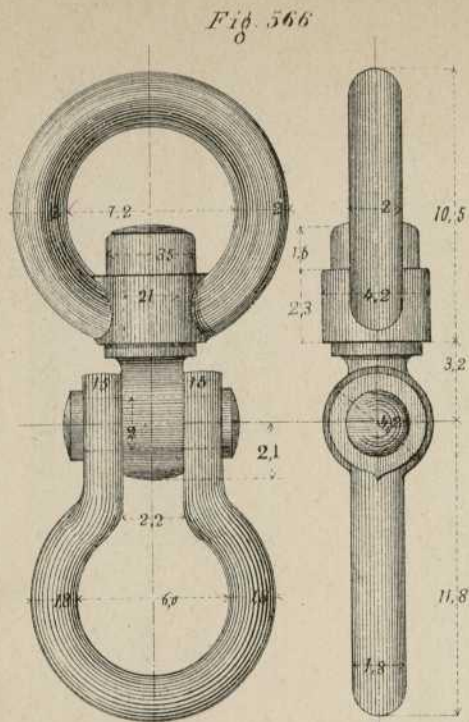


Fig. 577

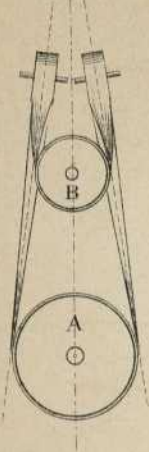


Fig. 578

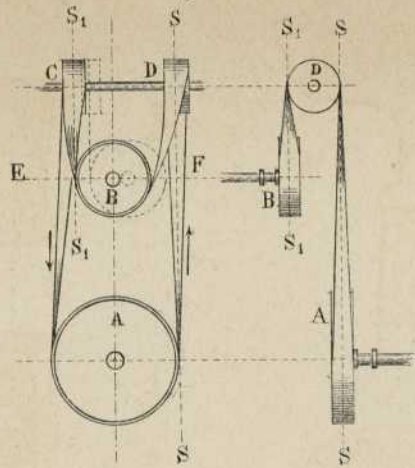


Fig. 579

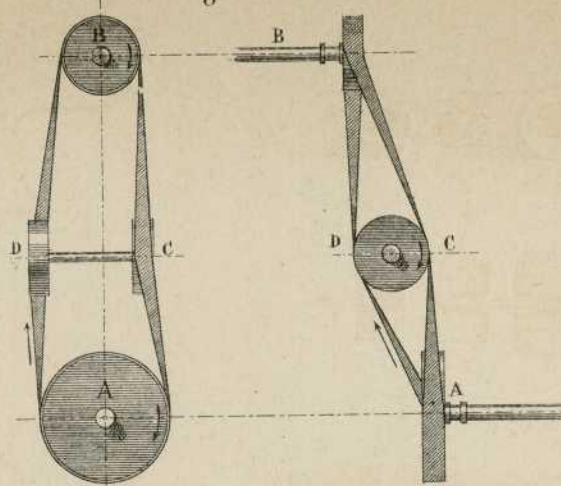


Fig. 580

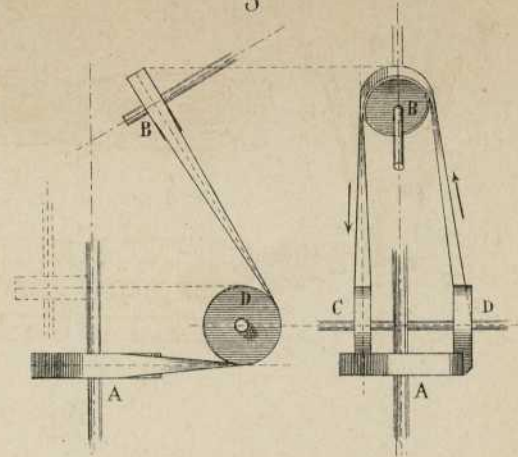


Fig. 584

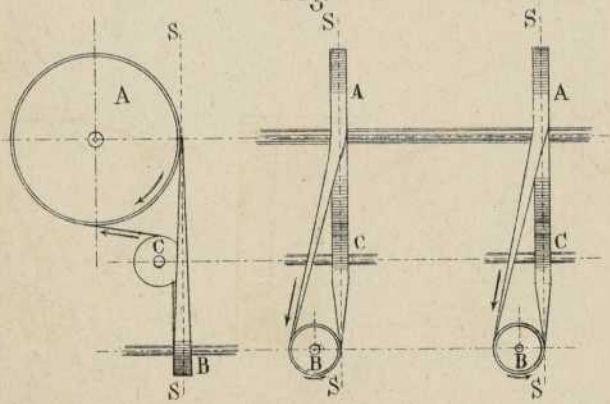


Fig. 581

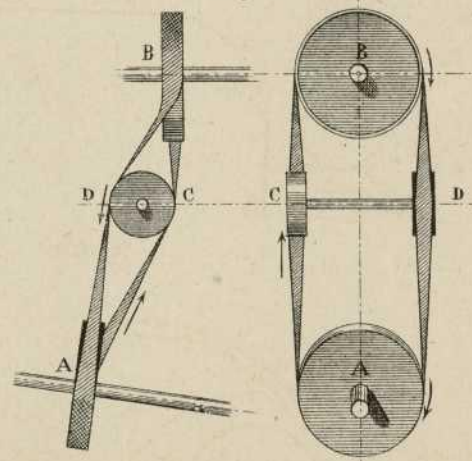


Fig. 582

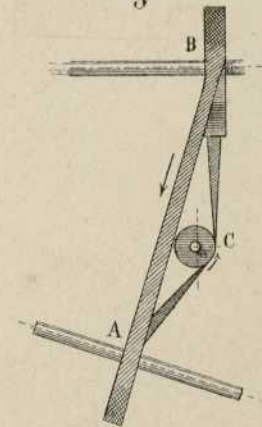


Fig. 585

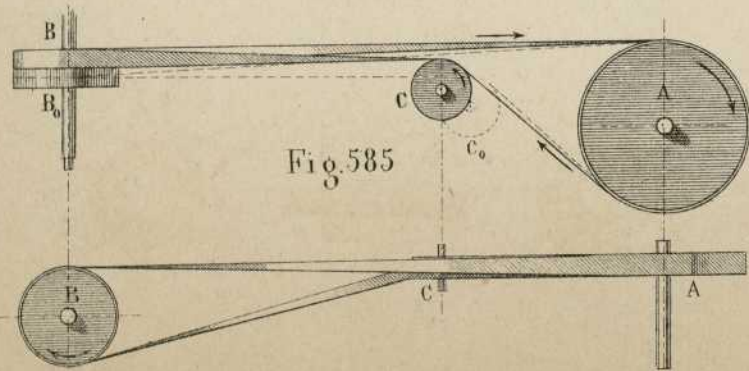
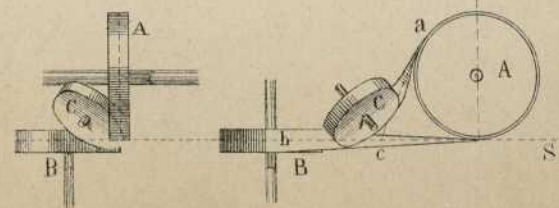


Fig. 583



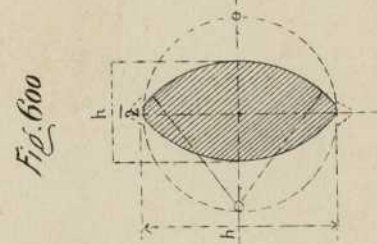
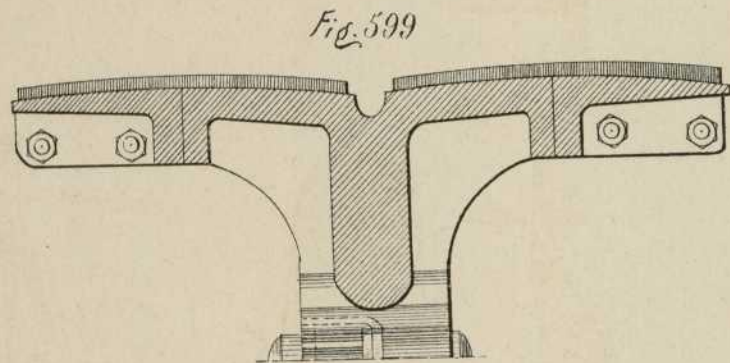
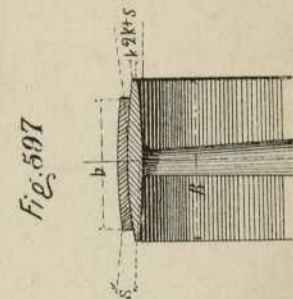
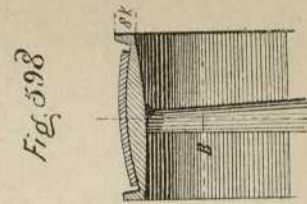
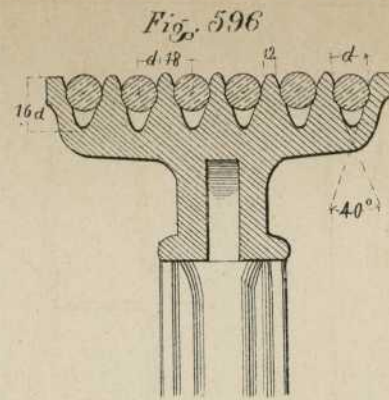
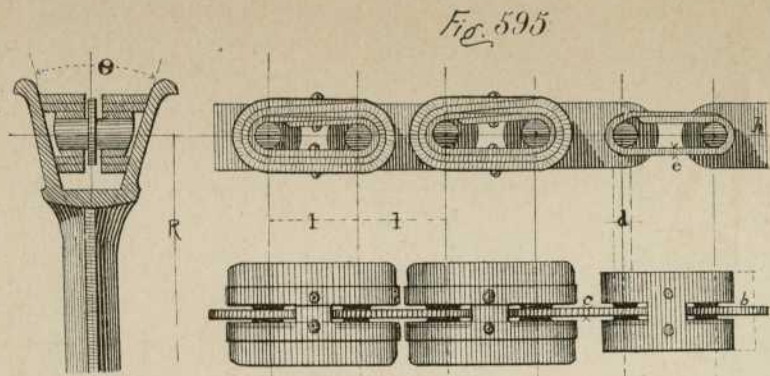


Fig. 602

Fig. 603

Fig. 604

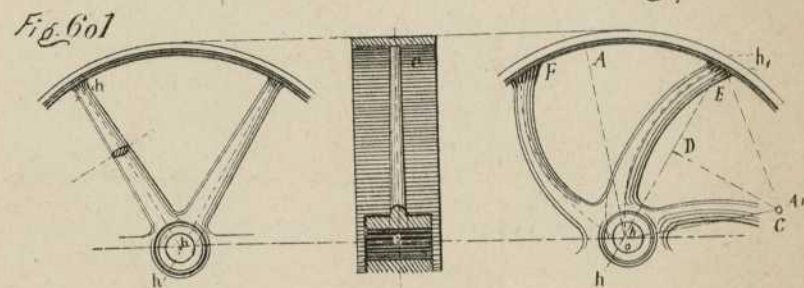
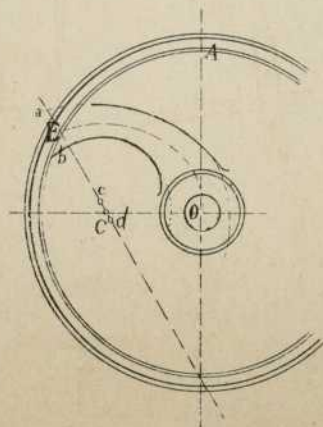
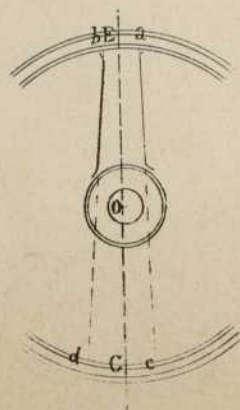
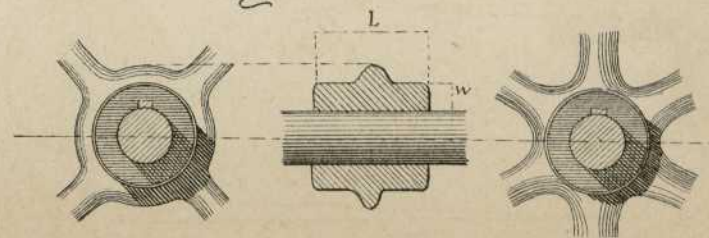


Fig. 605



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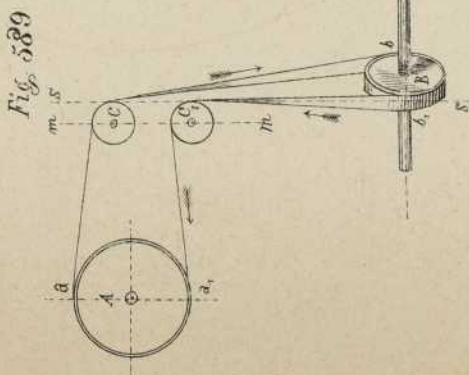
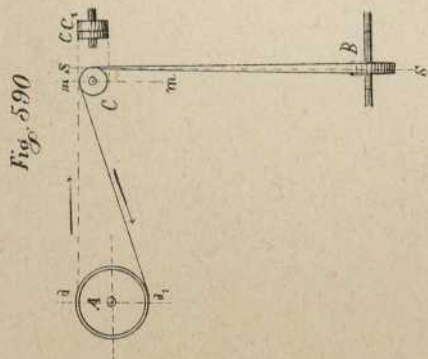
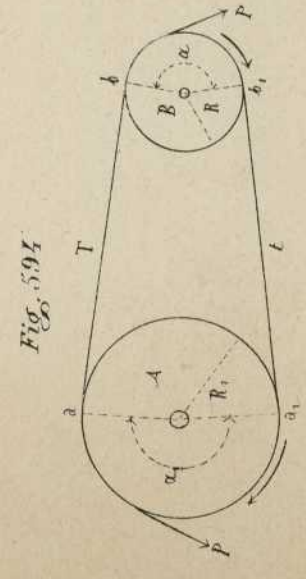
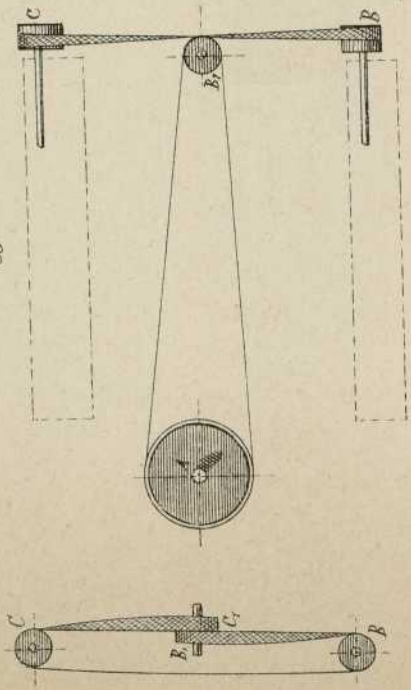
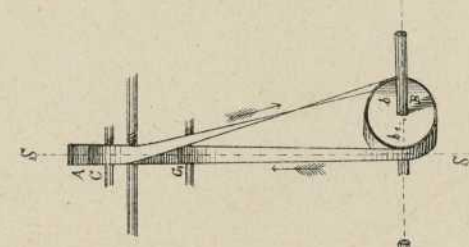
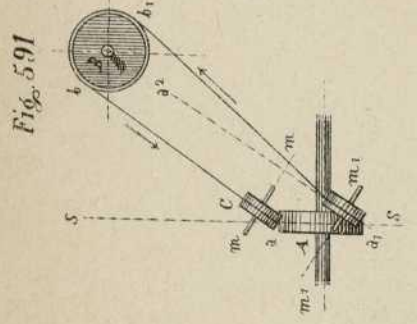
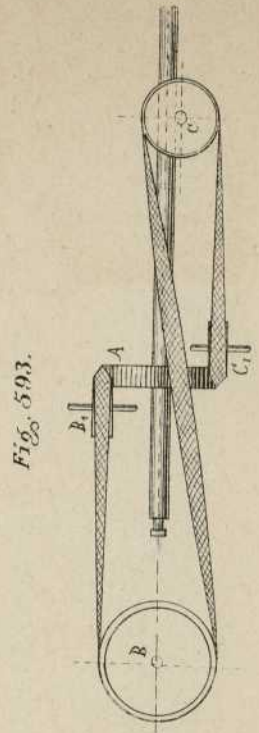
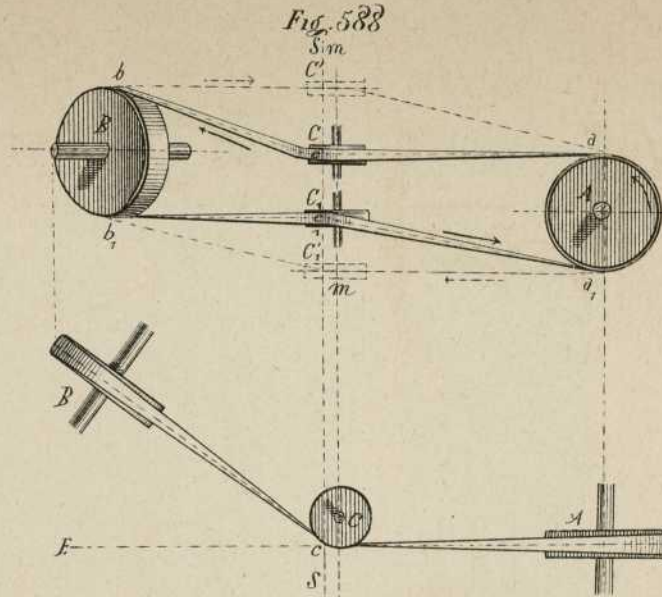
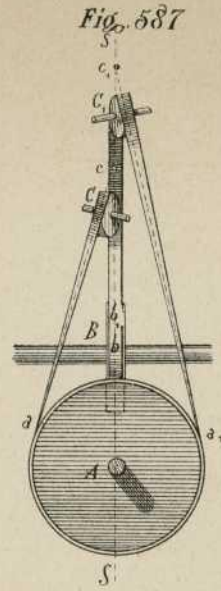
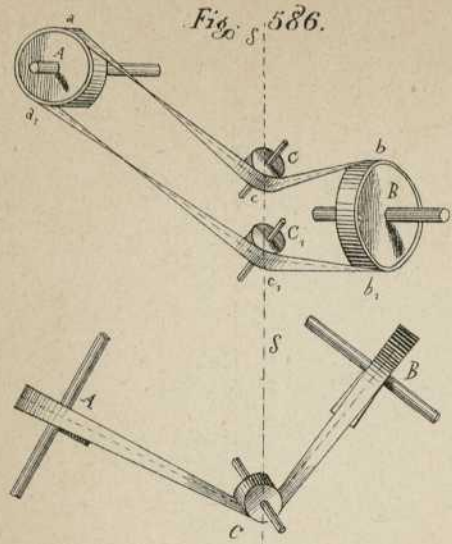


Fig. 606.

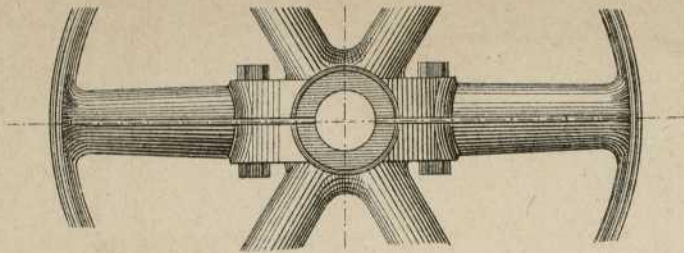


Fig. 610

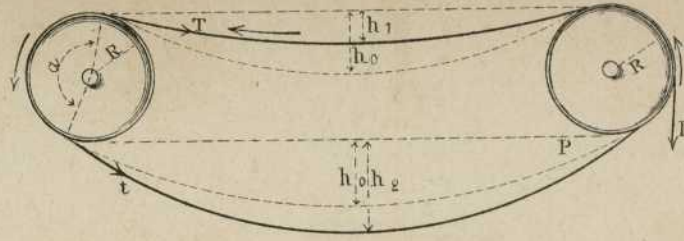


Fig. 607

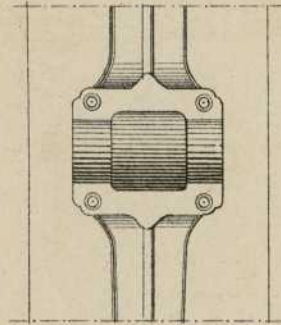
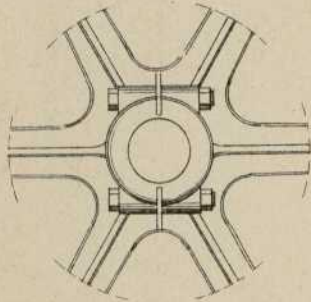


Fig. 611

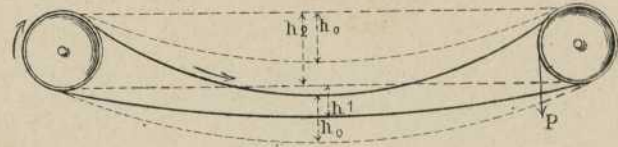


Fig. 612

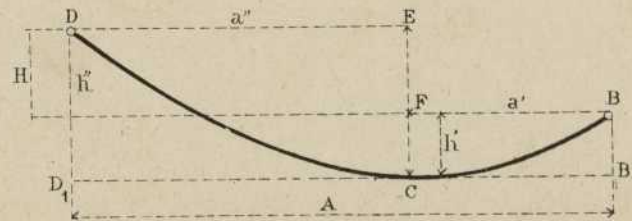


Fig. 608

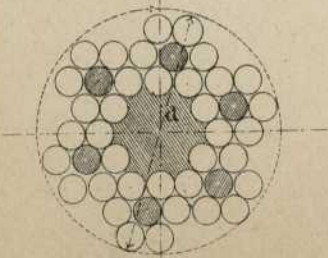


Fig. 609

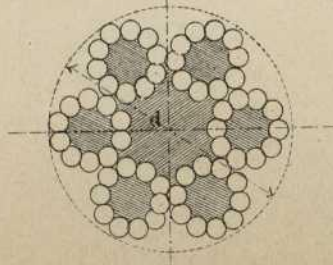
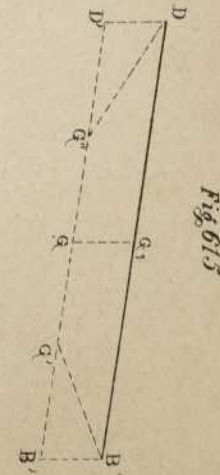
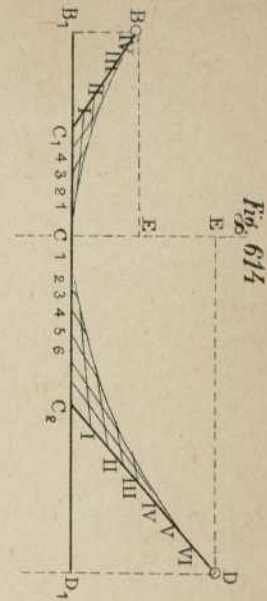
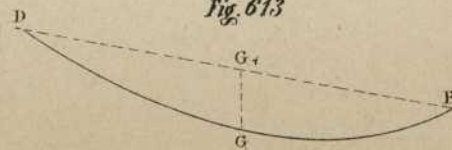


Fig. 613



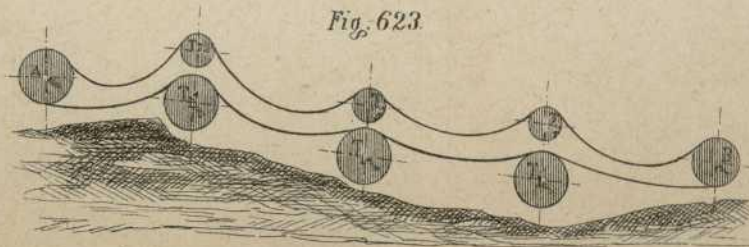
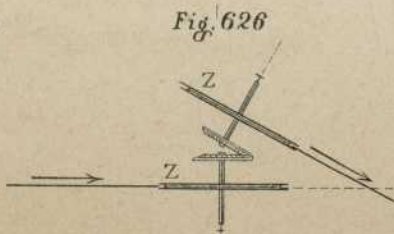
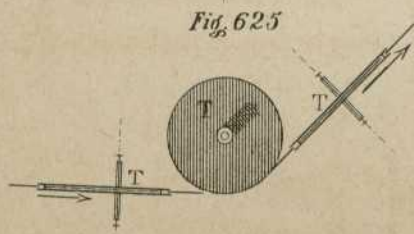
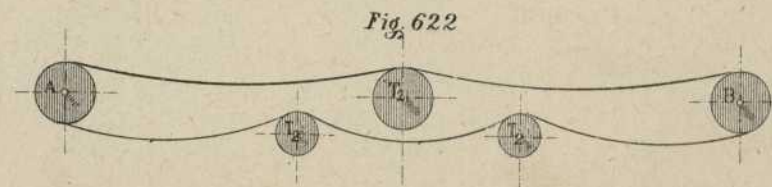
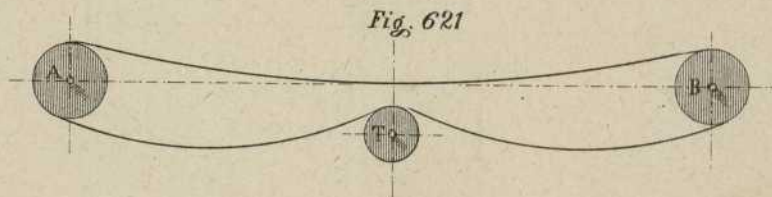
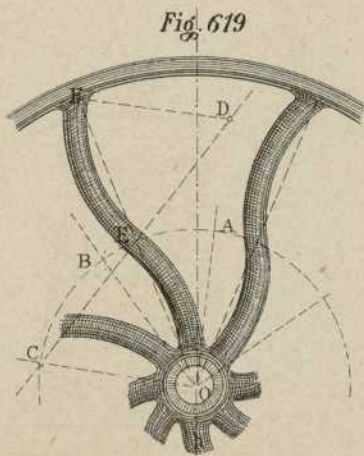
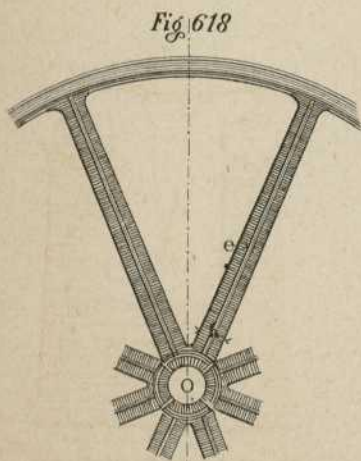
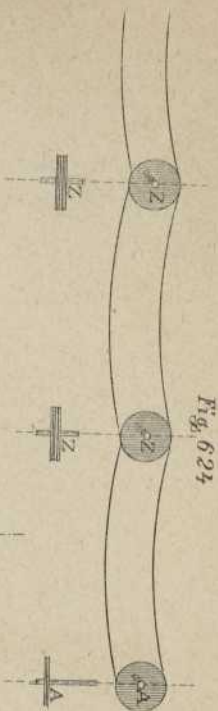
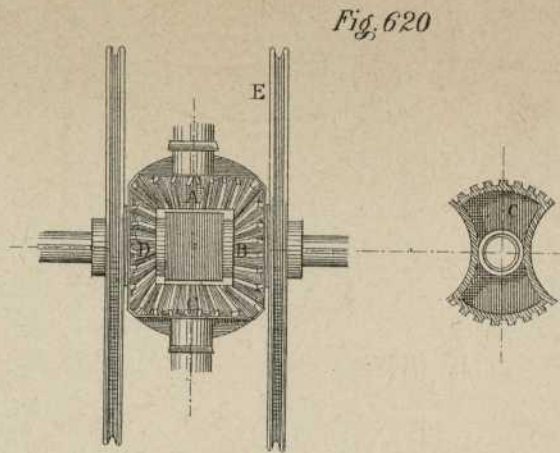
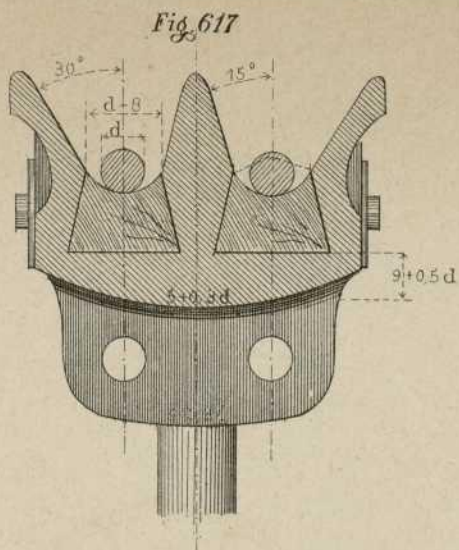
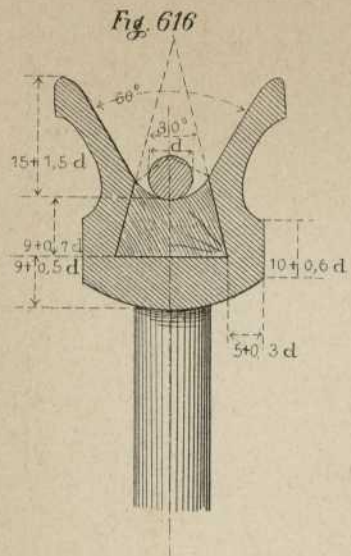


Fig. 627

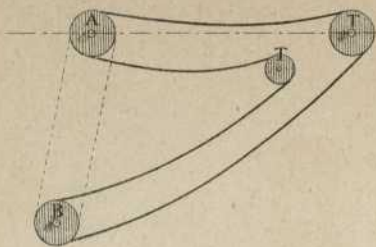


Fig. 628

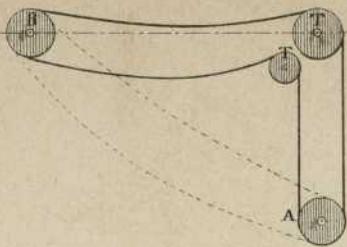


Fig. 629

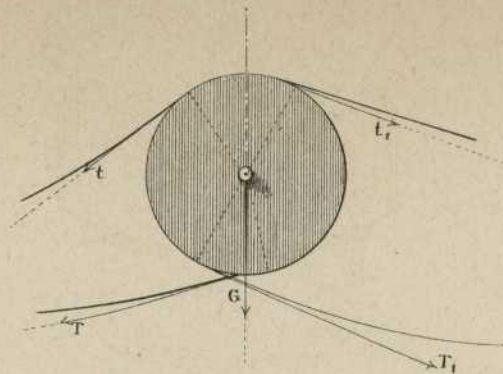


Fig. 630

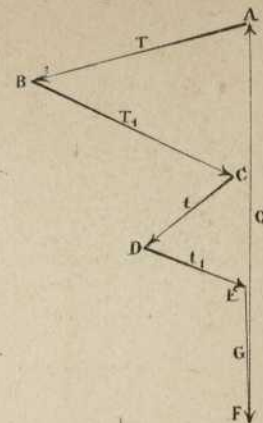


Fig. 632

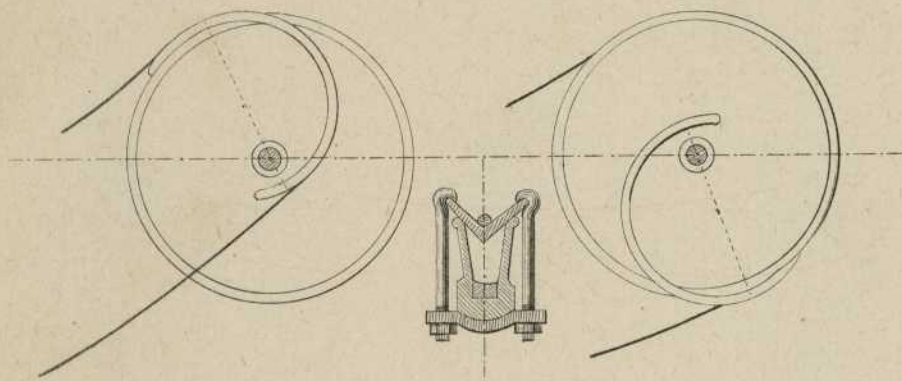


Fig. 631

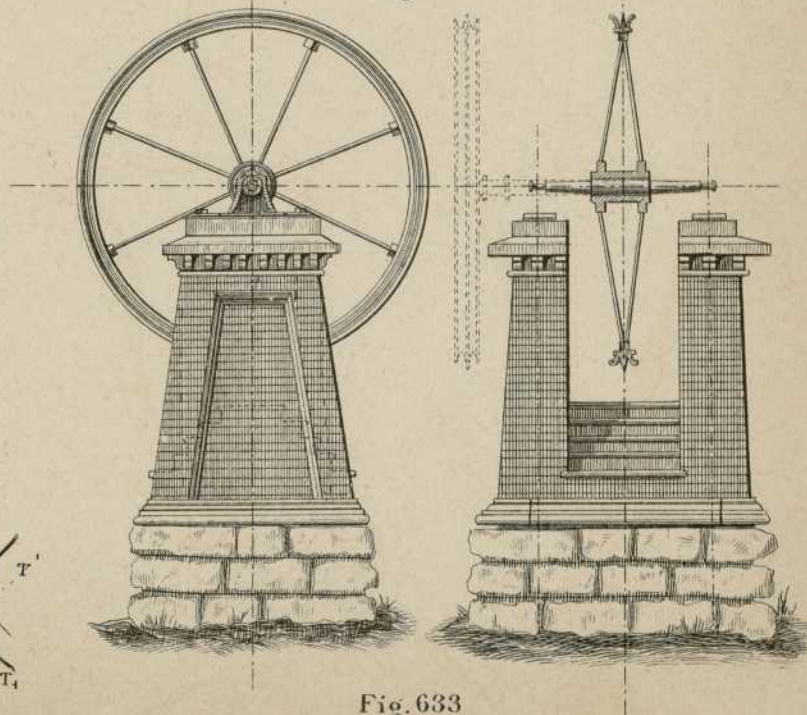


Fig. 636

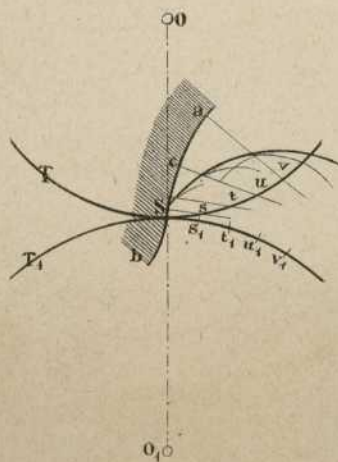


Fig. 635

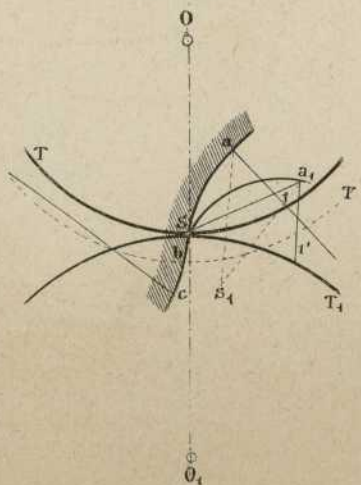
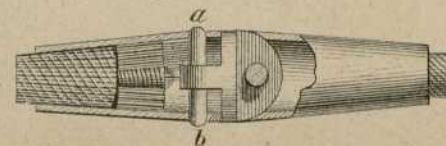


Fig. 634



Fig. 633



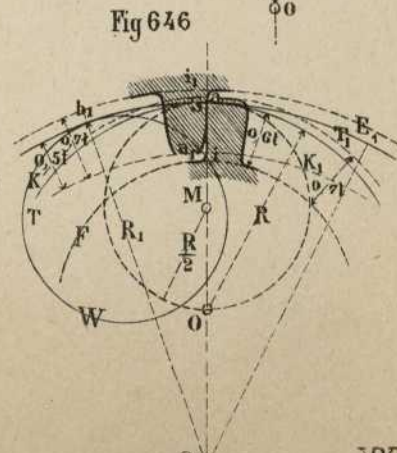
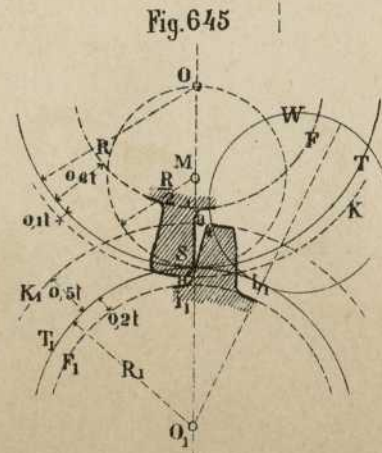
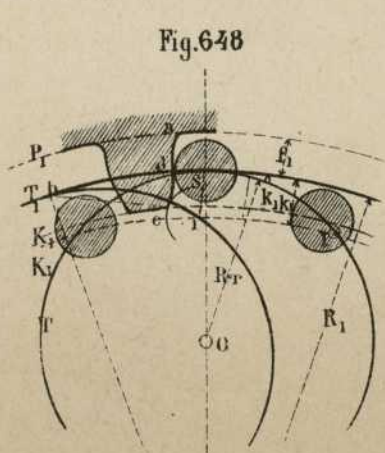
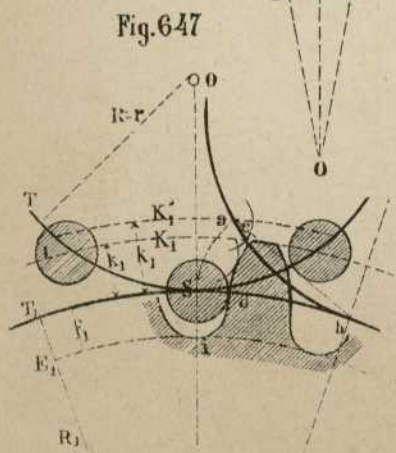
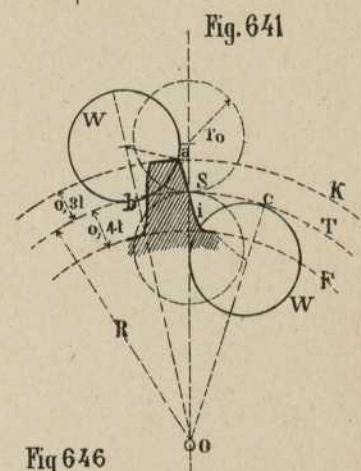
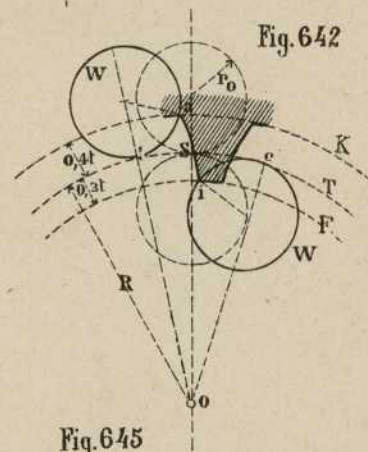
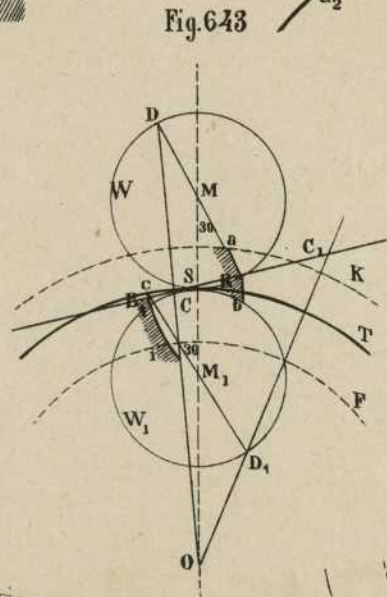
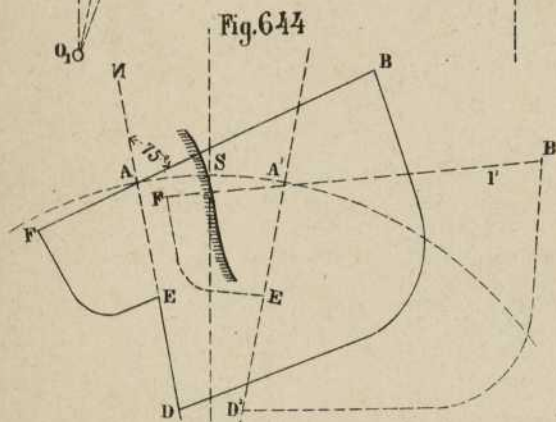
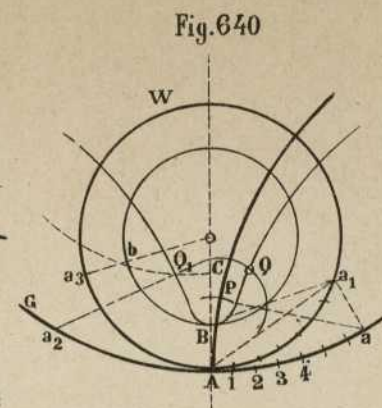
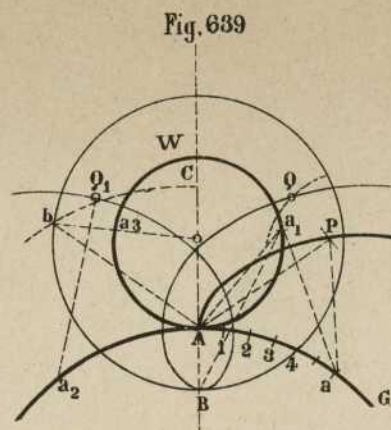
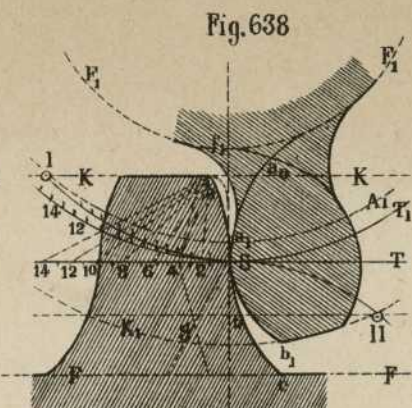
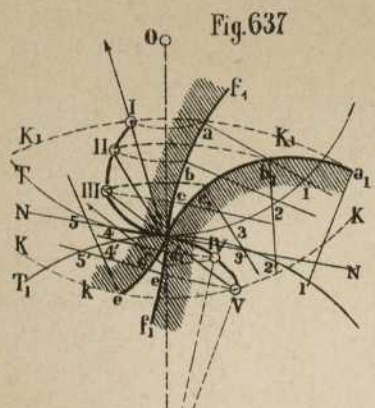


Fig. 649

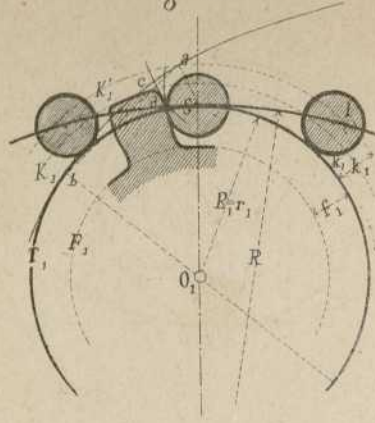


Fig. 650

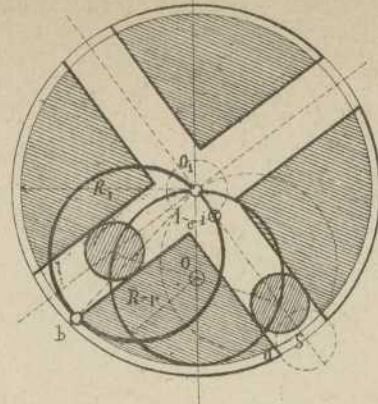


Fig. 651

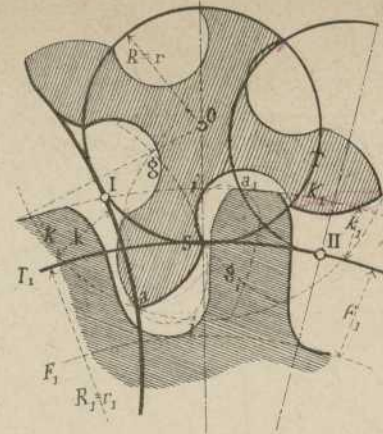


Fig. 652

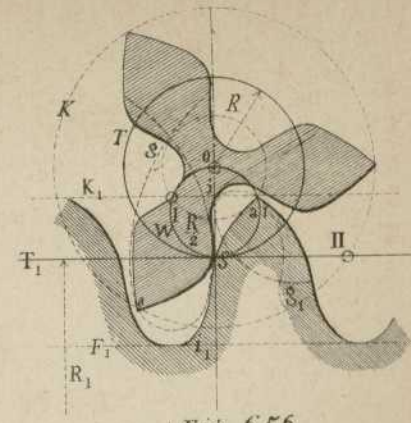


Fig. 653

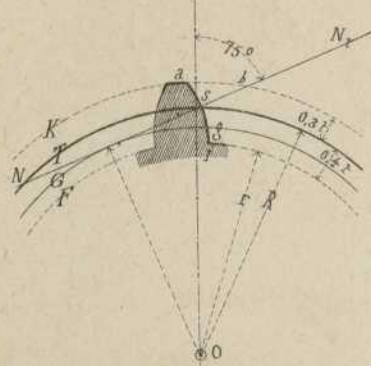


Fig. 654

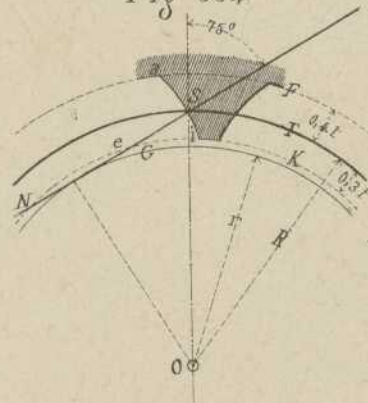


Fig. 655

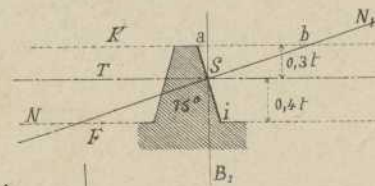


Fig. 656

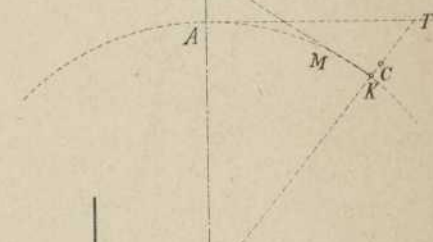


Fig. 660

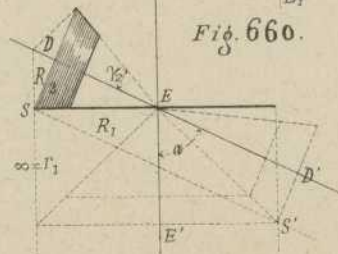


Fig. 657

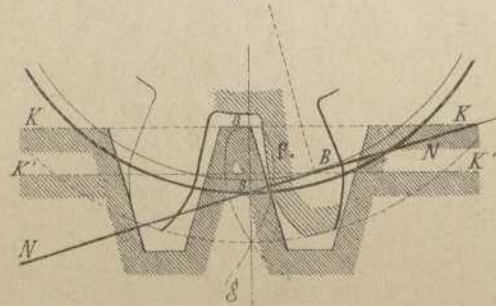


Fig. 659

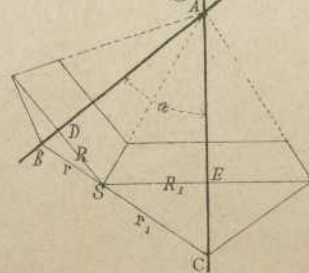


Fig. 661

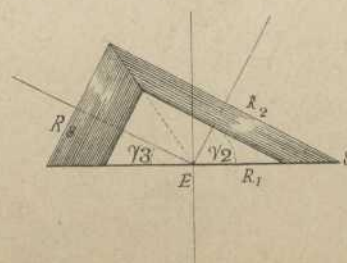


Fig. 658

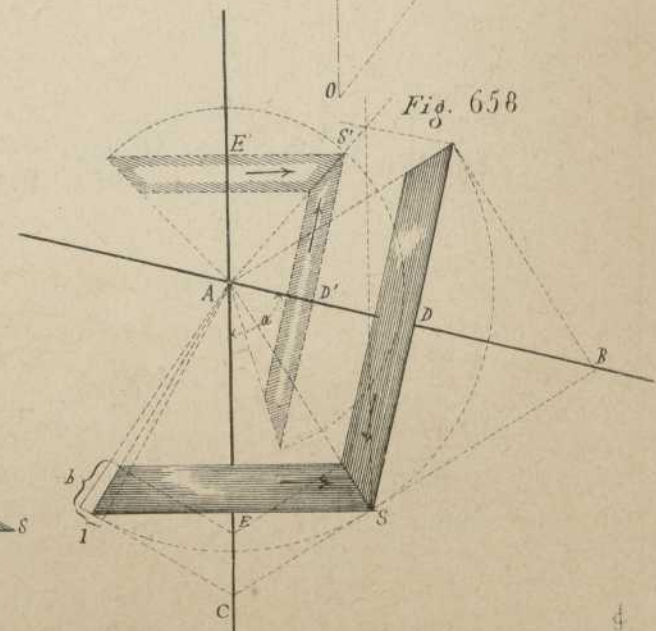


Fig. 678.

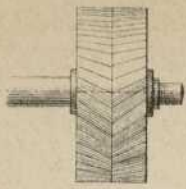


Fig. 662.

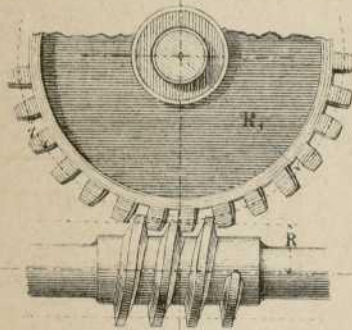
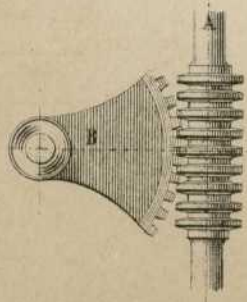


Fig. 671.



Fig. 675.



Nac. de 1866.

Fig. 665.

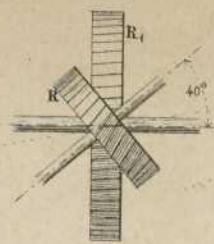


Fig. 666.

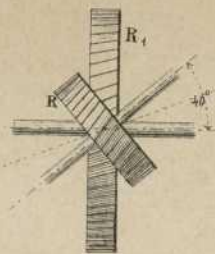


Fig. 667.

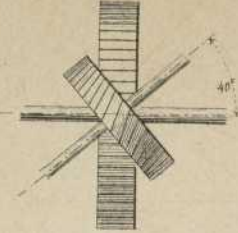


Fig. 665.

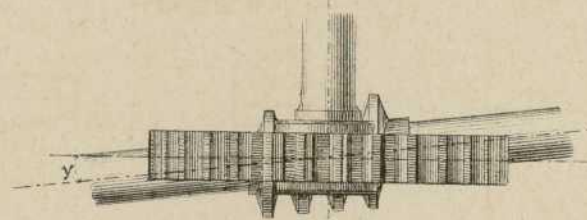


Fig. 664.

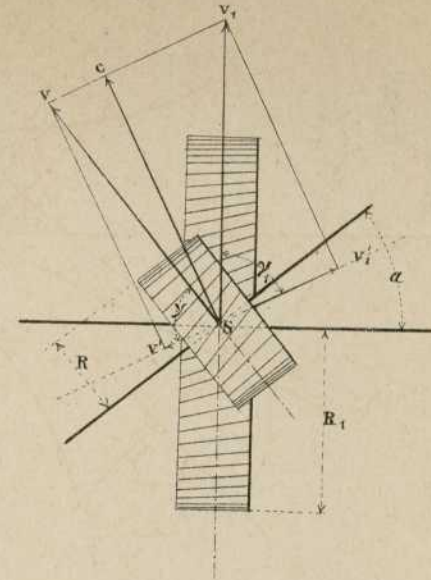


Fig. 672.

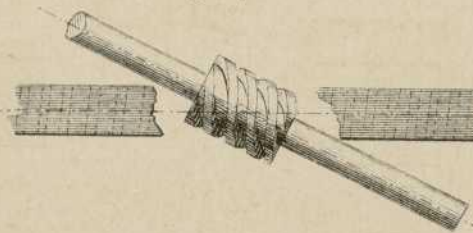


Fig. 676.

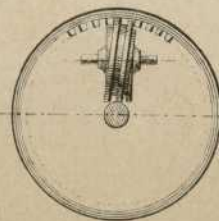


Fig. 677.

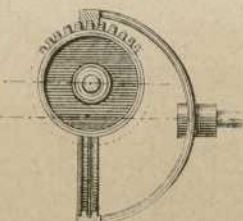


Fig. 668.

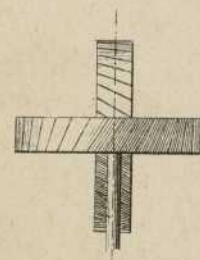


Fig. 673.

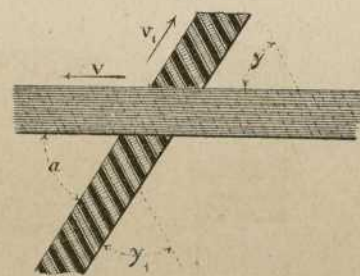


Fig. 669.

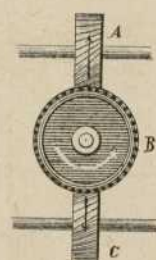


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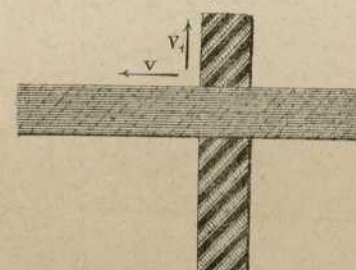


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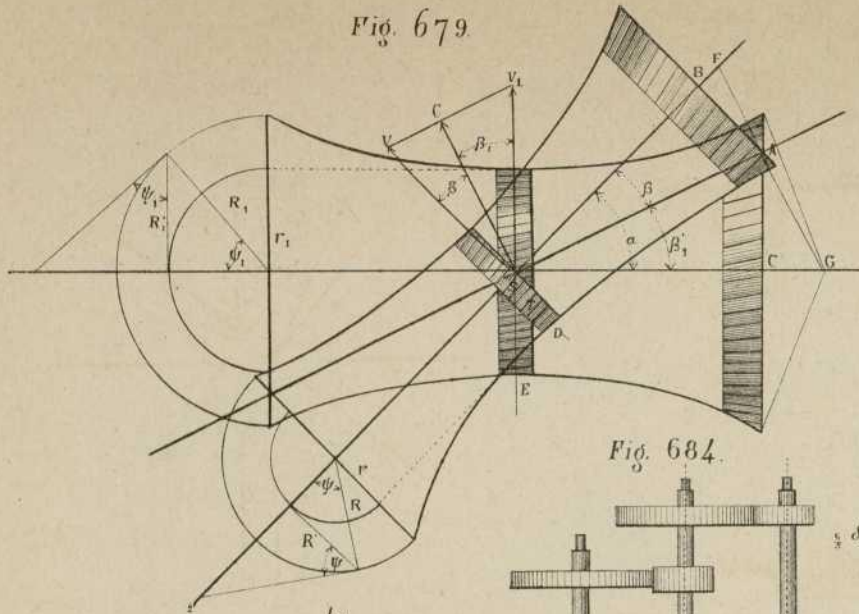


Fig. 681.

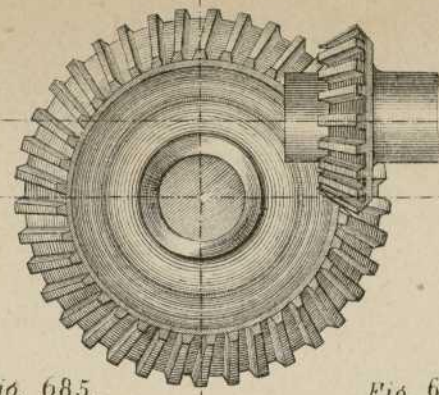


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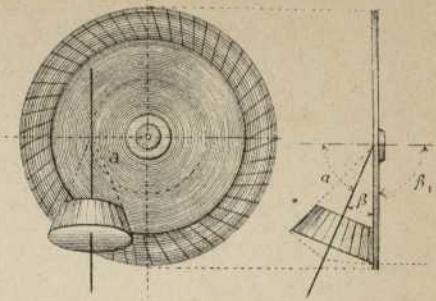


Fig. 684.

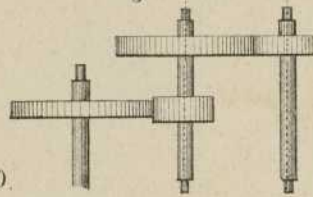


Fig. 685.

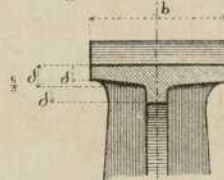


Fig. 686.

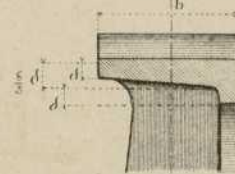


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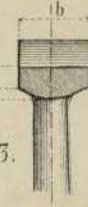


Fig. 688.

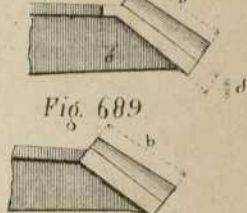


Fig. 689.



Fig. 680.

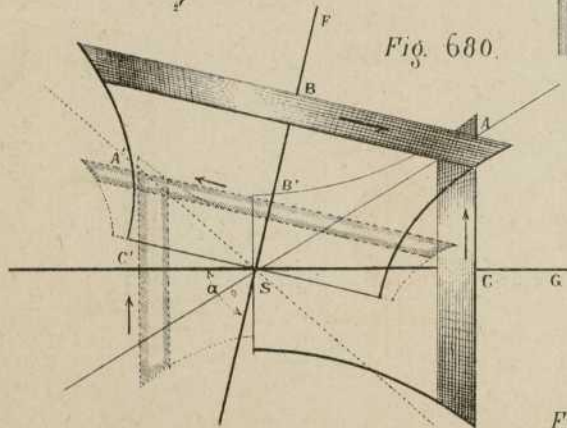


Fig. 690.



Fig. 683.

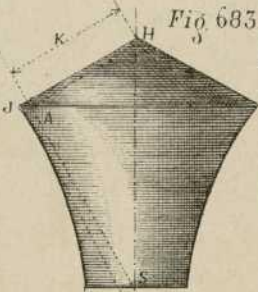


Fig. 691.

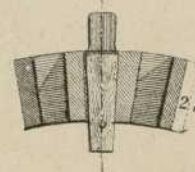


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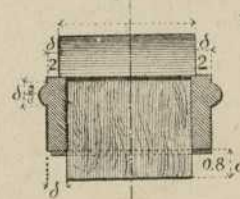


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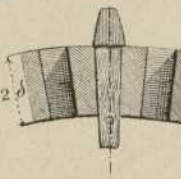


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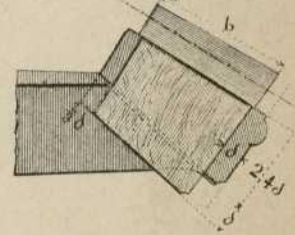


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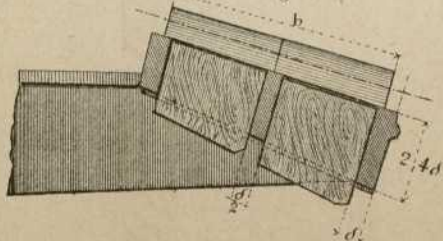


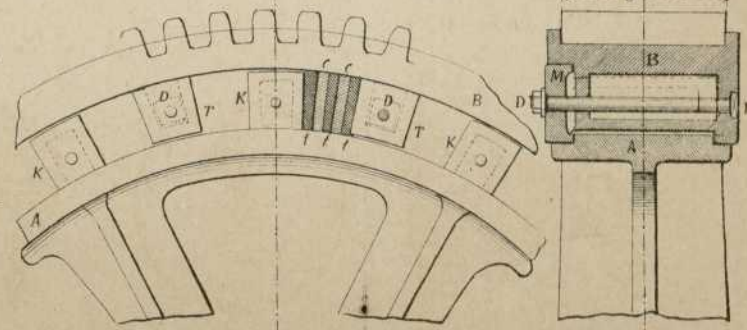
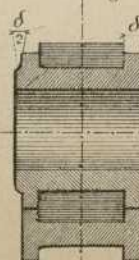
Fig. 696.



Fig. 697.



Fig. 698.



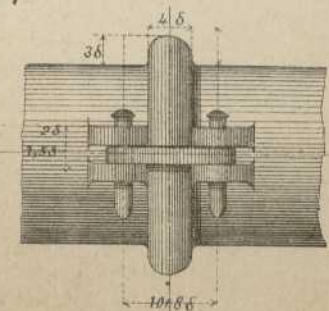
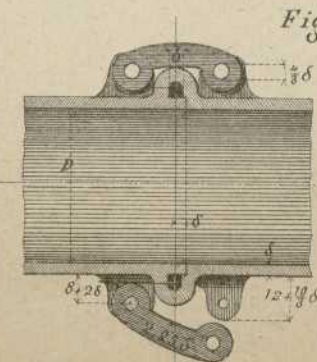
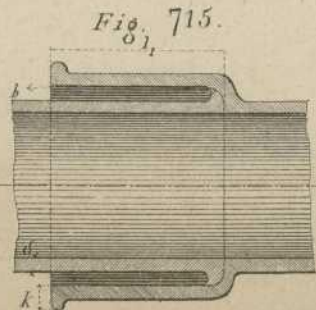
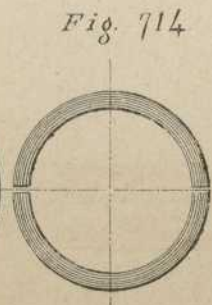
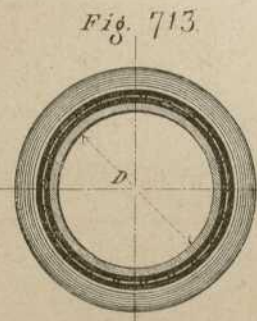
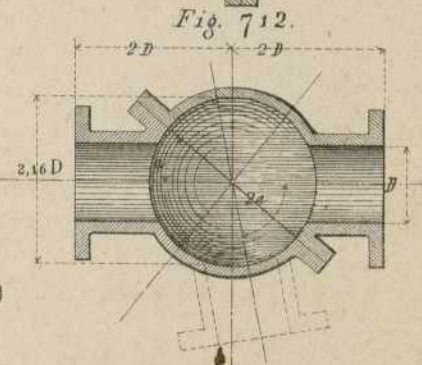
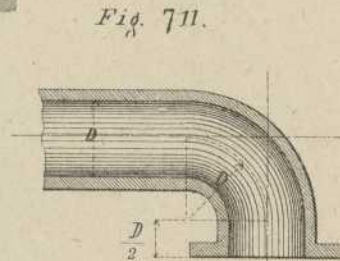
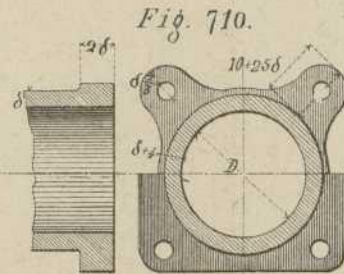
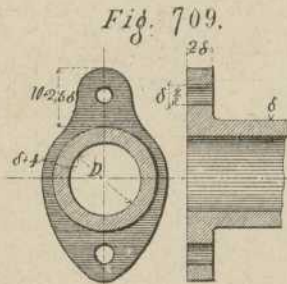
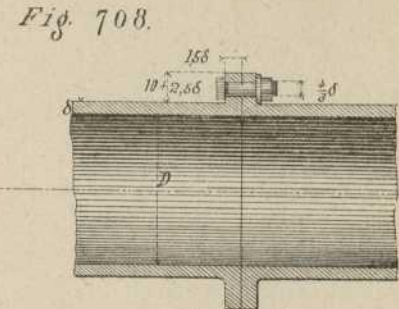
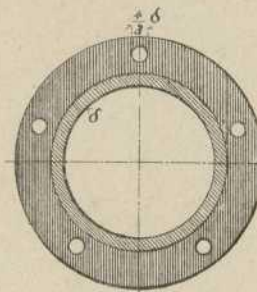
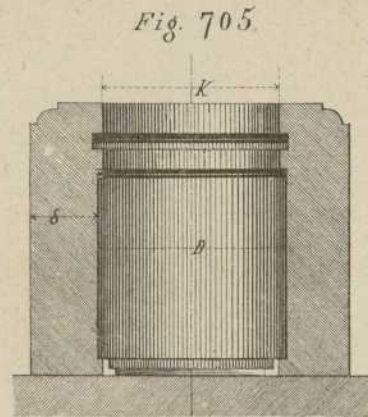
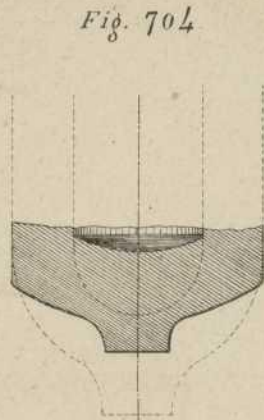
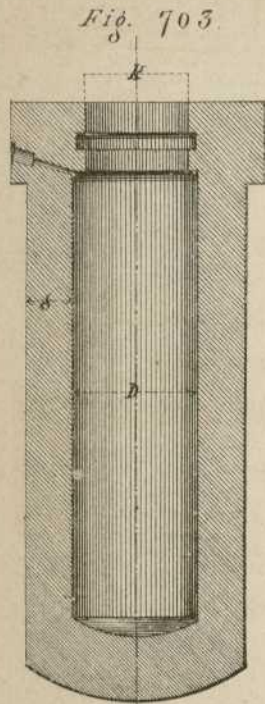
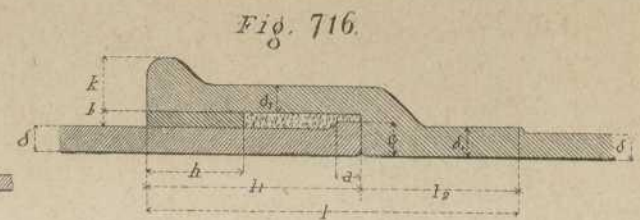
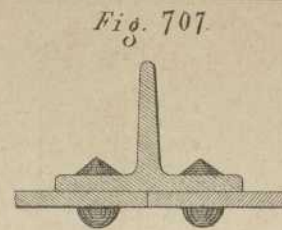
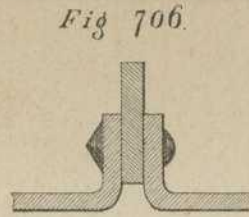
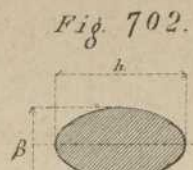
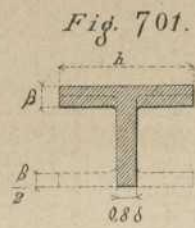
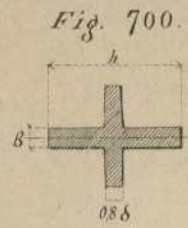


Fig. 727.

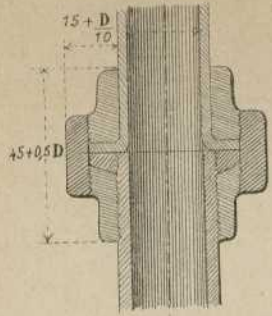


Fig. 724.

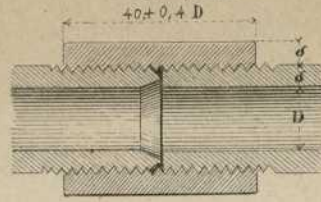


Fig. 728.

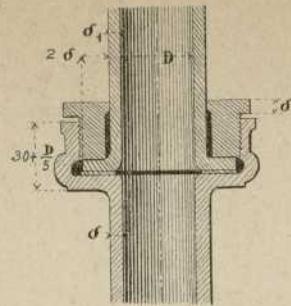


Fig. 719.

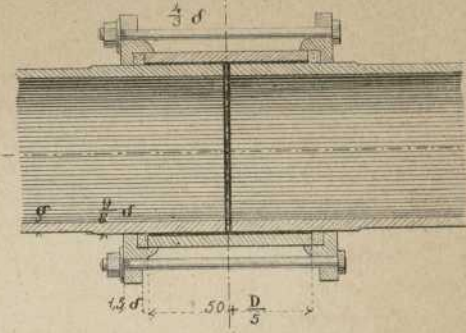


Fig. 723.

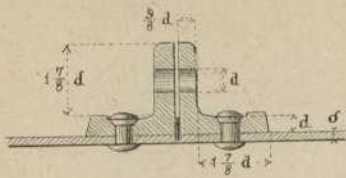


Fig. 722.

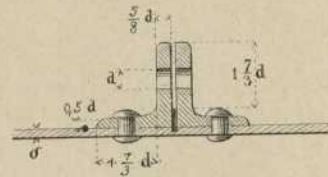


Fig. 725.

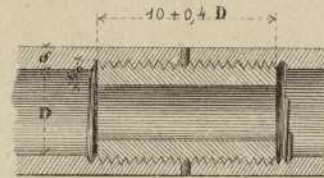


Fig. 721.

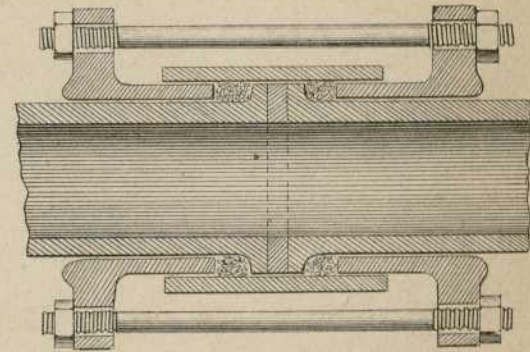


Fig. 750.

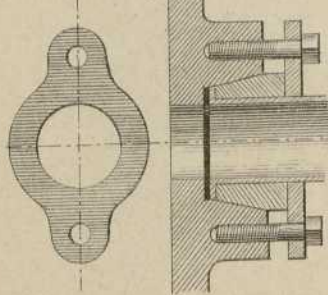


Fig. 731.

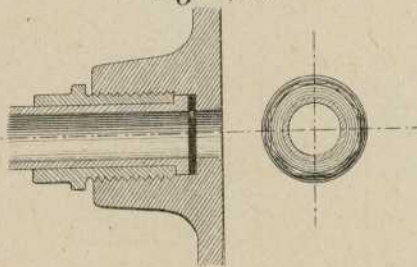


Fig. 729.

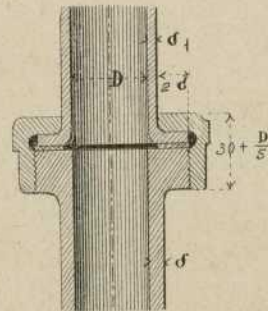


Fig. 732.

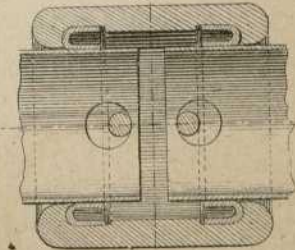


Fig. 726.

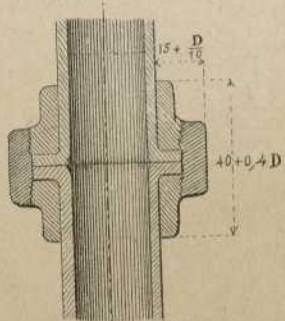


Fig. 720.

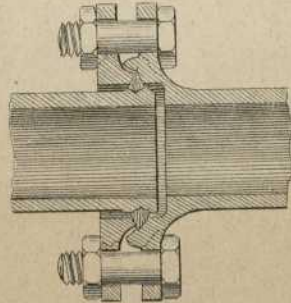


Fig. 718.

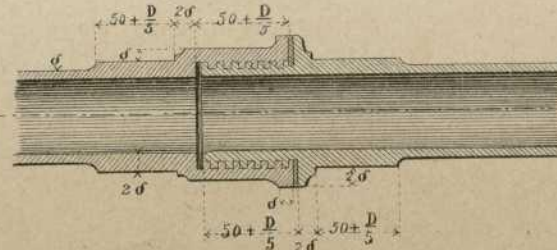


Fig. 733.

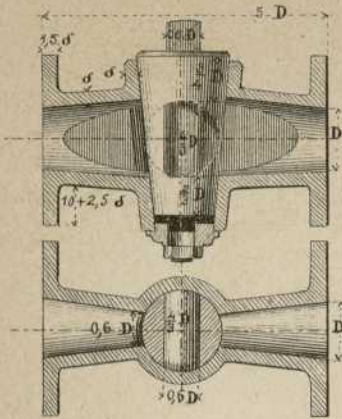


Fig. 734.

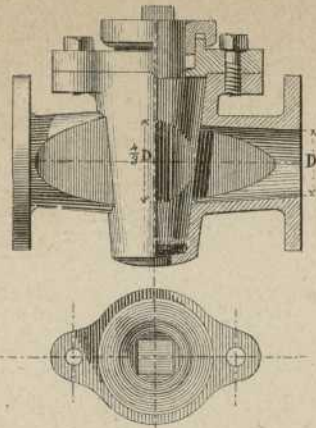


Fig. 735.

Fig. 736.

Fig. 737.

Fig. 738.

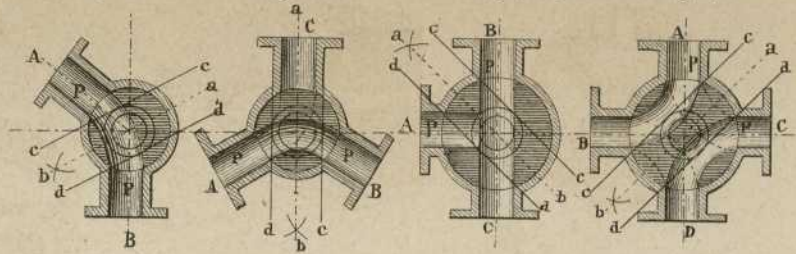


Fig. 741.

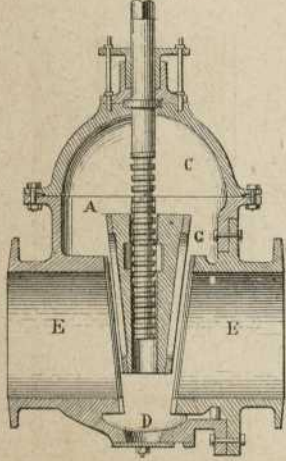


Fig. 745.

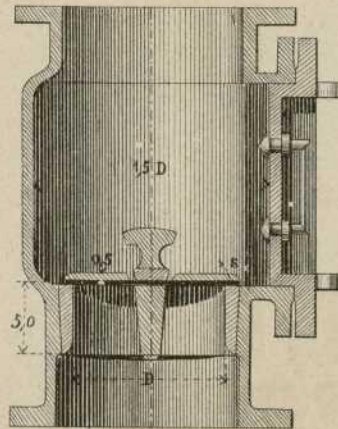


Fig. 742.

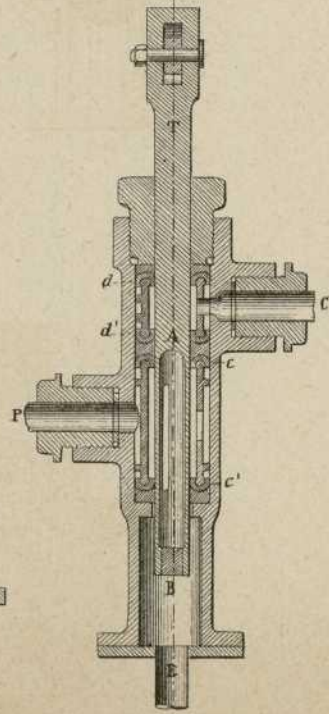


Fig. 740.

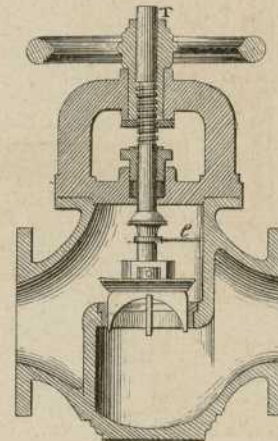


Fig. 739.

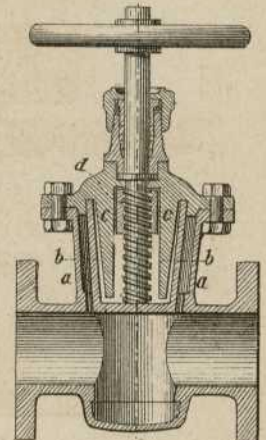


Fig. 743.

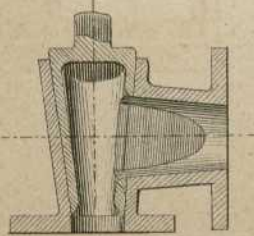


Fig. 744.

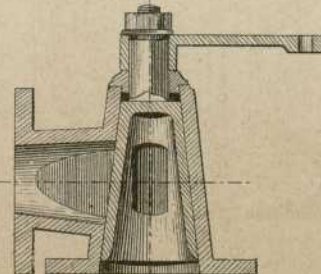
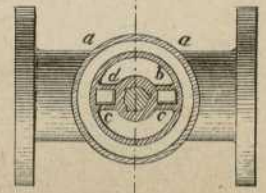
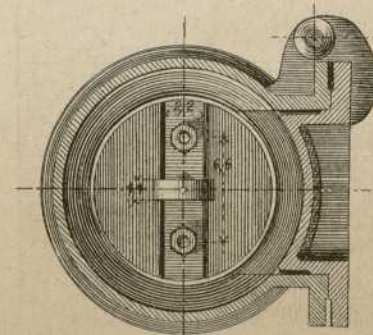


Fig. 746.



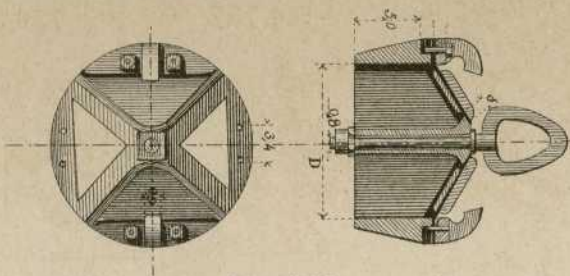


Fig. 747.

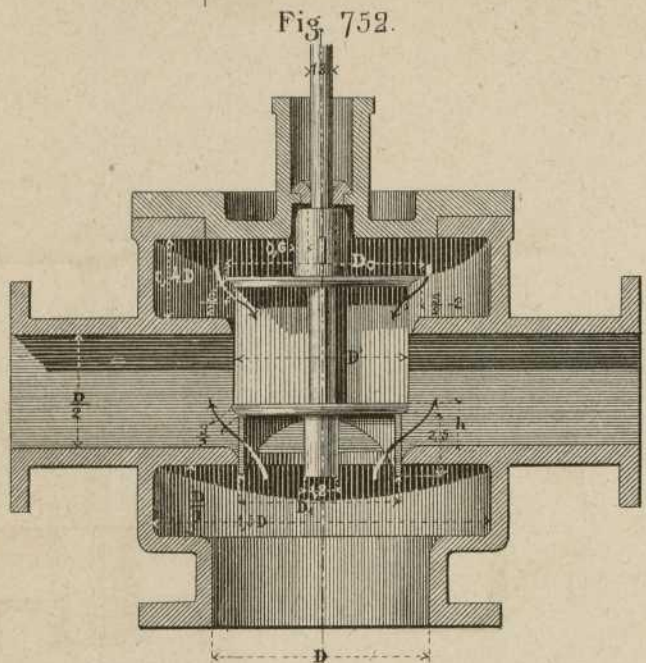


Fig. 752.

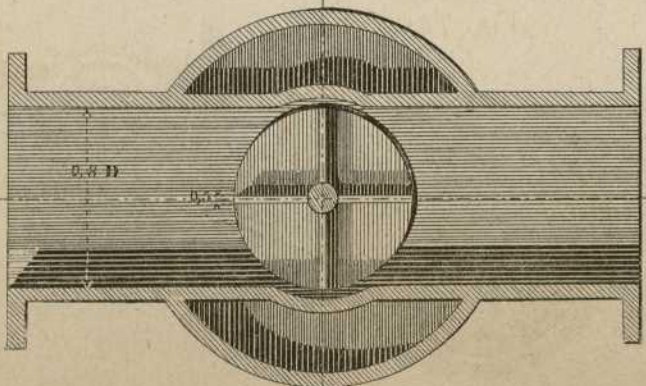


Fig. 751.

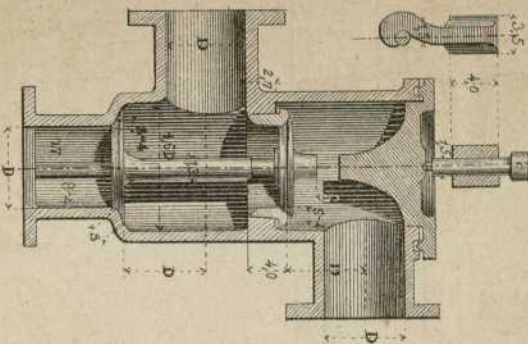
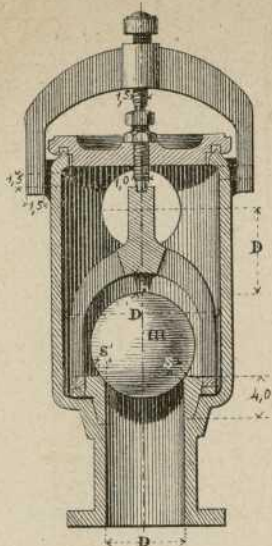


Fig. 750

Fig. 748.

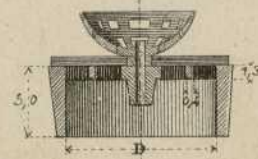


Fig. 753.

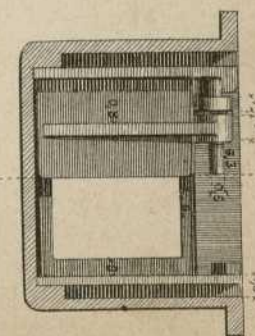
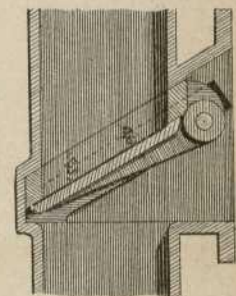
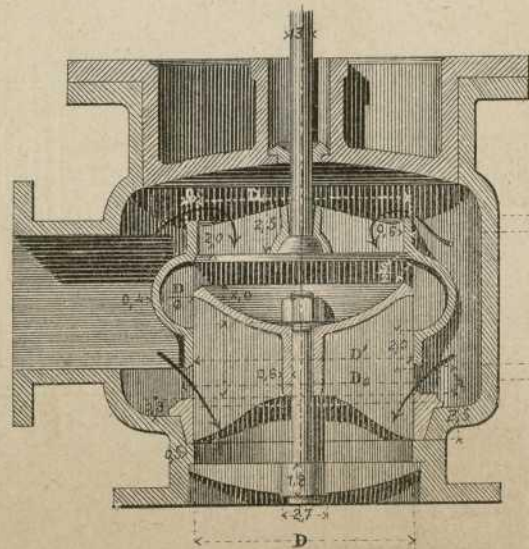


Fig. 749.

A

Fig. 754.

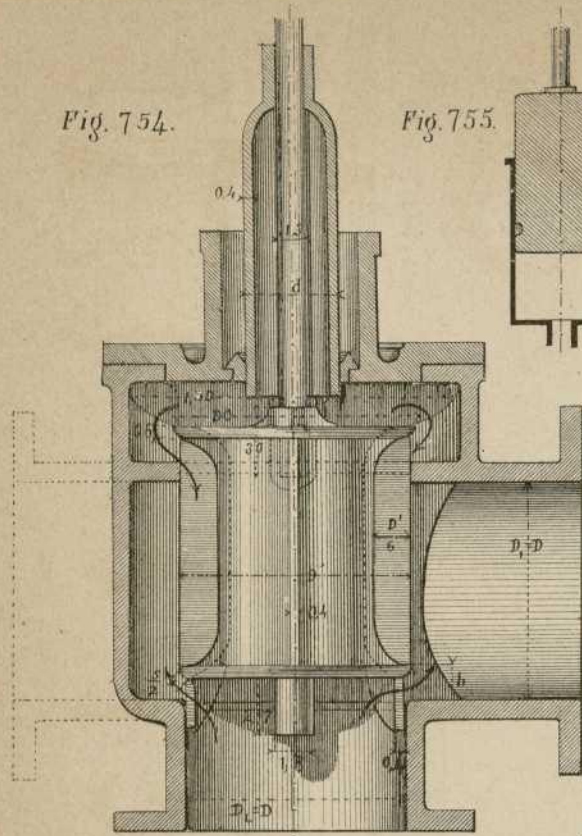


Fig. 755.

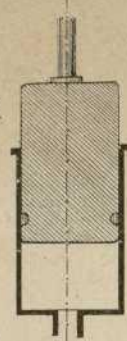


Fig. 756.

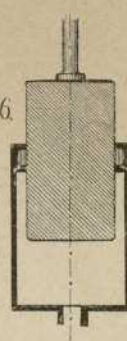


Fig. 757.

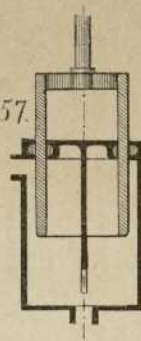


Fig. 758.

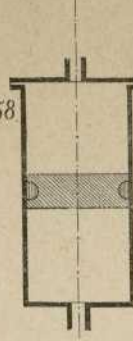


Fig. 759.

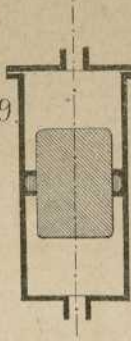


Fig. 760.

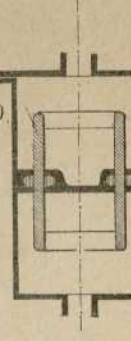


Fig. 761.

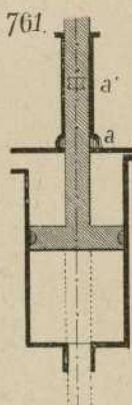


Fig. 762.

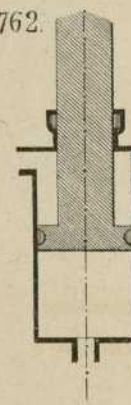


Fig. 763.

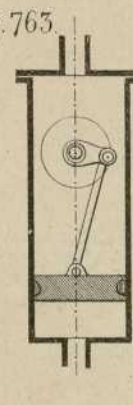


Fig. 764.

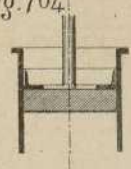


Fig. 765.

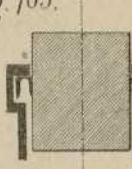


Fig. 776.

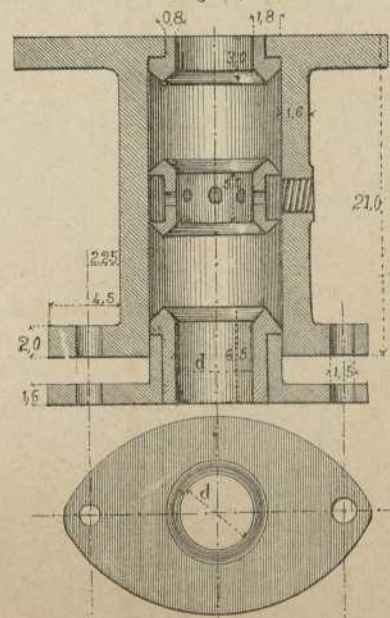


Fig. 768.

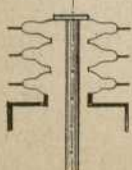


Fig. 770.



Fig. 772.

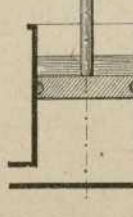


Fig. 774.

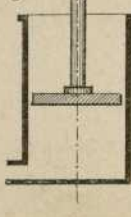


Fig. 767.

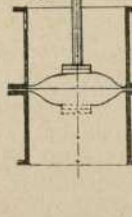


Fig. 769.

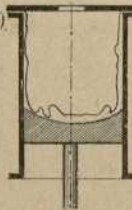


Fig. 771.

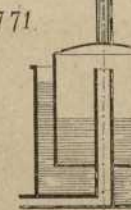


Fig. 773.

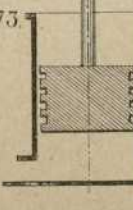


Fig. 775.

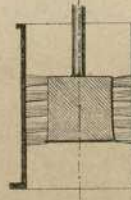


Fig. 766.

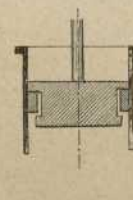


Fig. 777.

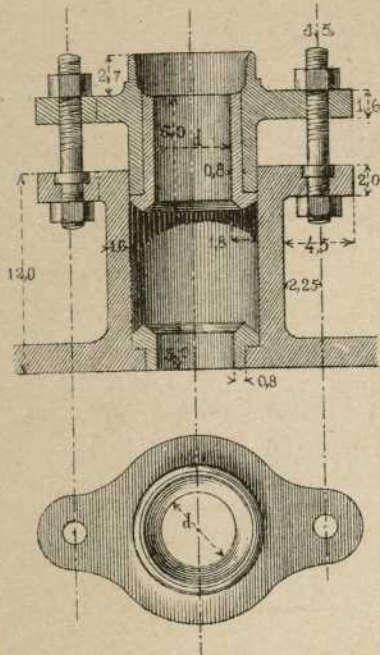


Fig. 781

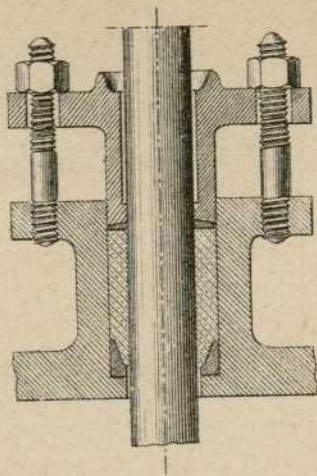


Fig. 780

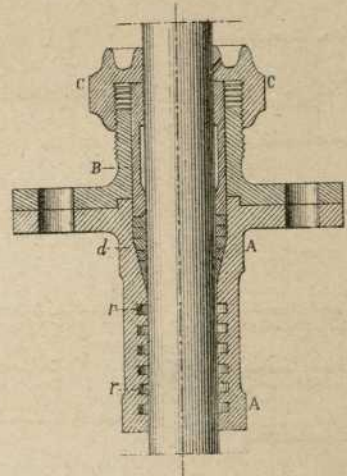


Fig. 785.

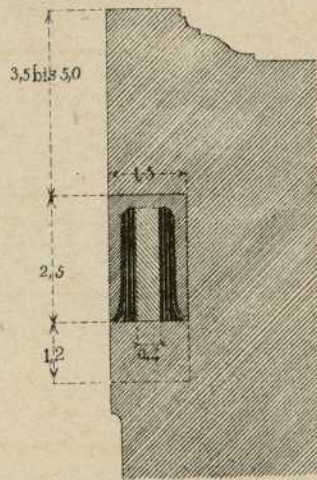


Fig. 782

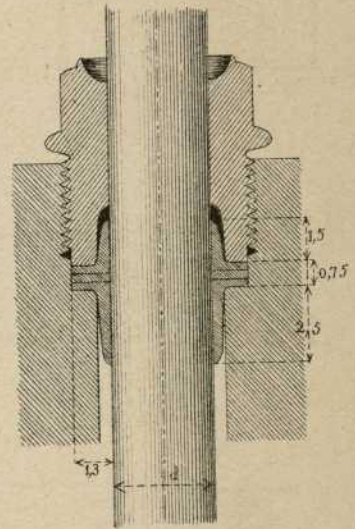


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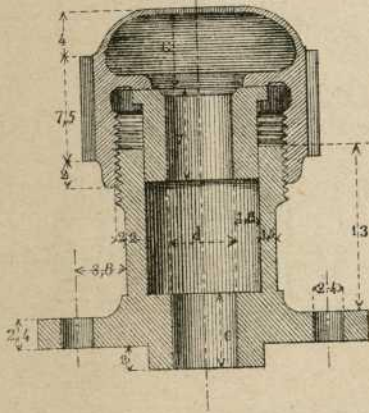


Fig. 778.

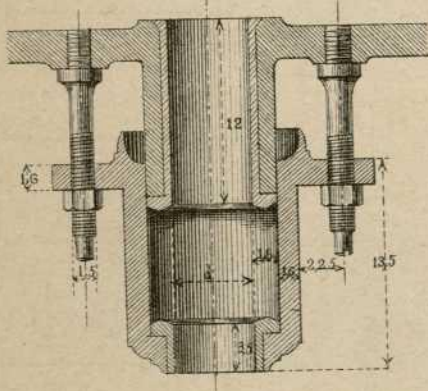
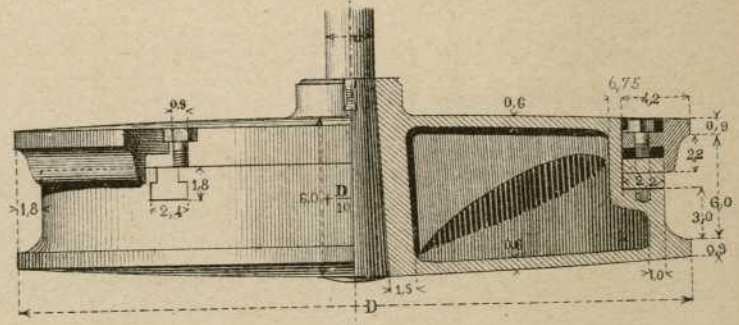


Fig. 784



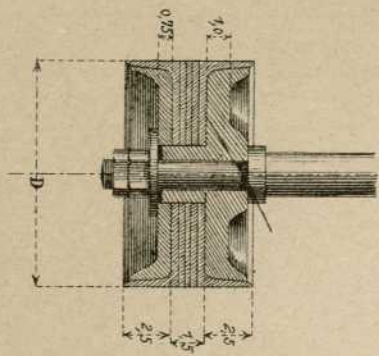


Fig. 794.

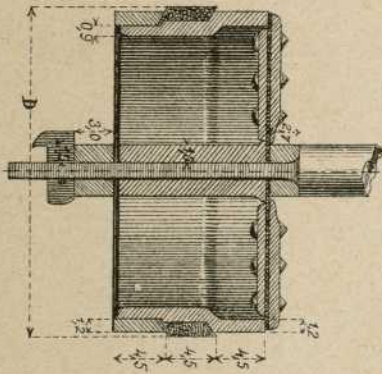


Fig. 795.

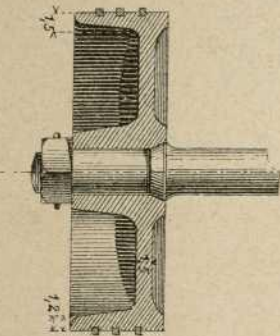


Fig. 790.

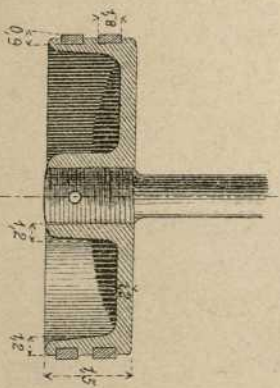


Fig. 791.

Fig. 785

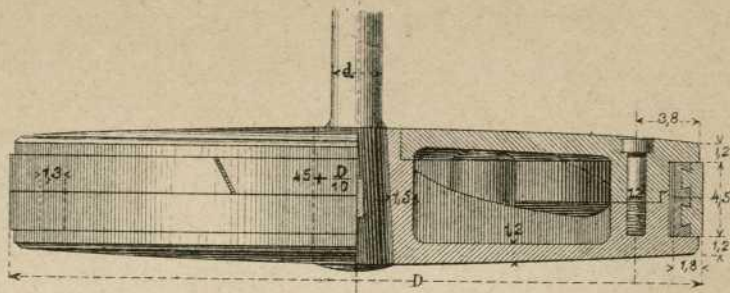


Fig. 786.

Fig. 787.

Fig. 788.

Fig. 789.

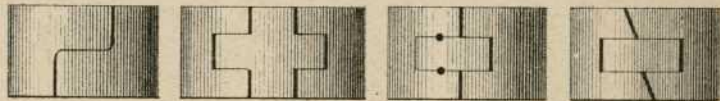


Fig. 792.

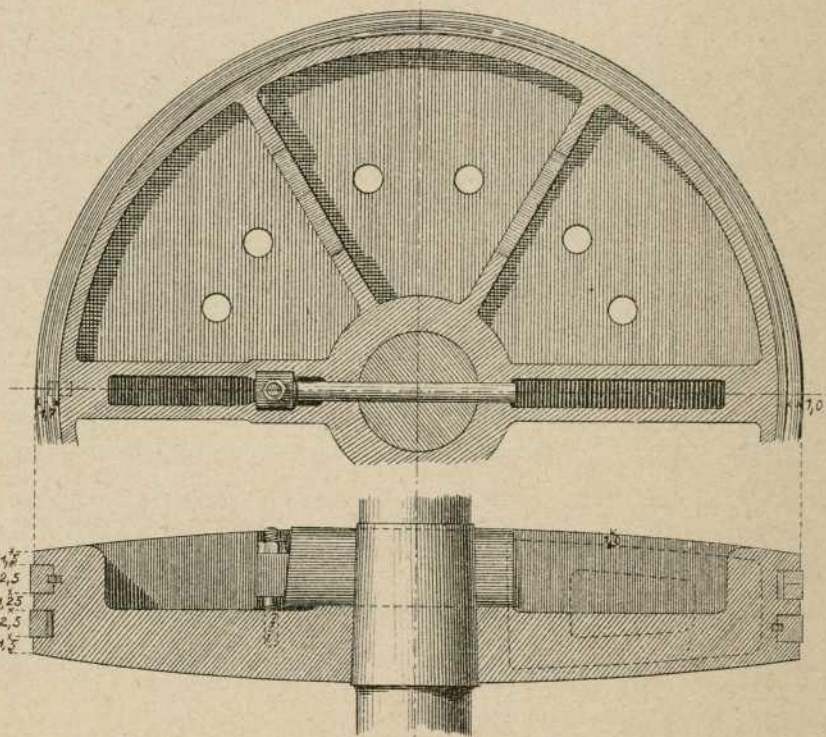
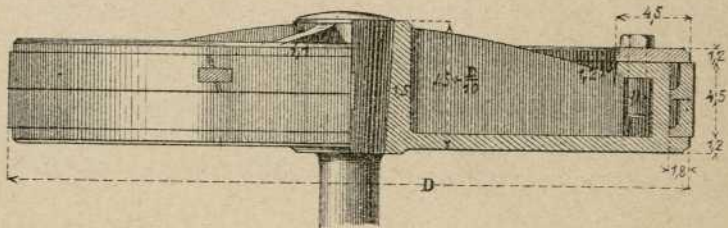
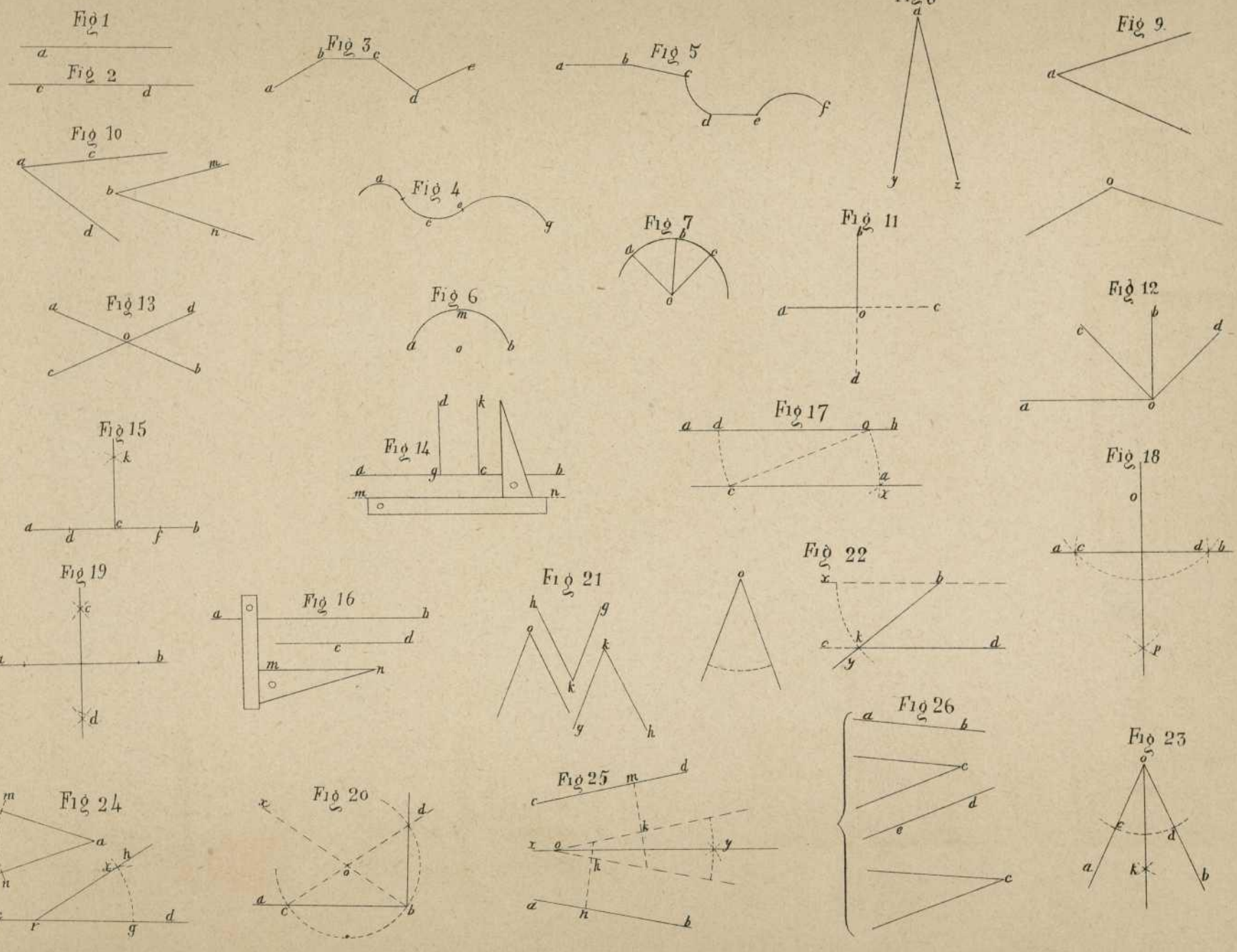
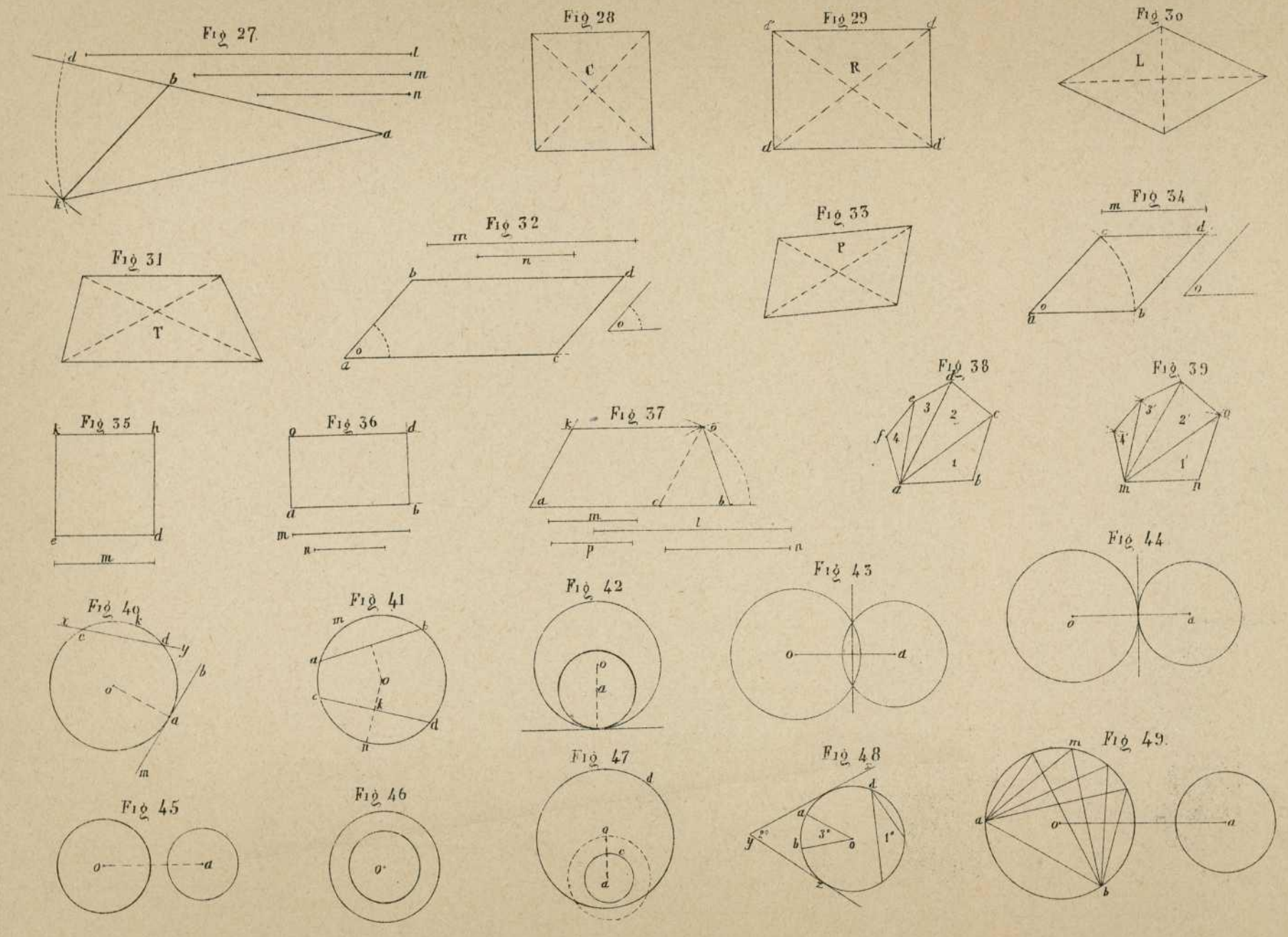
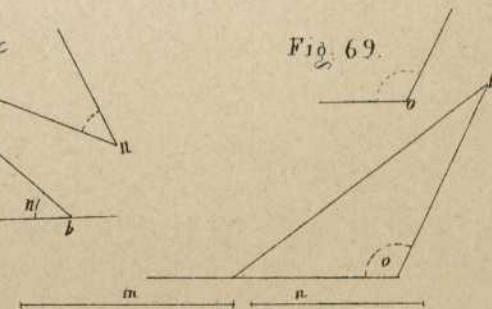
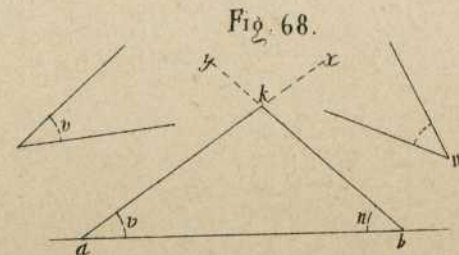
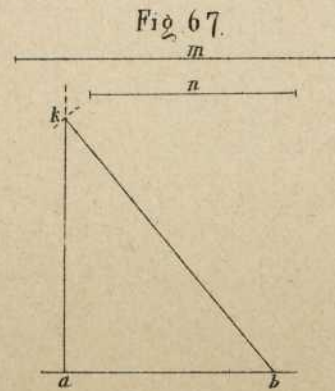
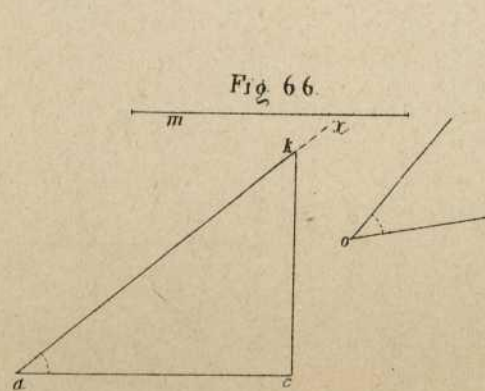
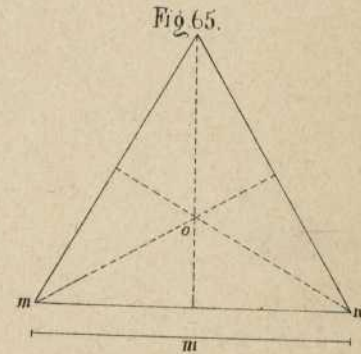
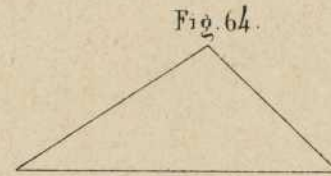
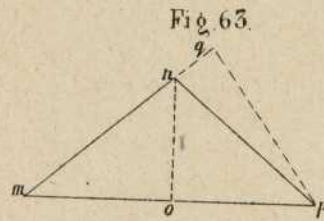
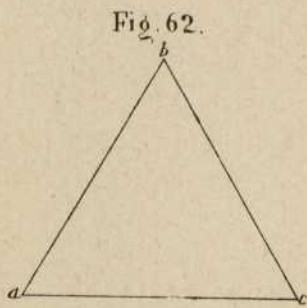
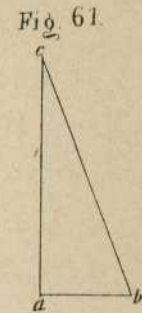
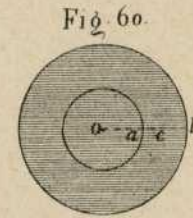
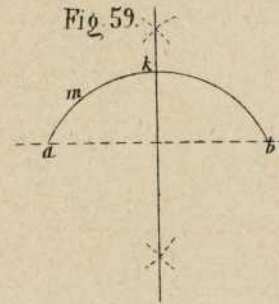
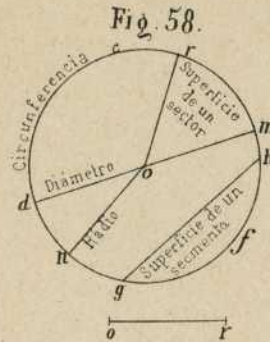
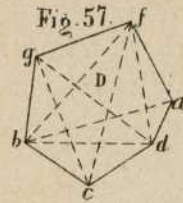
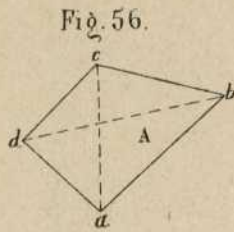
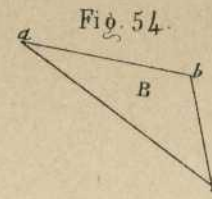
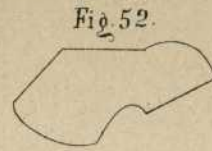
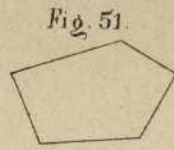
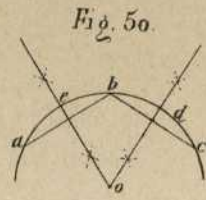


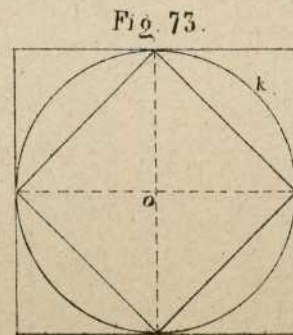
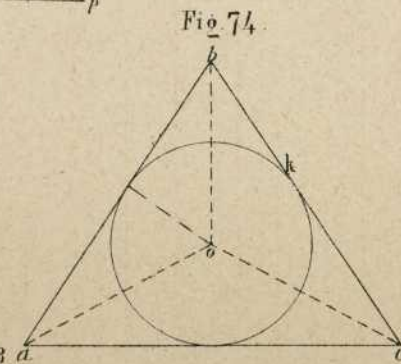
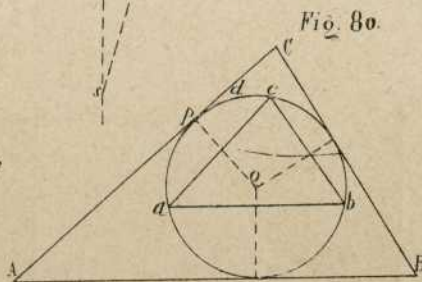
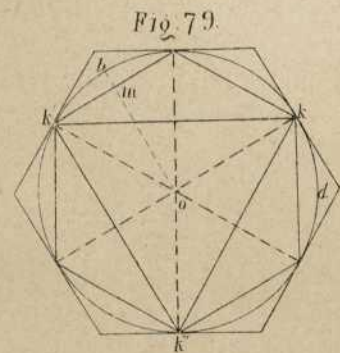
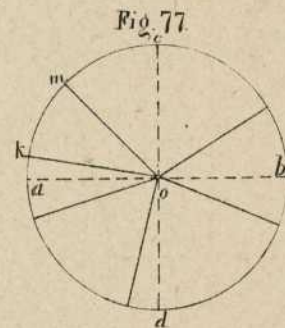
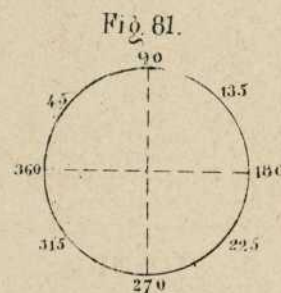
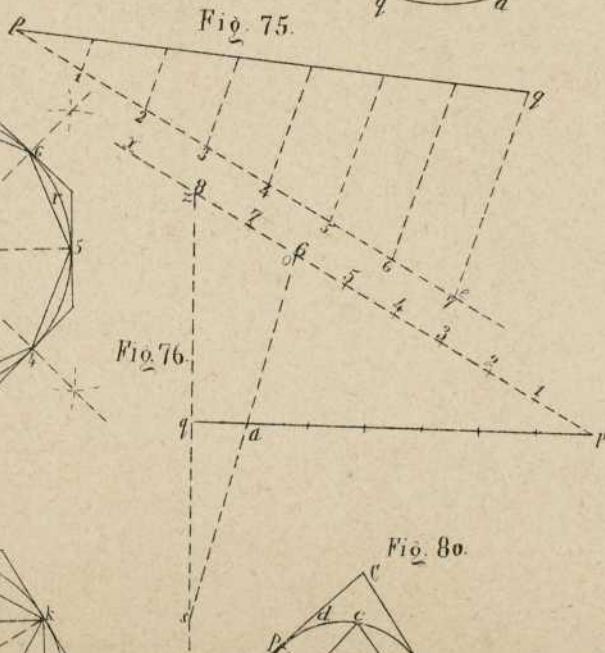
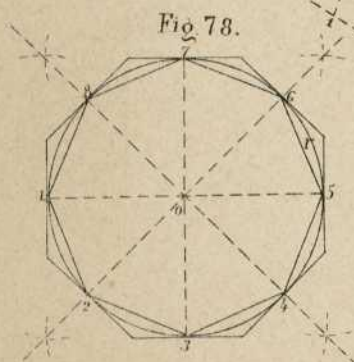
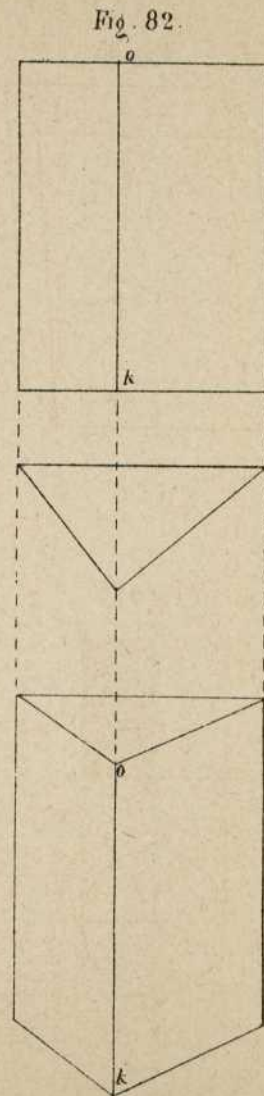
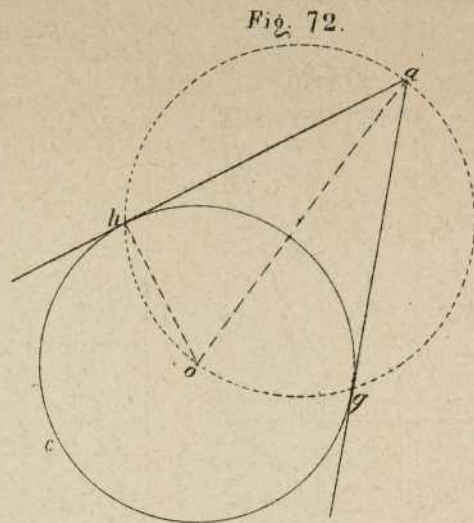
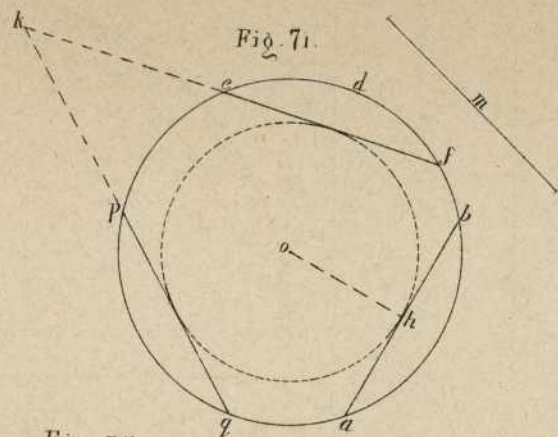
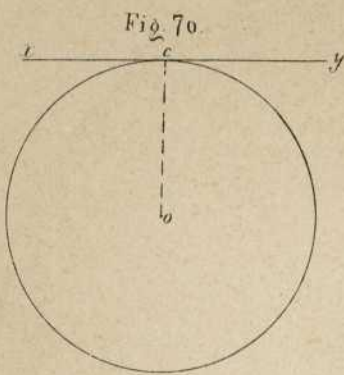
Fig. 793

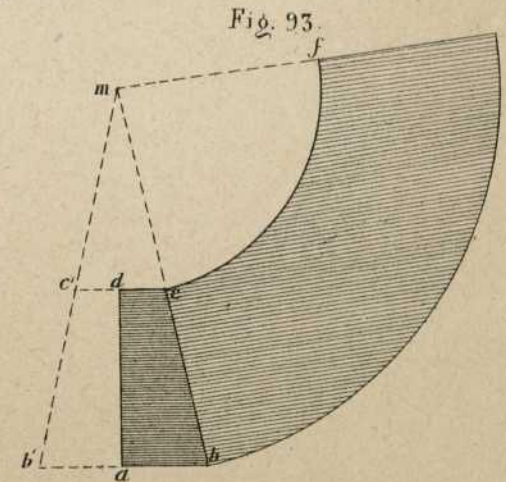
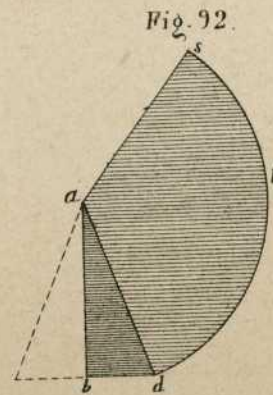
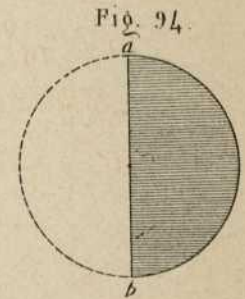
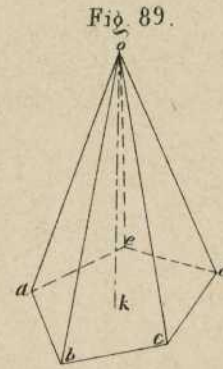
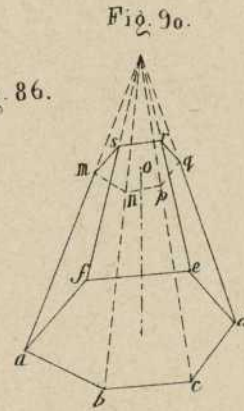
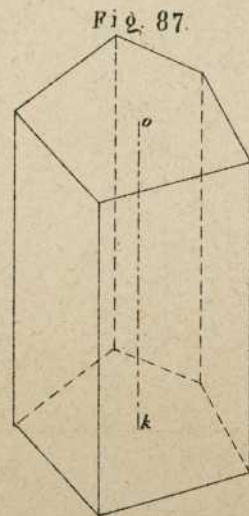
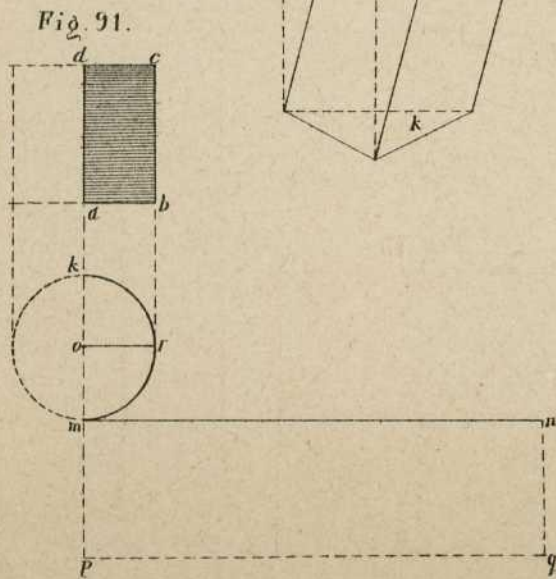
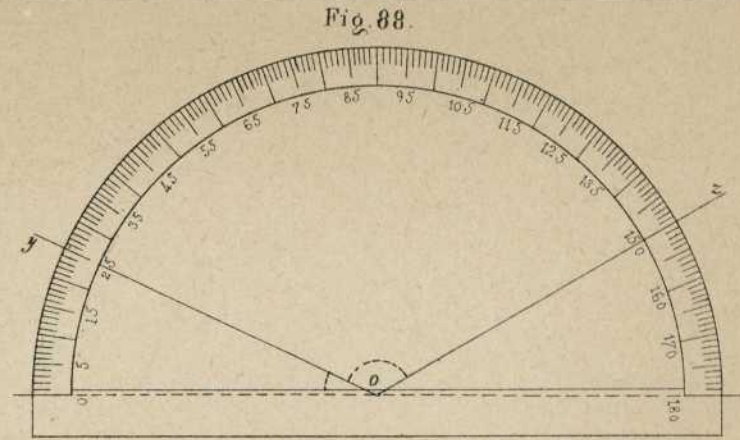
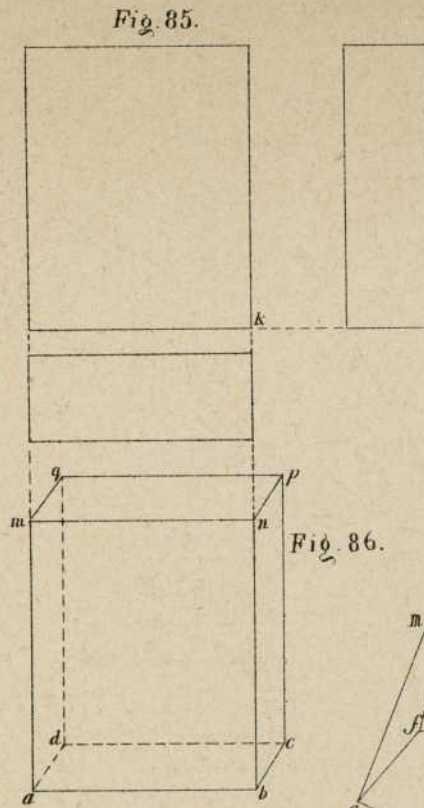
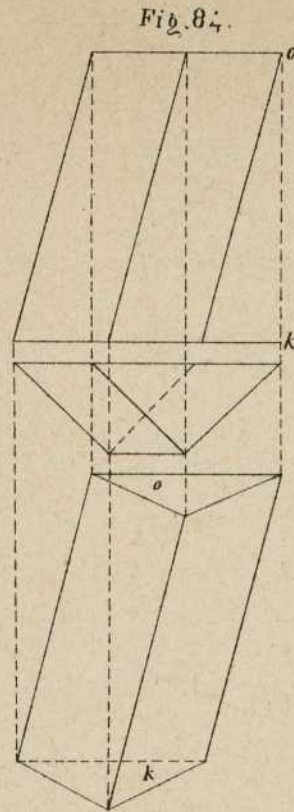
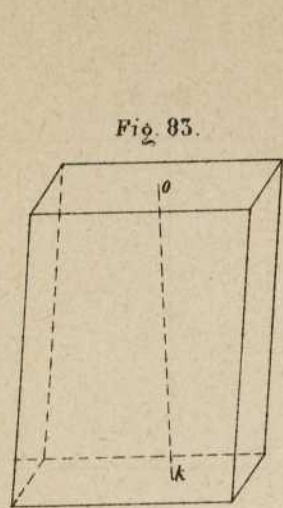


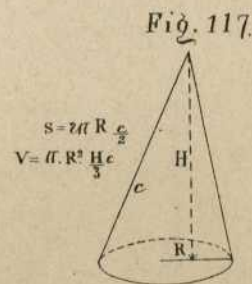
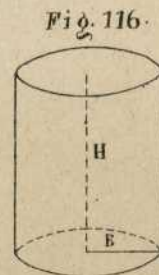
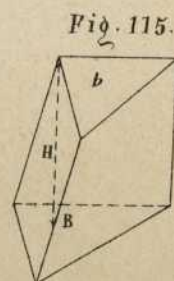
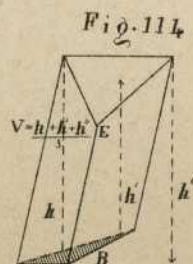
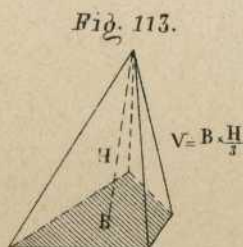
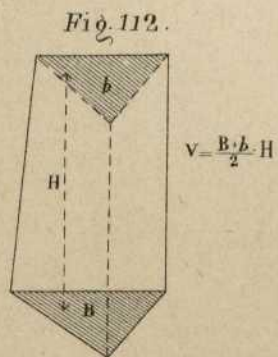
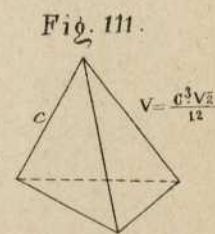
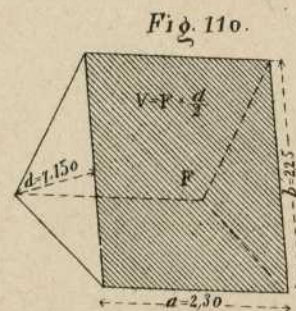
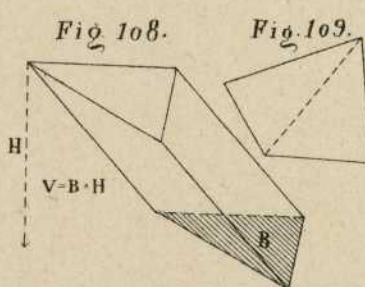
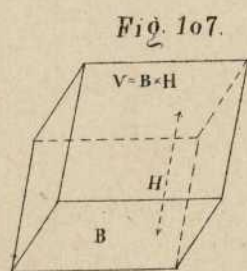
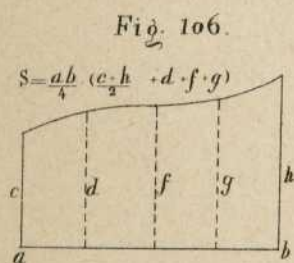
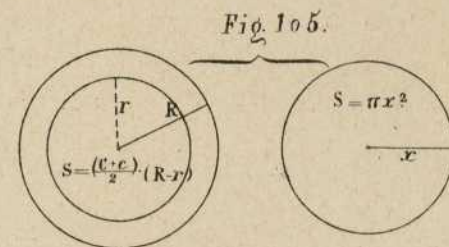
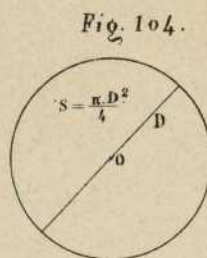
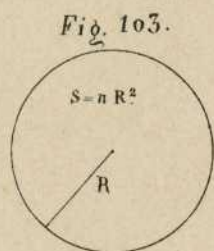
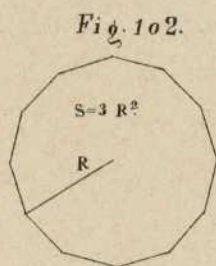
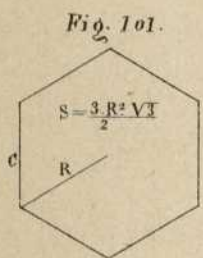
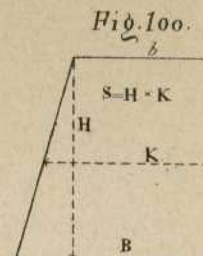
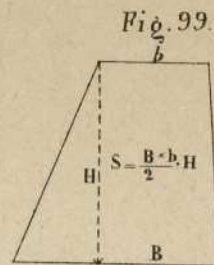
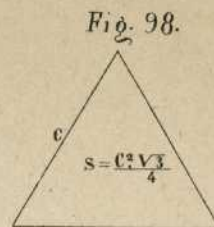
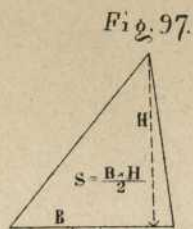
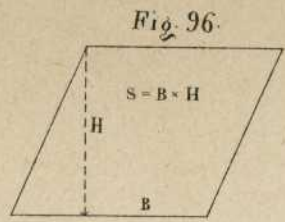
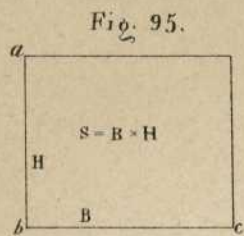












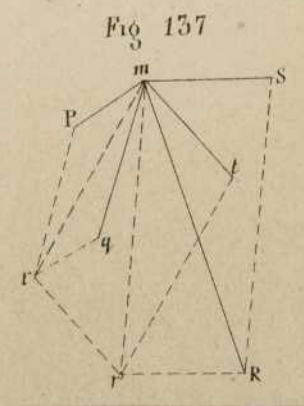
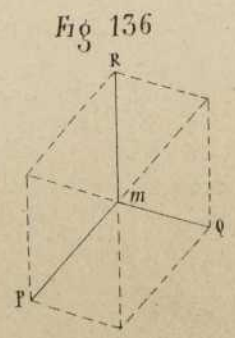
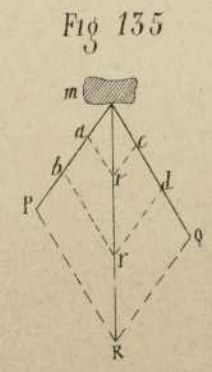
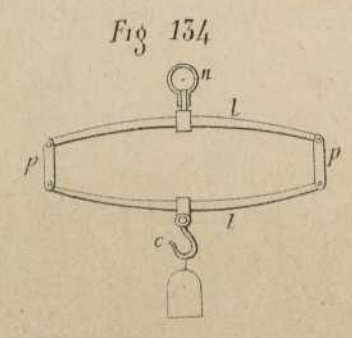
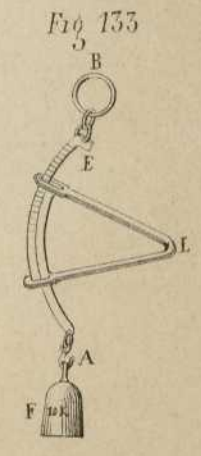
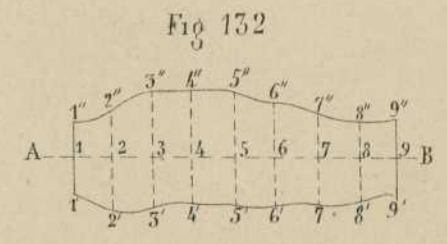
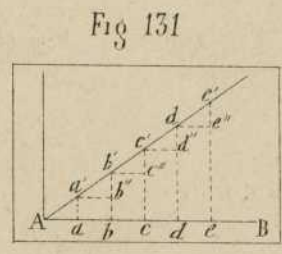
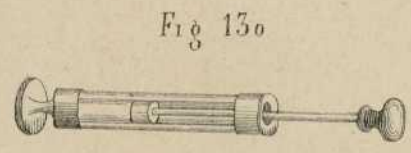
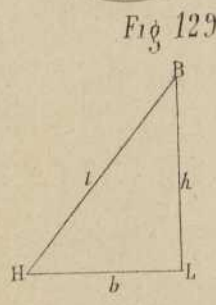
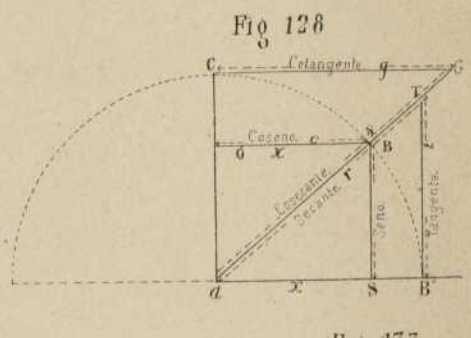
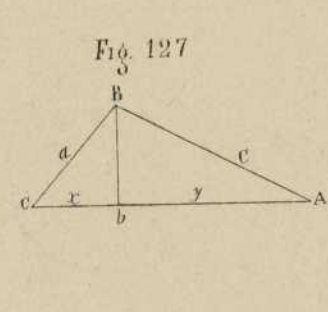
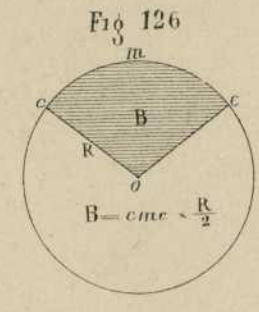
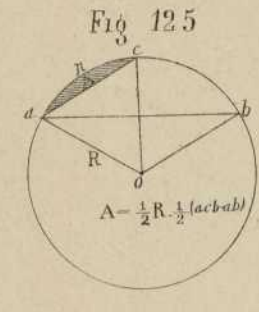
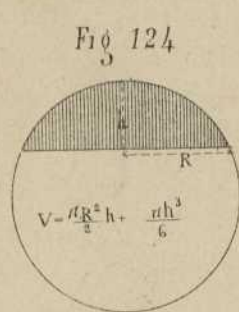
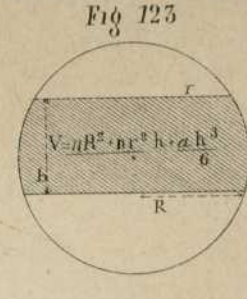
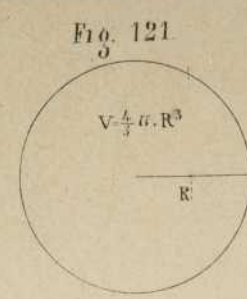
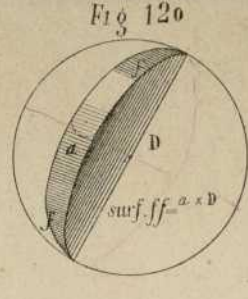
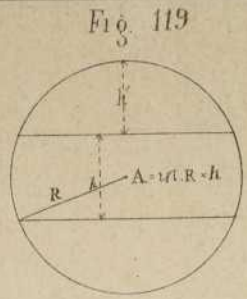
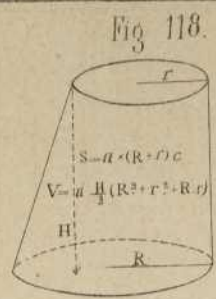


Fig. 138.

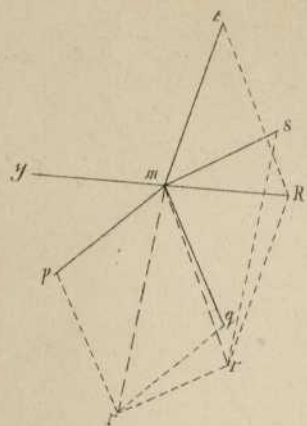


Fig. 139.

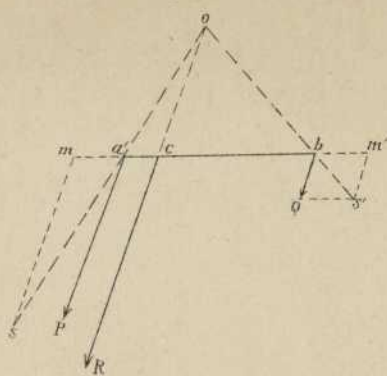


Fig. 140.

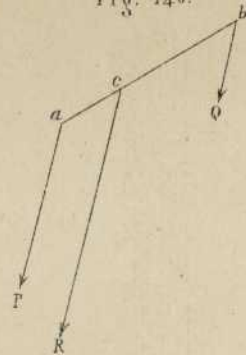


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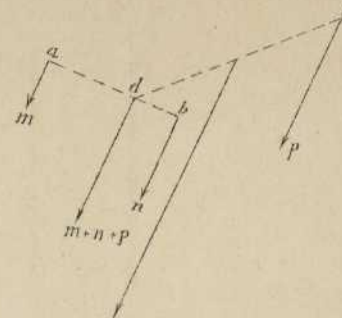


Fig. 142.



Fig. 143.

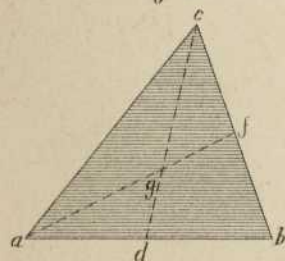


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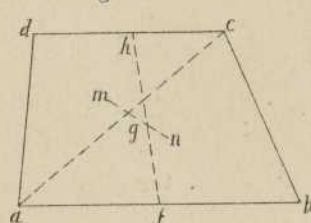


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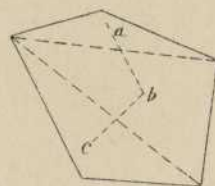


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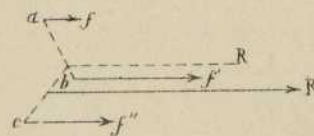


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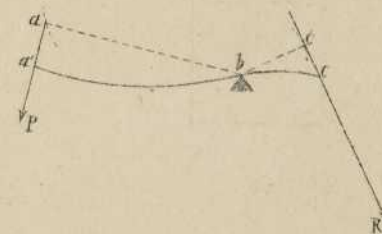


Fig. 148.



Fig. 149.



Fig. 150.

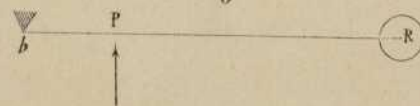


Fig. 151.



Fig. 152.

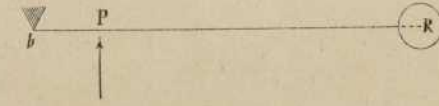


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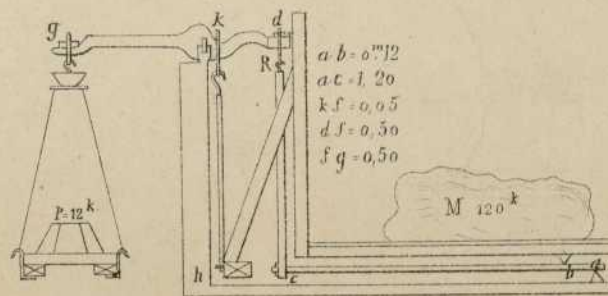


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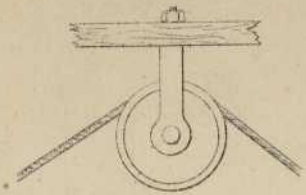


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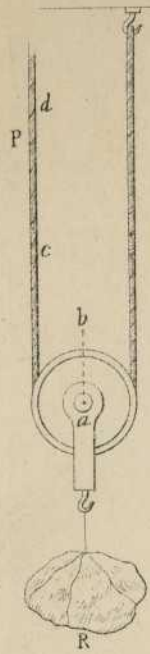


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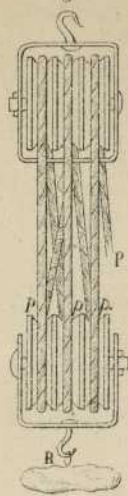


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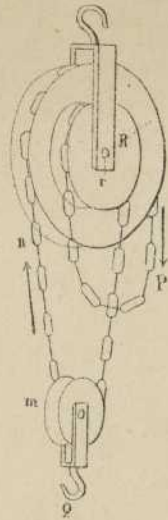


Fig. 158.

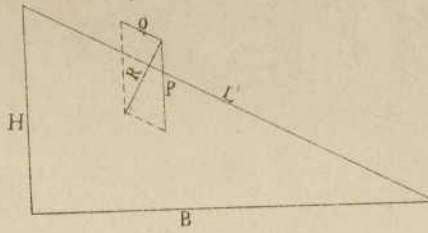


Fig. 159.

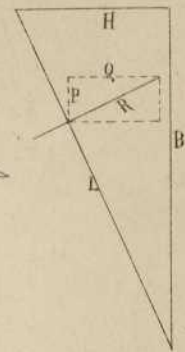


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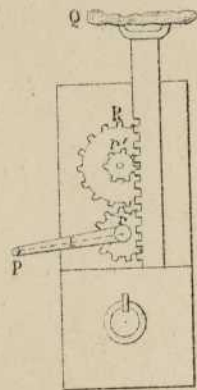


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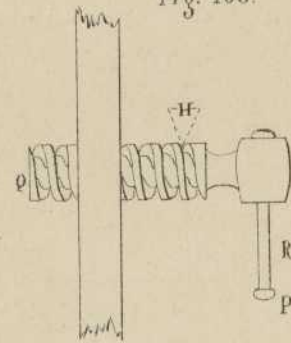


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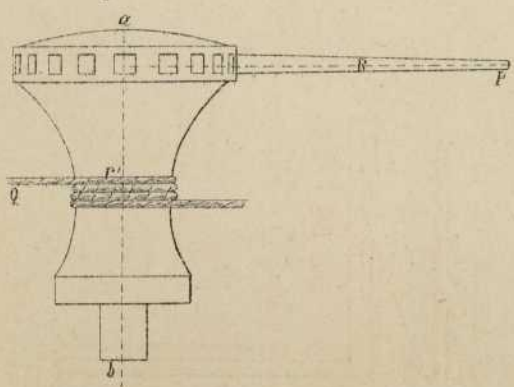


Fig. 161.

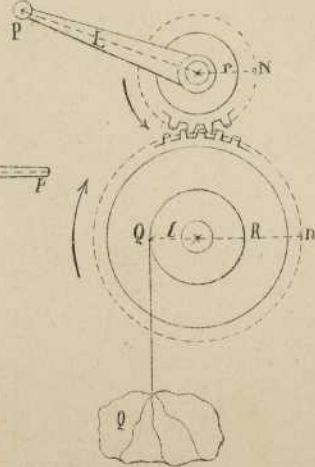


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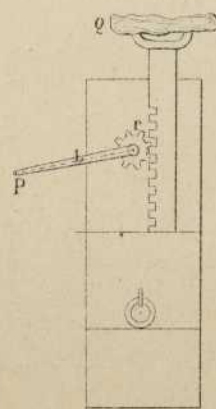


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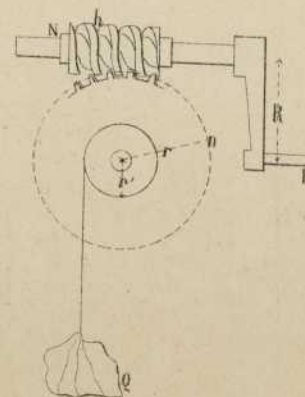


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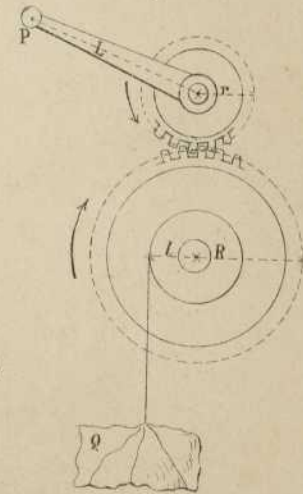


Fig. 170.

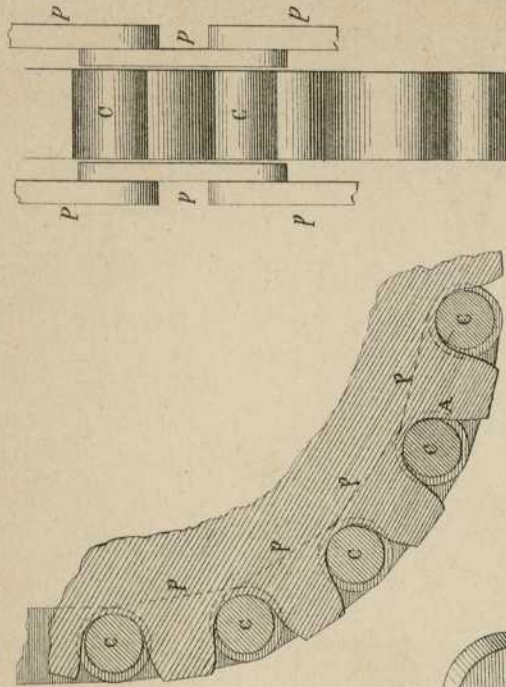


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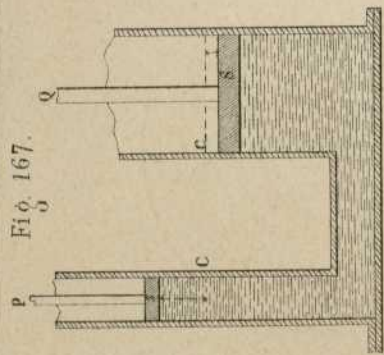


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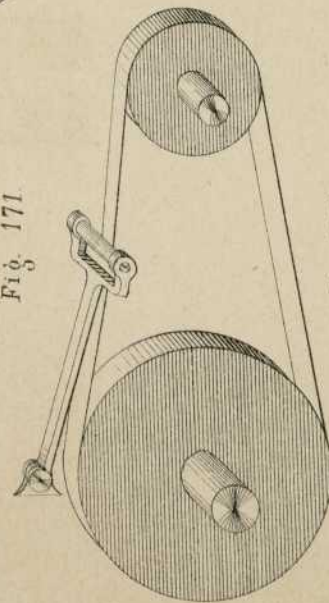


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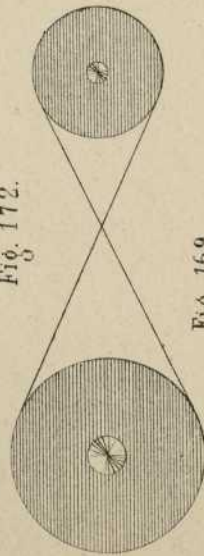


Fig. 168.

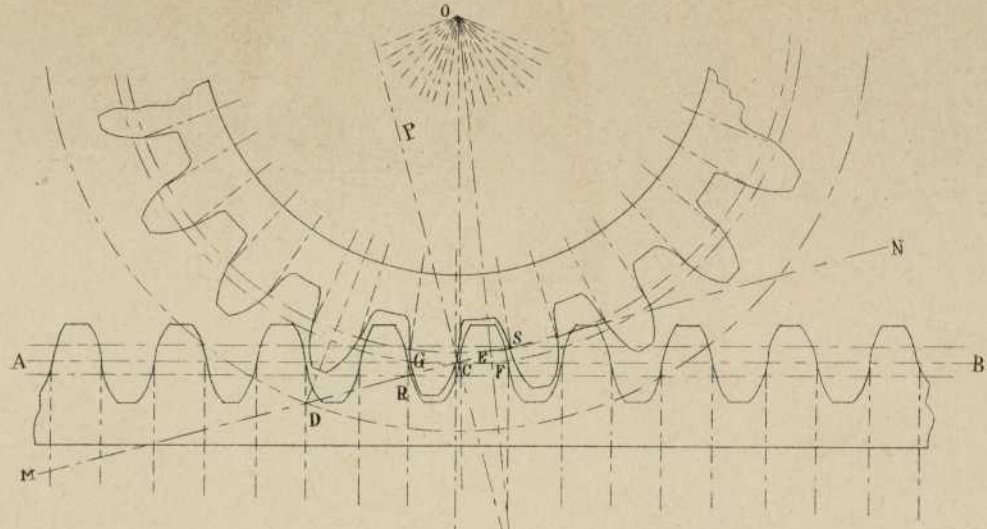


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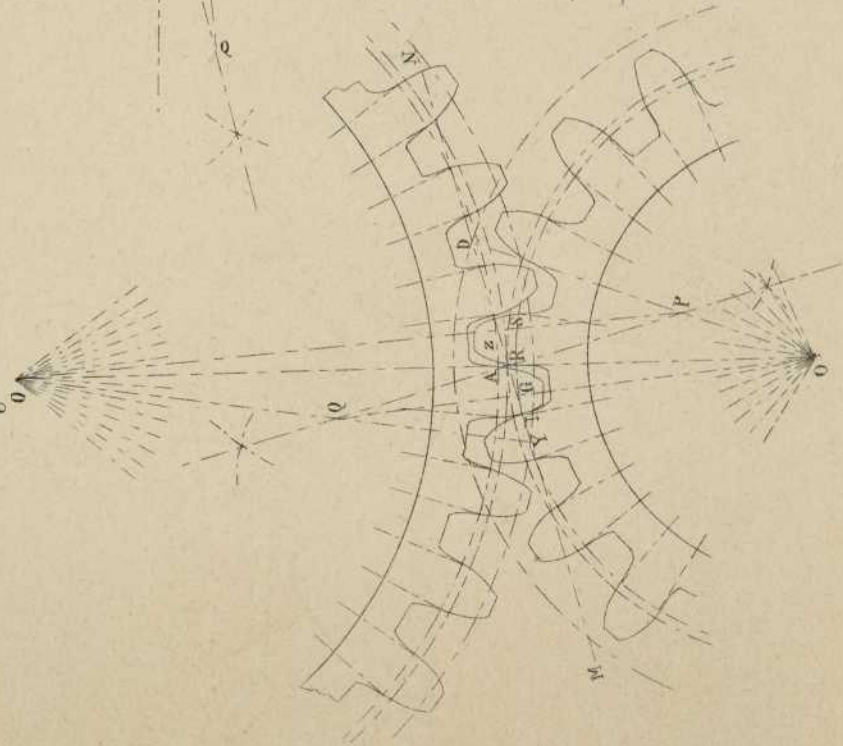


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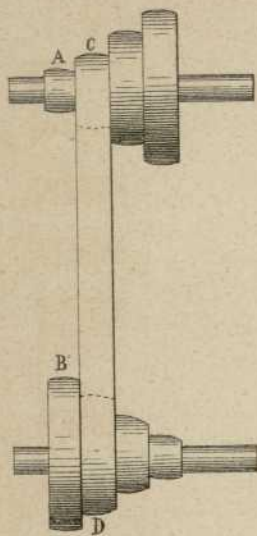


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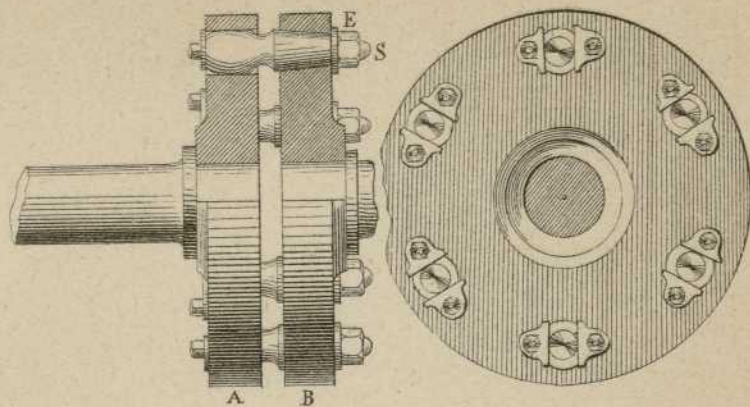


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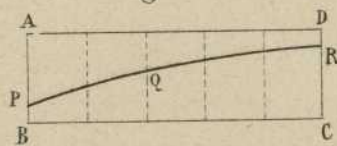


Fig. 175.

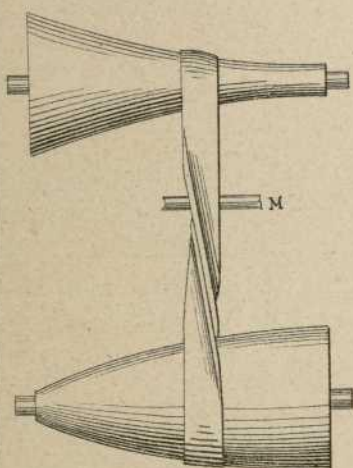


Fig. 177.

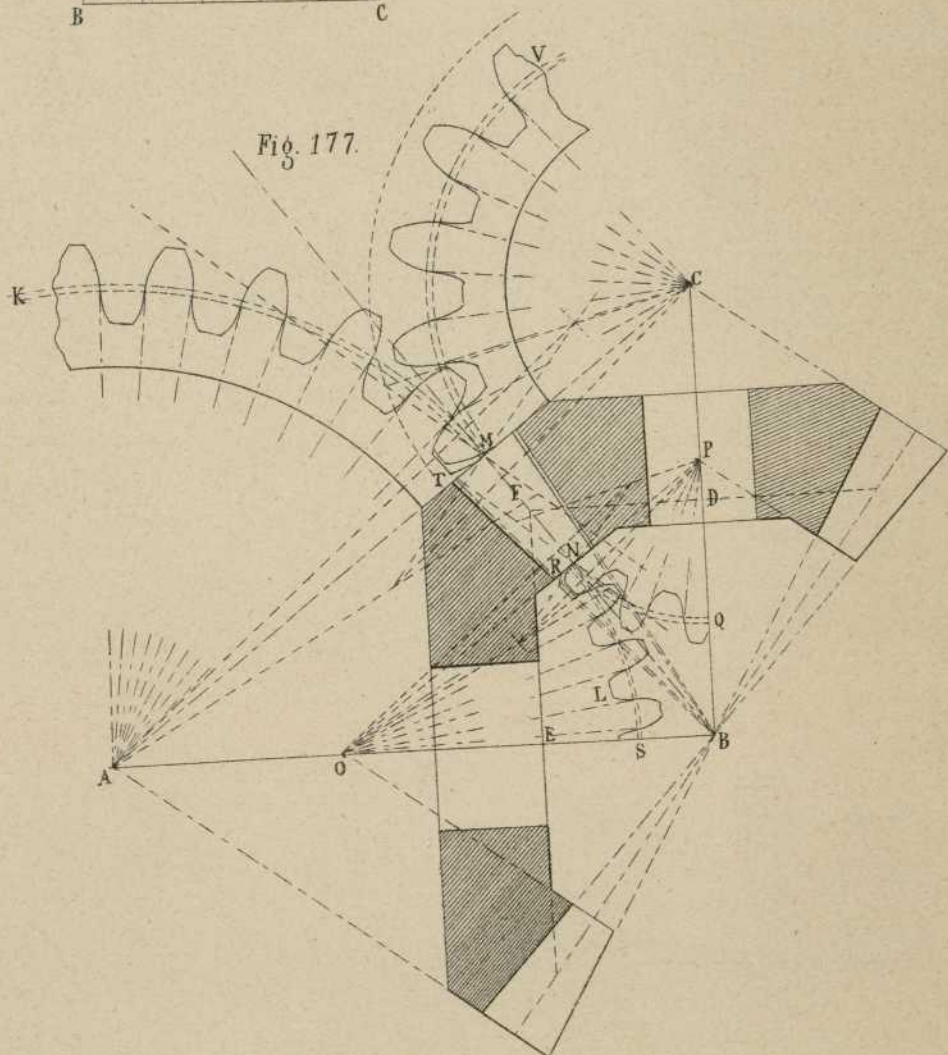


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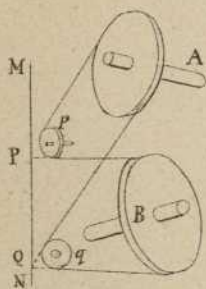


Fig. 180.

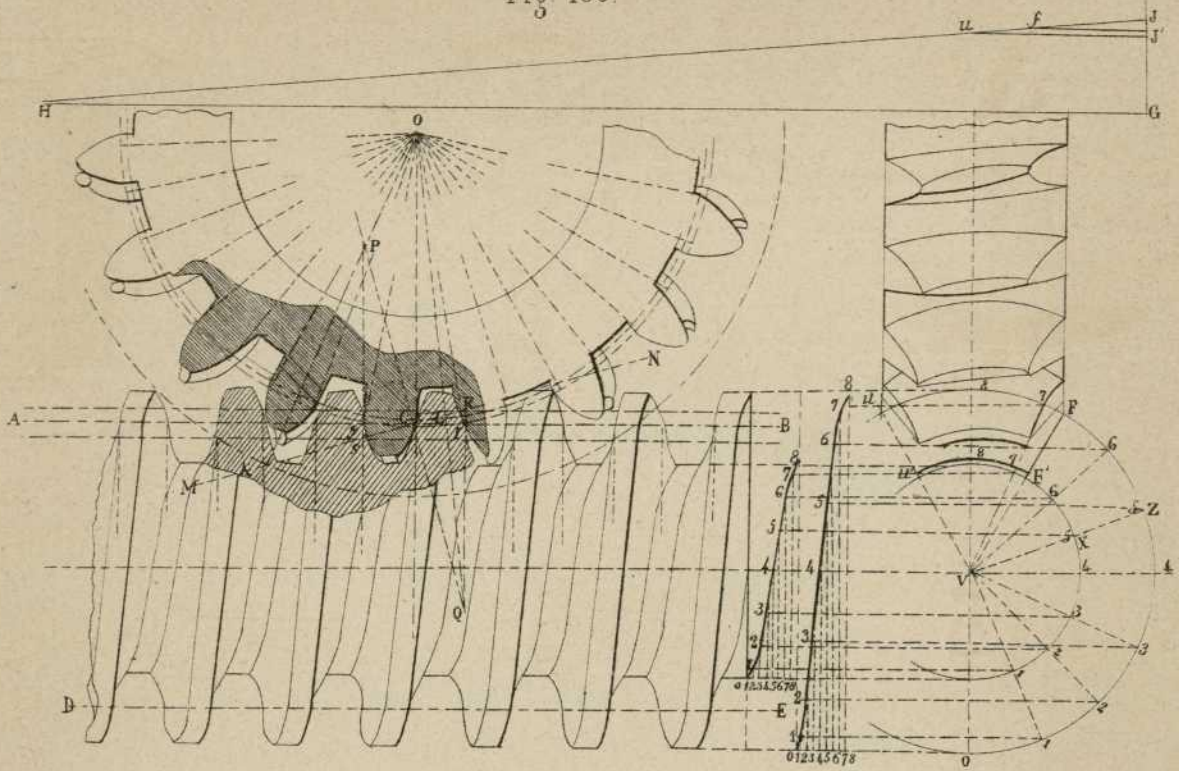


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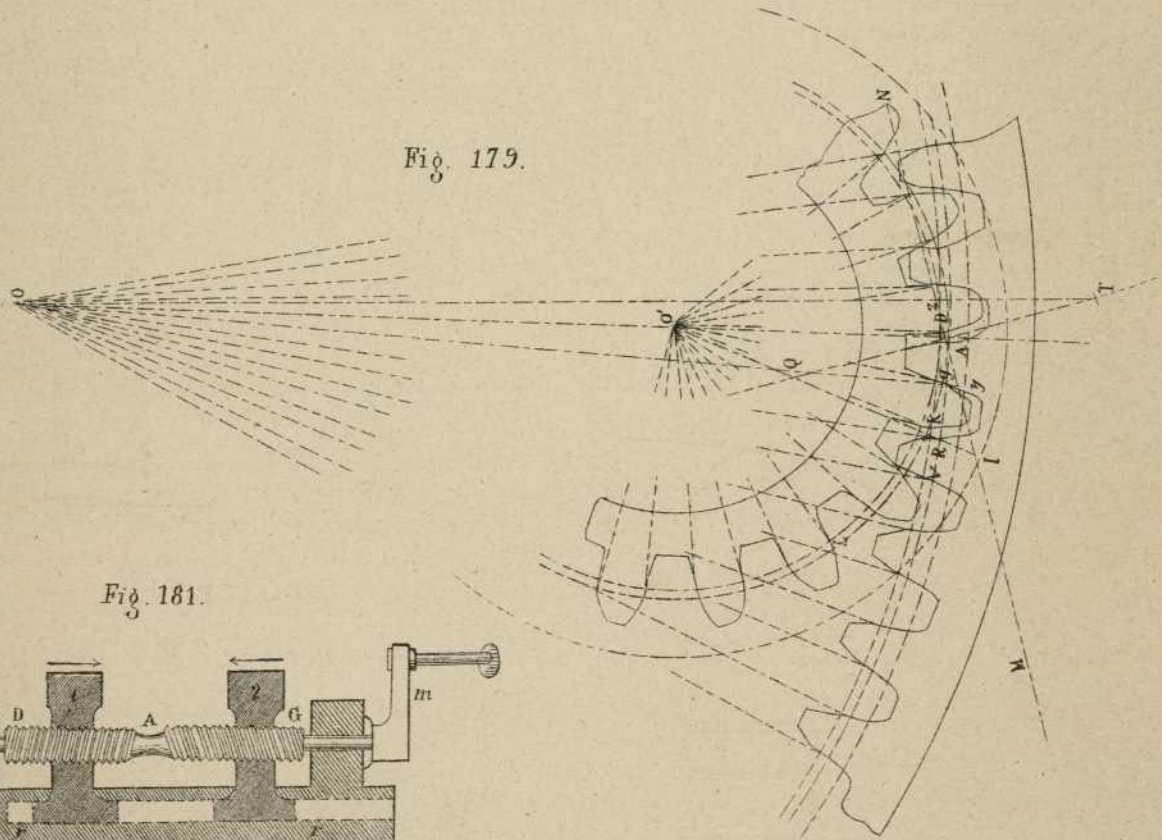
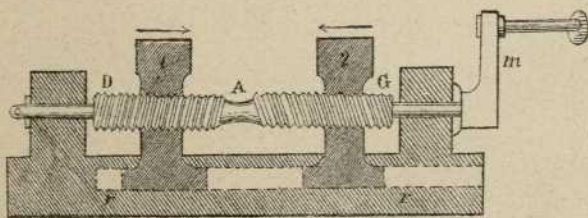
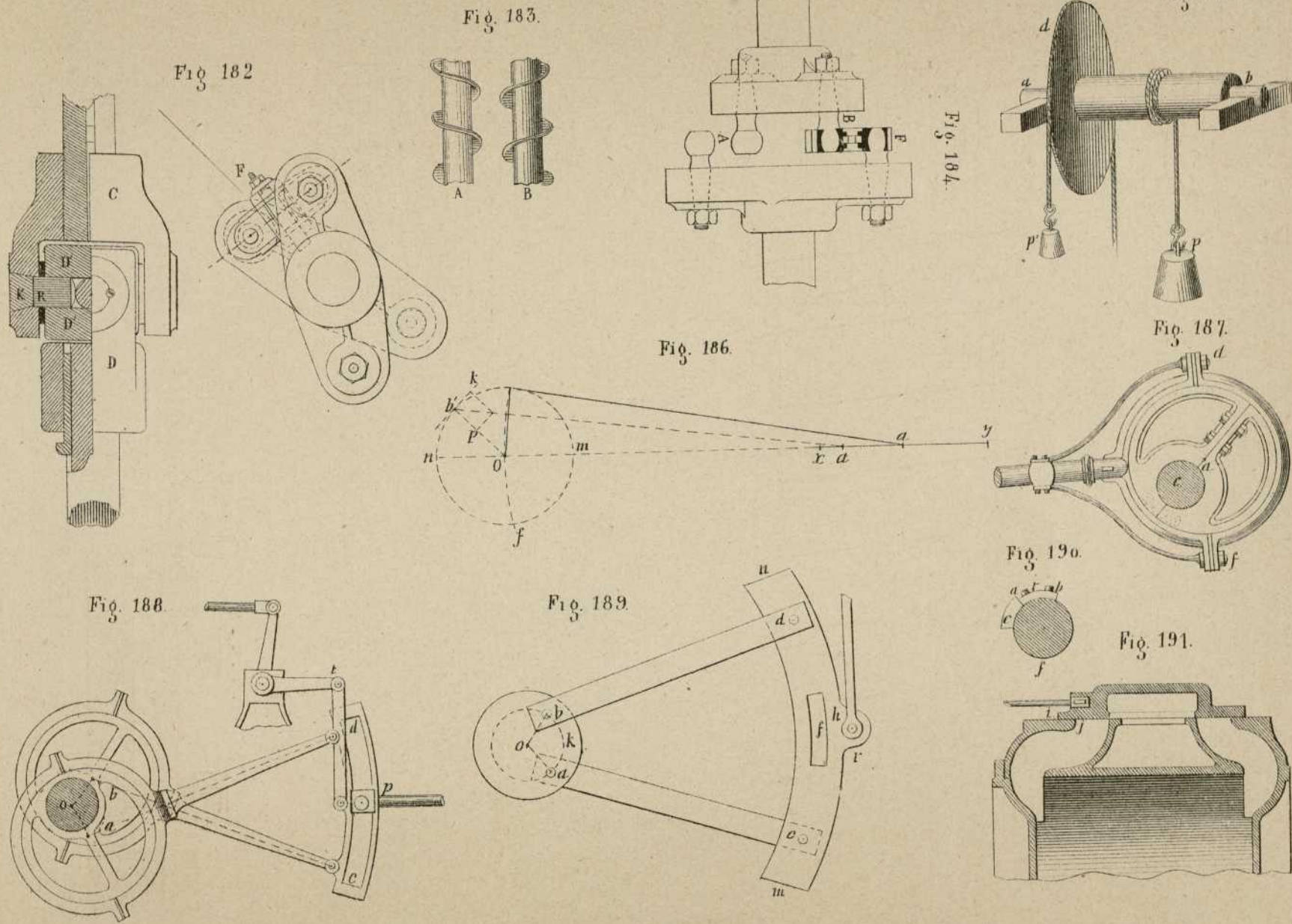
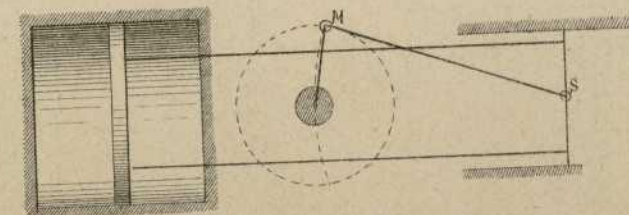
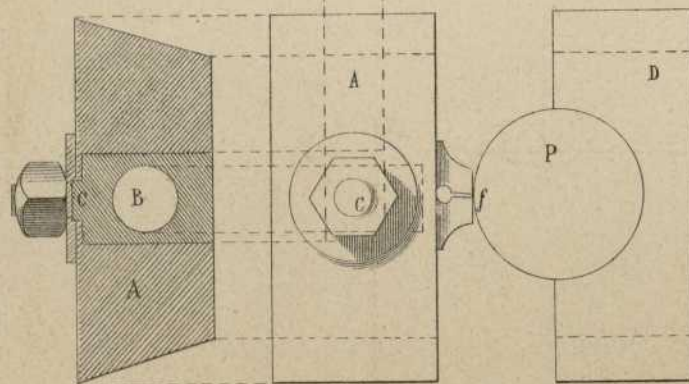
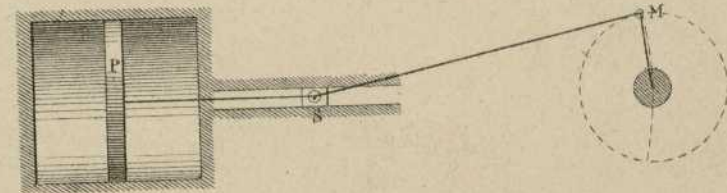
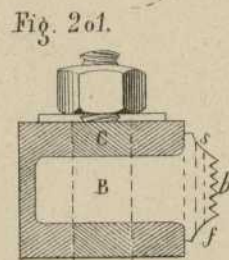
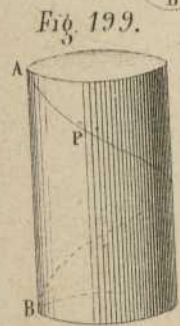
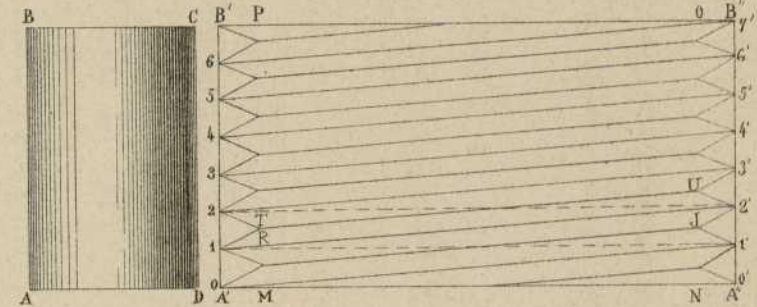
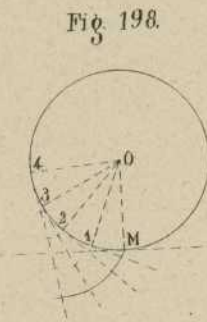
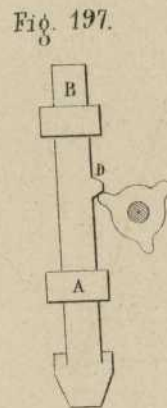
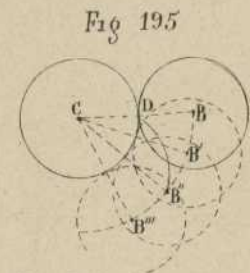
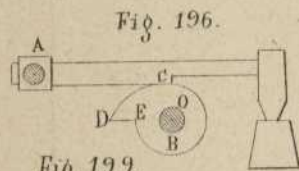
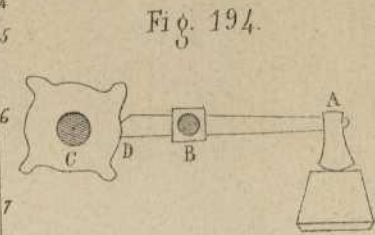
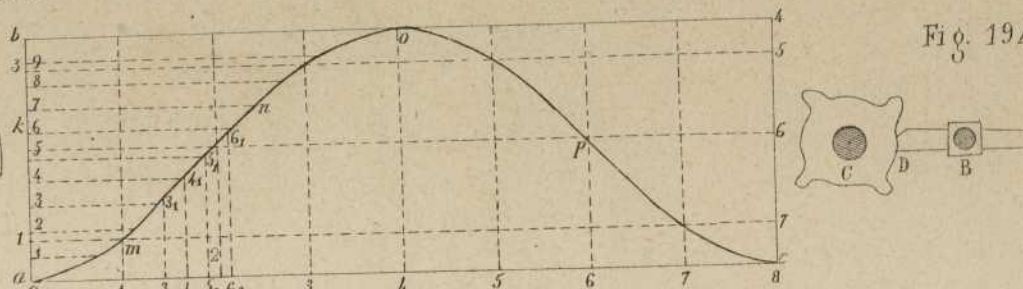
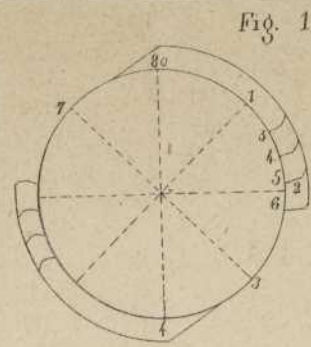
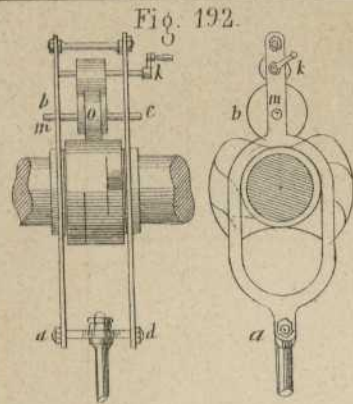
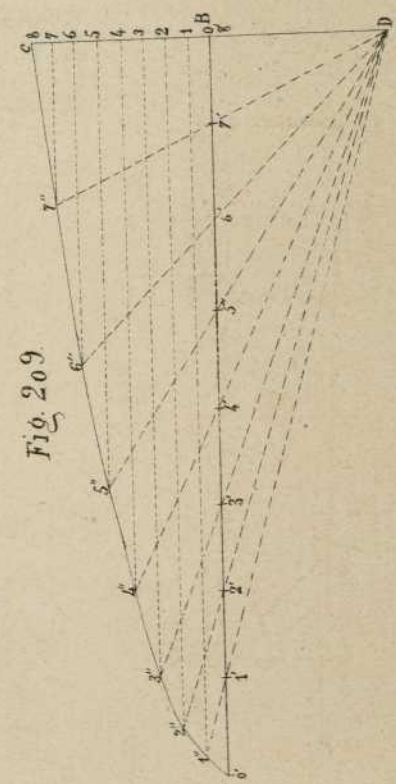
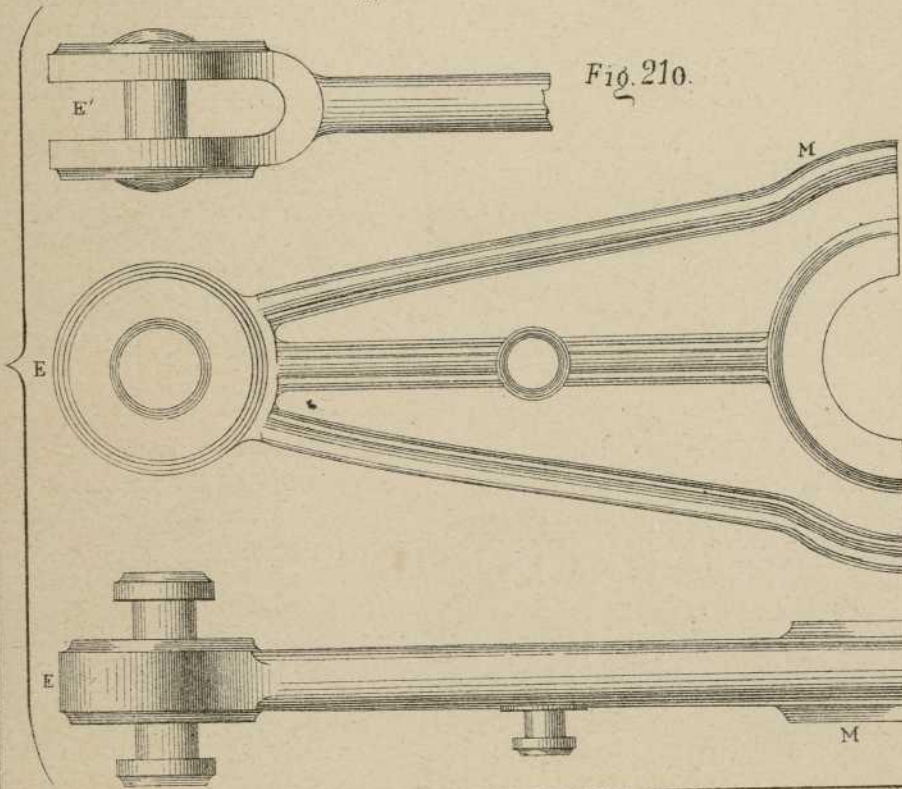
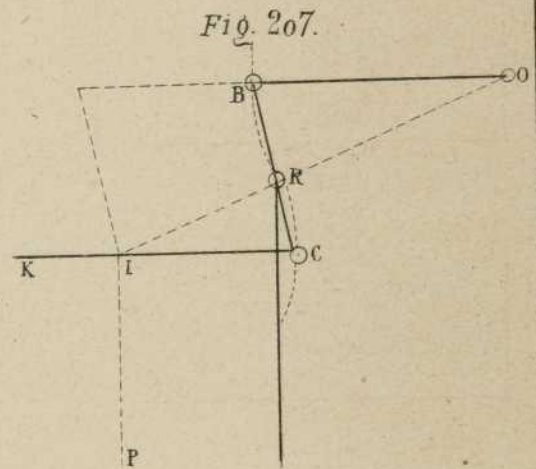
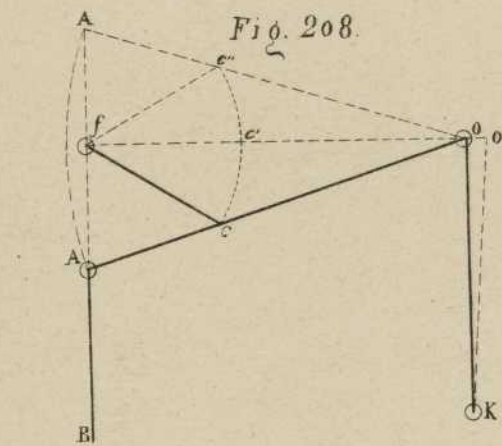
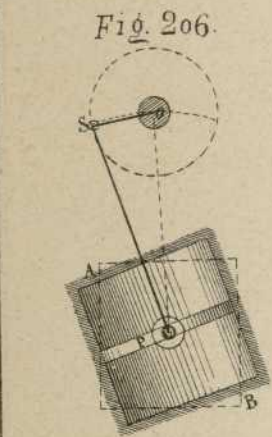
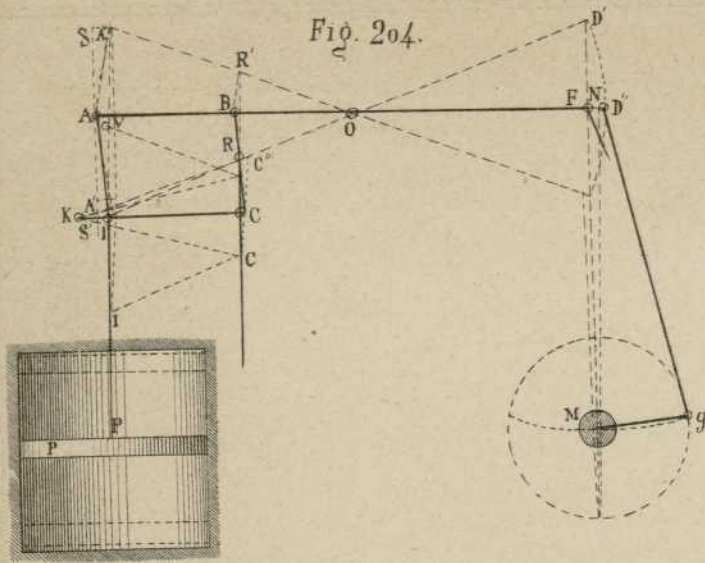


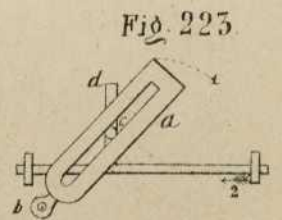
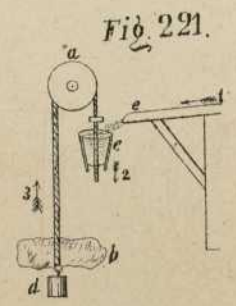
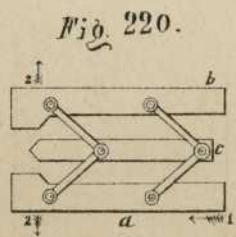
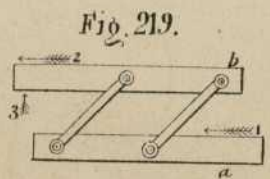
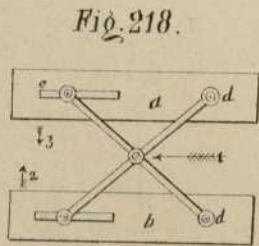
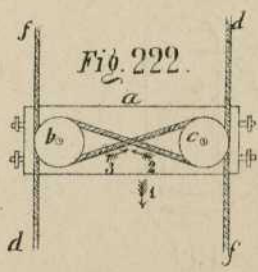
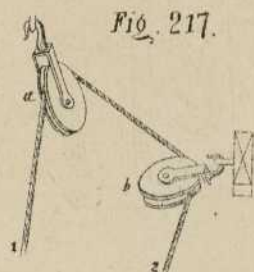
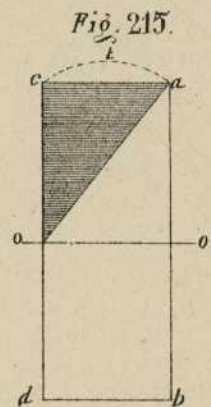
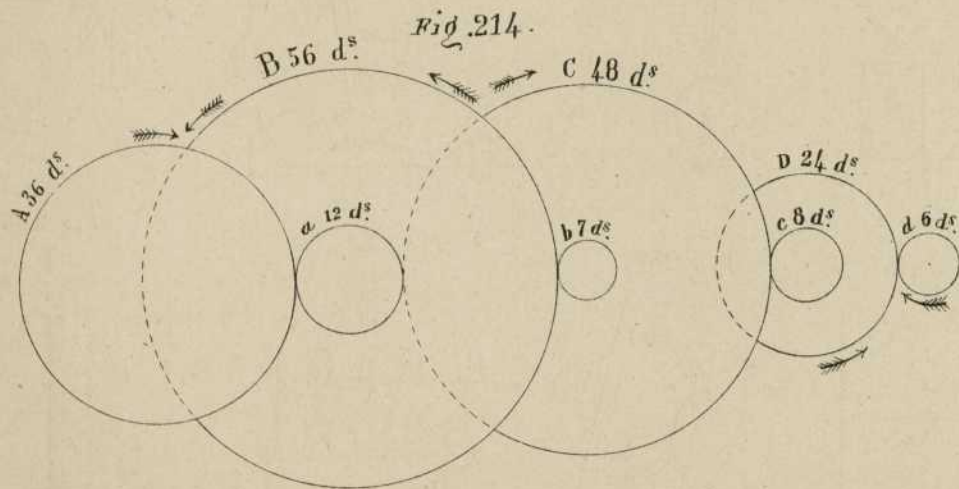
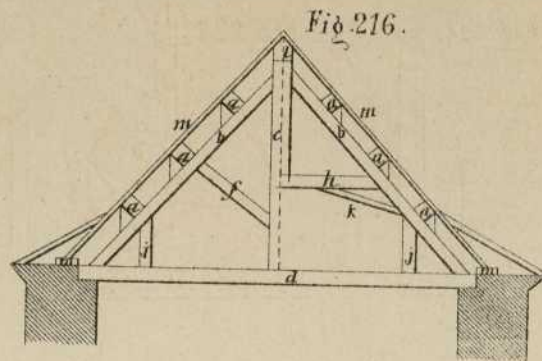
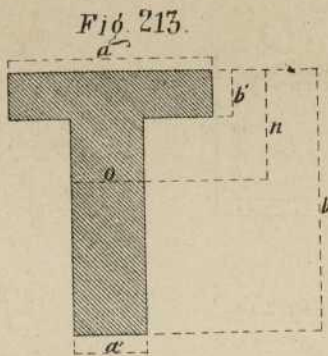
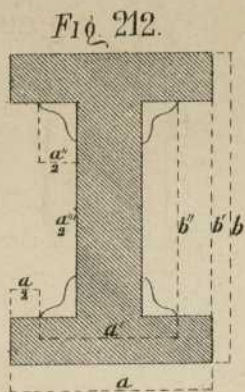
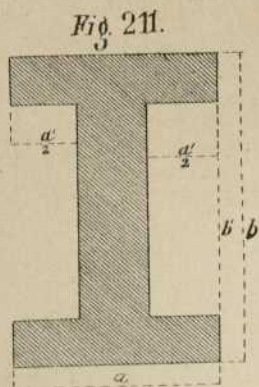
Fig. 181.

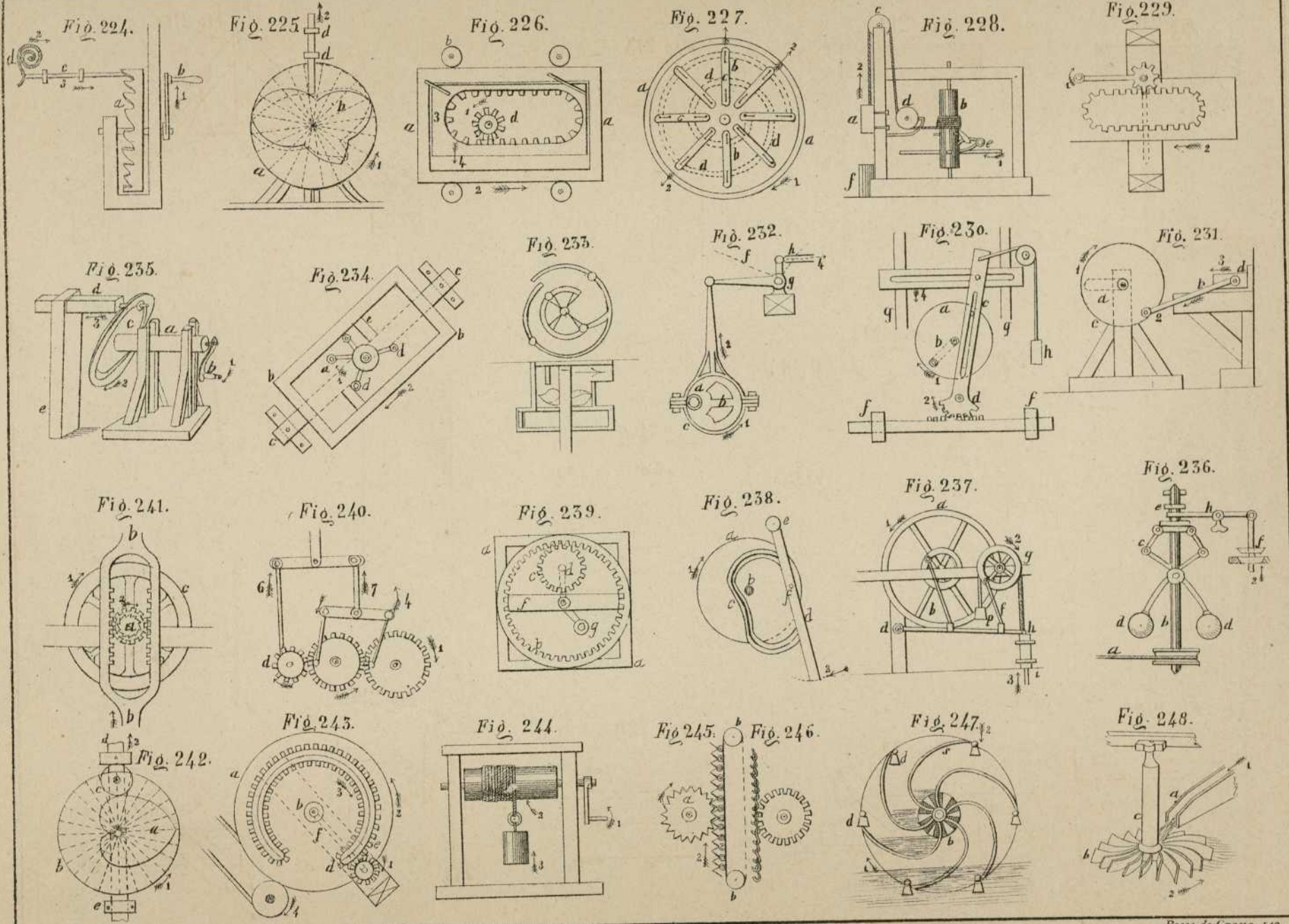


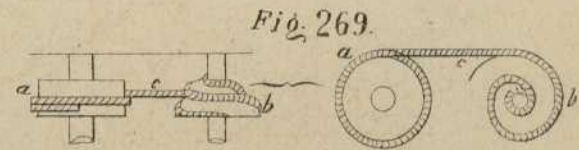
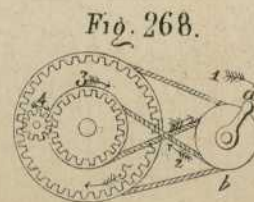
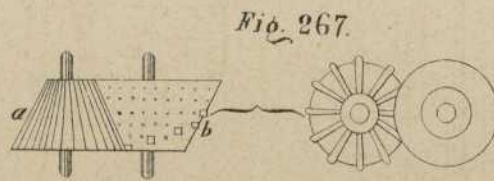
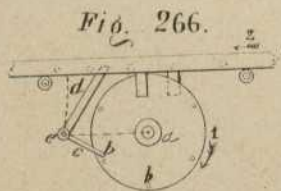
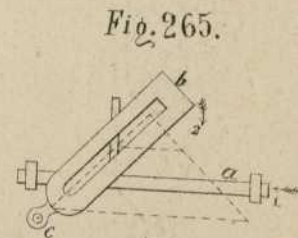
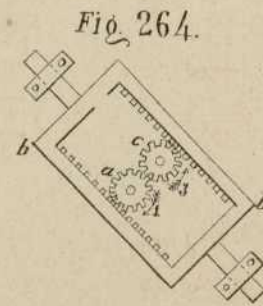
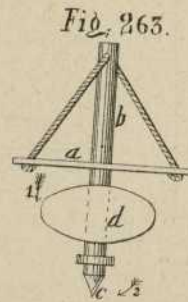
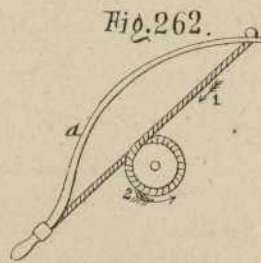
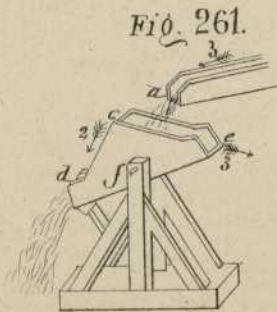
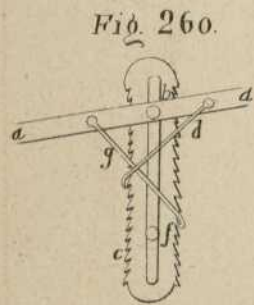
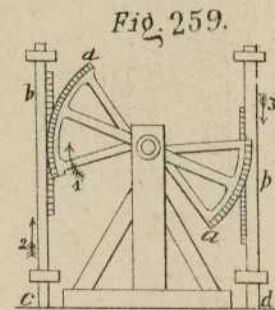
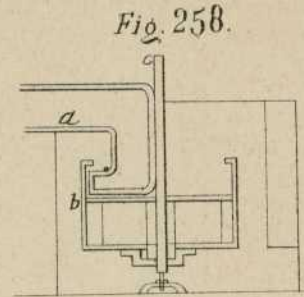
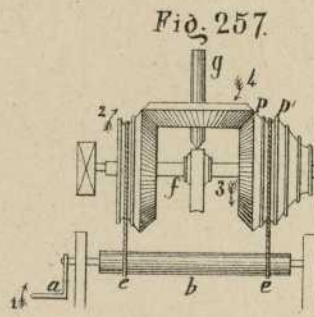
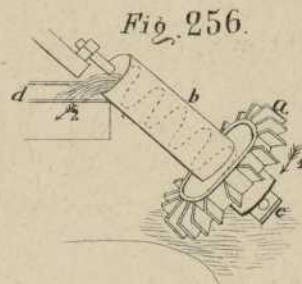
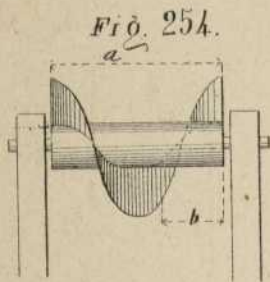
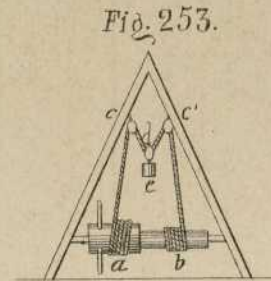
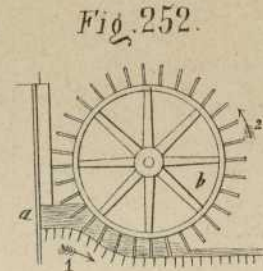
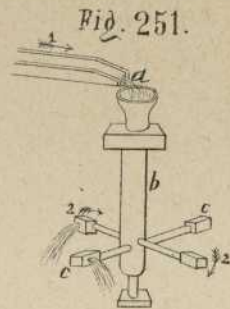
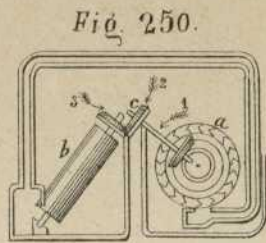
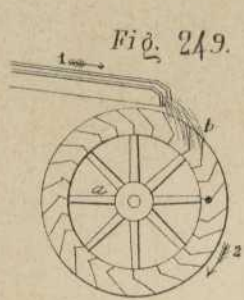












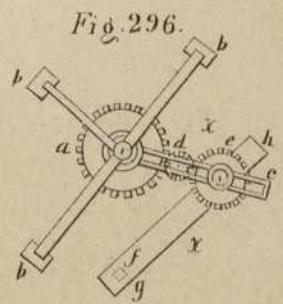
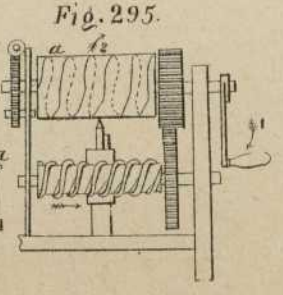
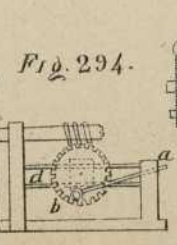
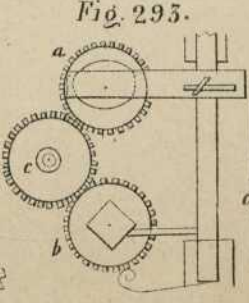
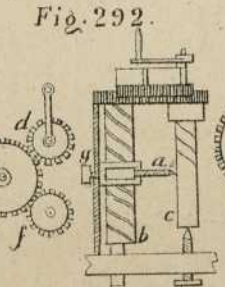
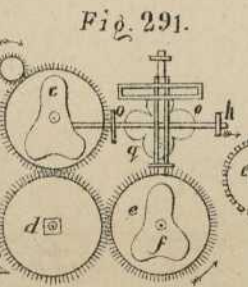
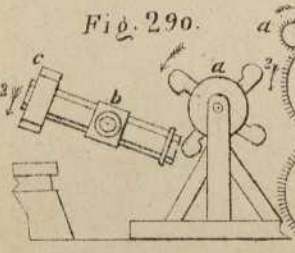
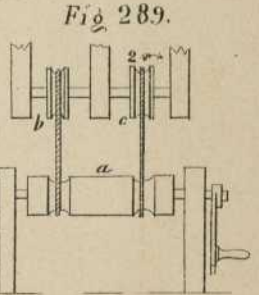
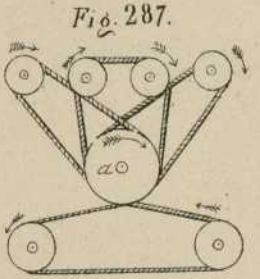
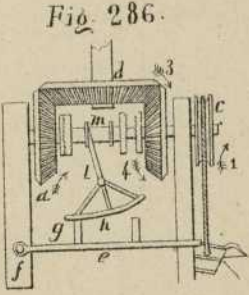
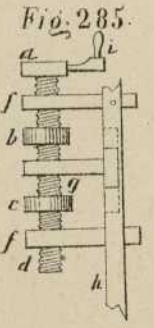
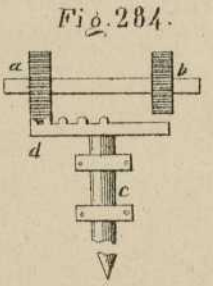
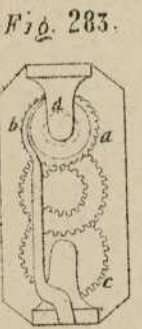
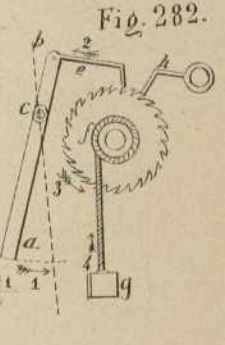
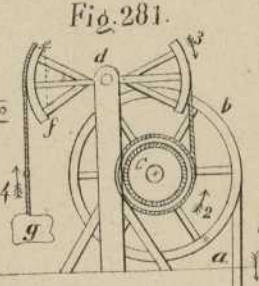
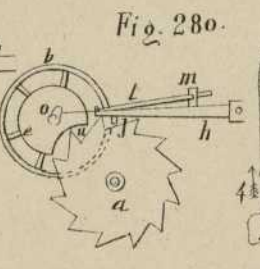
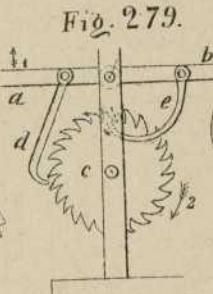
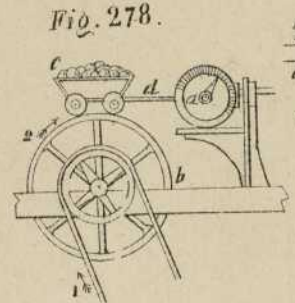
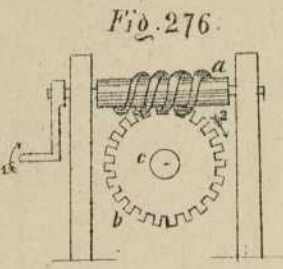
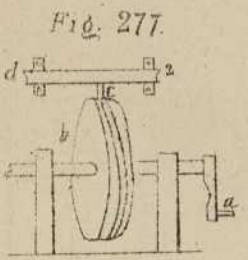
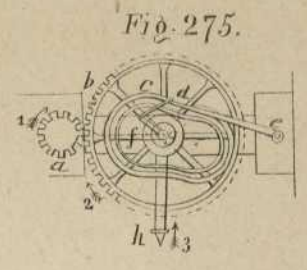
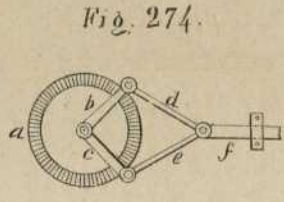
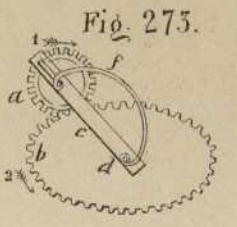
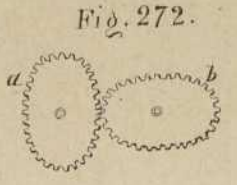
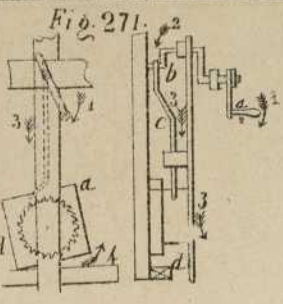
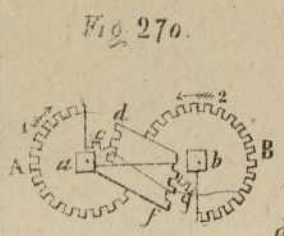


Fig. 297.

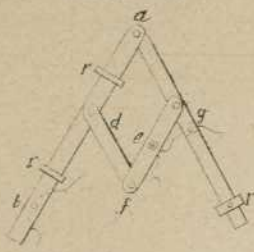


Fig. 298.

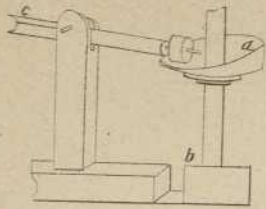


Fig. 299.

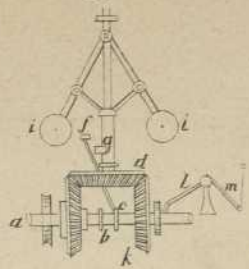


Fig. 300.

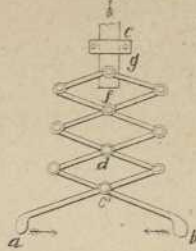


Fig. 301.

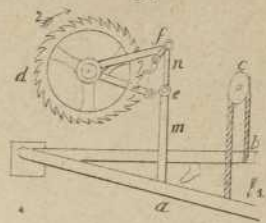


Fig. 302.

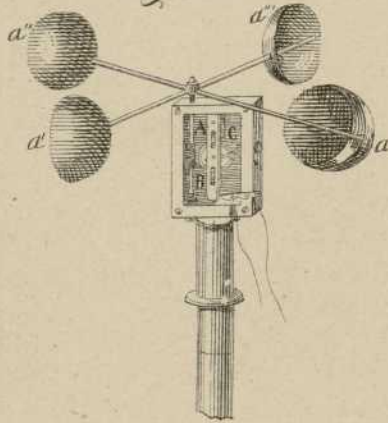


Fig. 303.

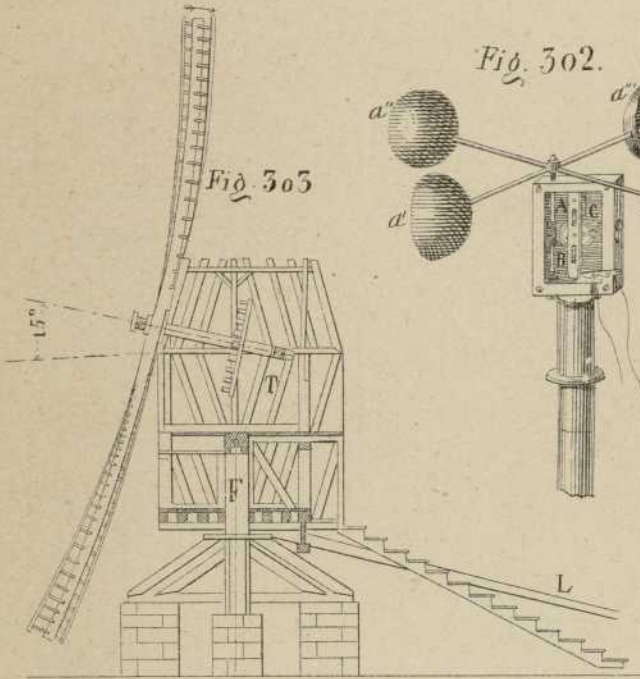


Fig. 305.

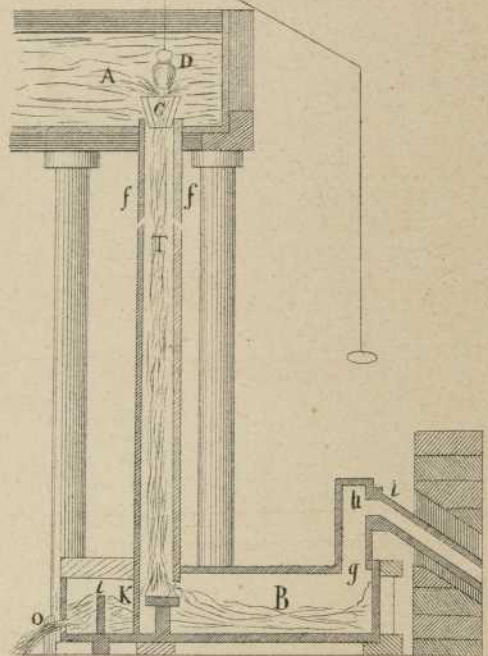


Fig. 307.

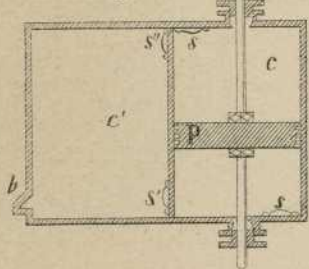


Fig. 304.

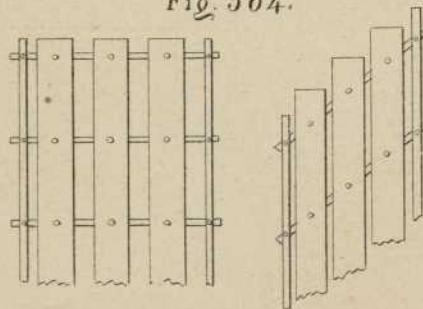


Fig. 308.

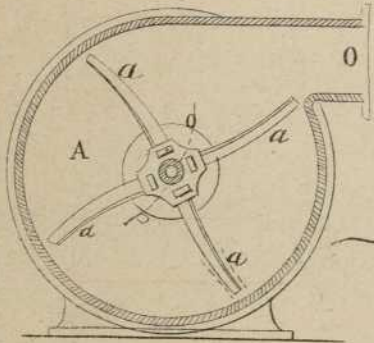
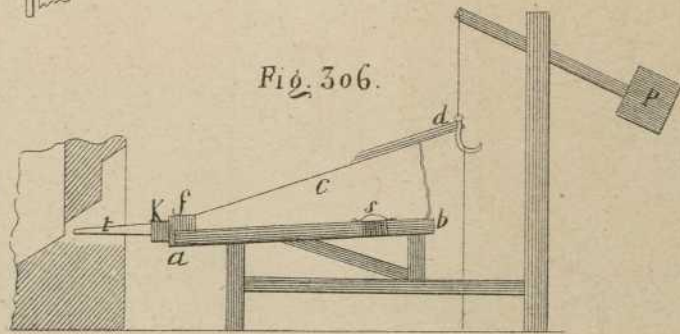


Fig. 306.



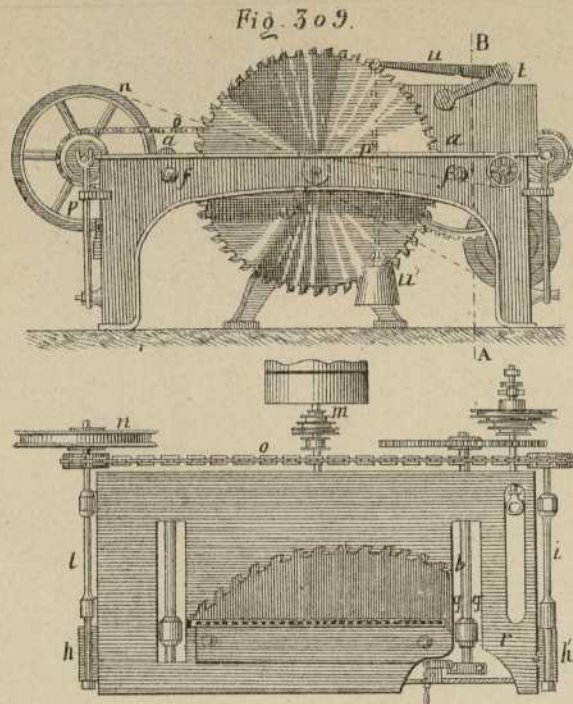


Fig. 310.

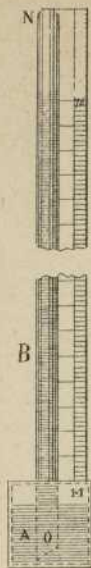


Fig. 311.

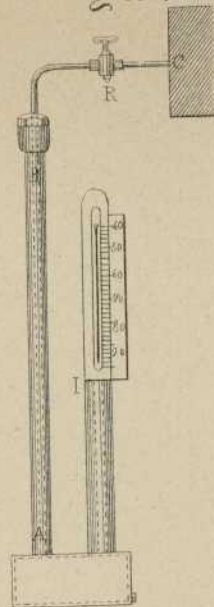


Fig. 312.

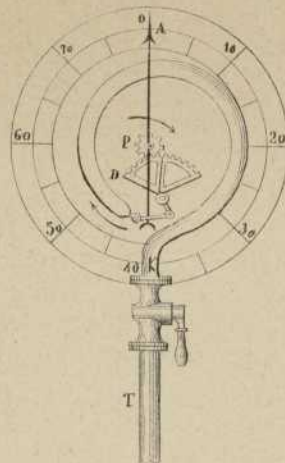


Fig. 313.

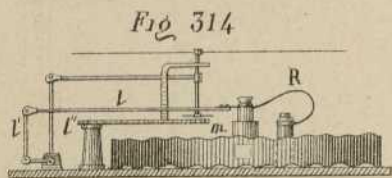
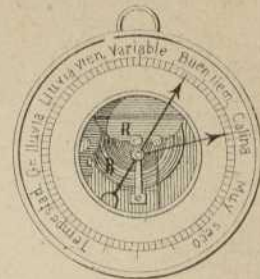


Fig. 317.

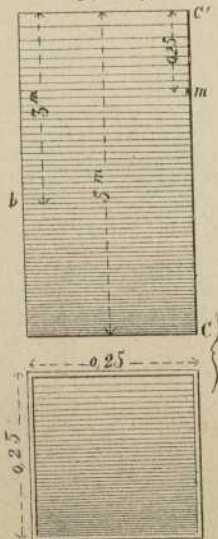


Fig. 320.

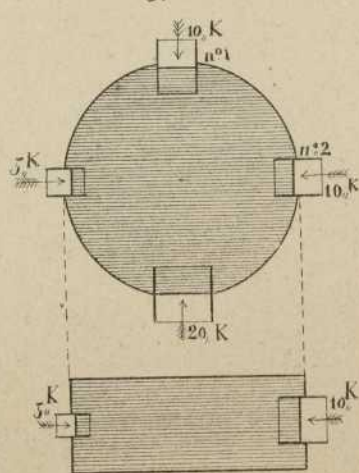


Fig. 318.

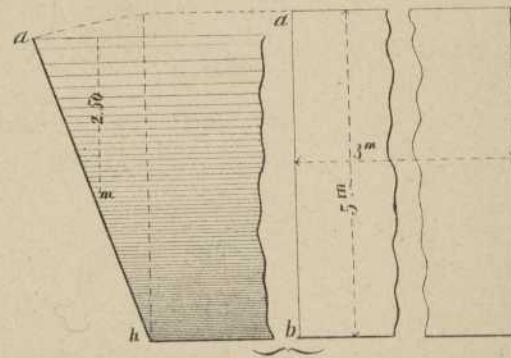


Fig. 315.

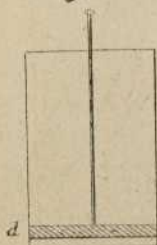


Fig. 316.

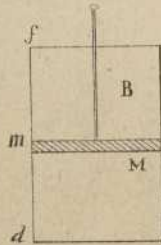


Fig. 319.

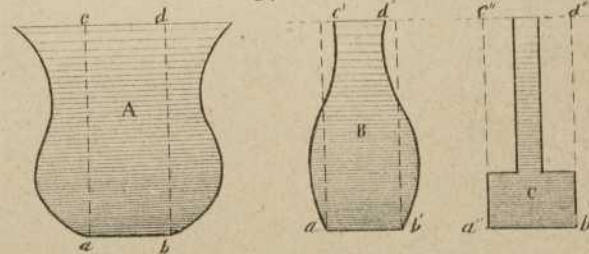


Fig. 321.

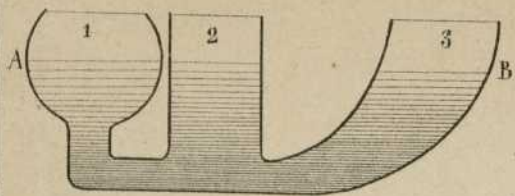


Fig. 322.

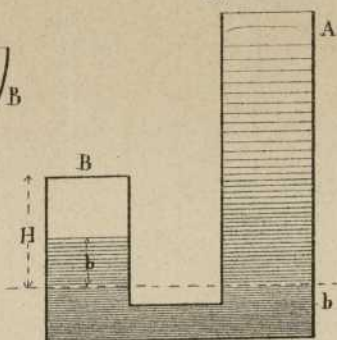


Fig. 323.

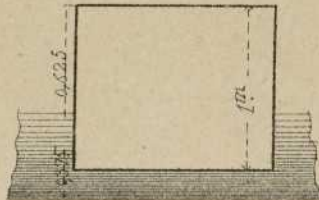


Fig. 324.

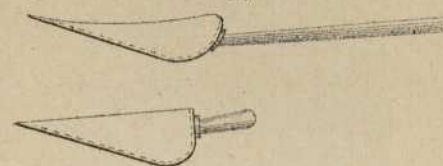


Fig. 325.

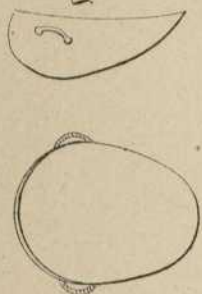


Fig. 326.

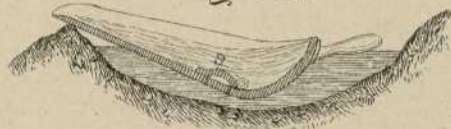


Fig. 327.

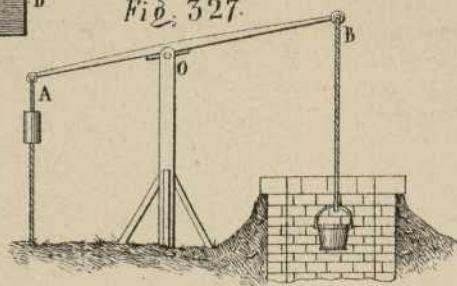


Fig. 328.

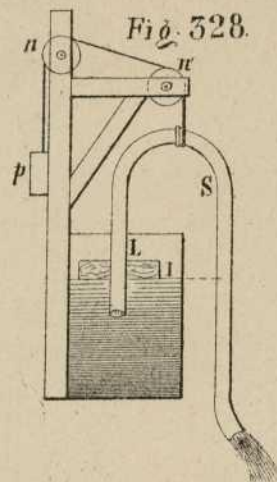


Fig. 329.

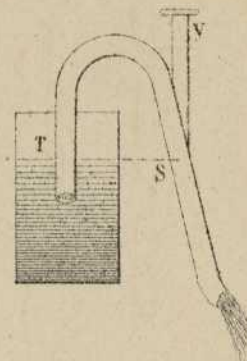


Fig. 330.

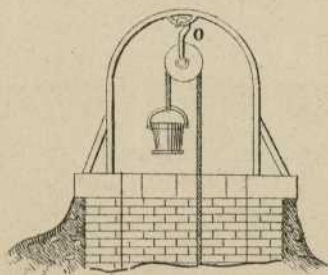


Fig. 332.

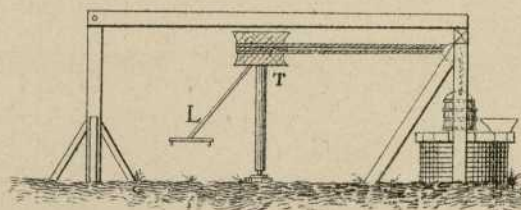


Fig. 334.

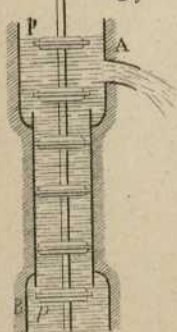


Fig. 333.

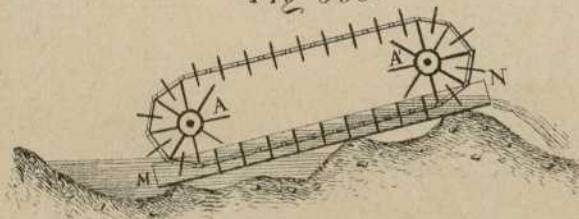


Fig. 331.

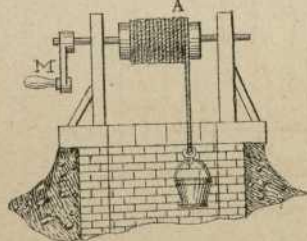
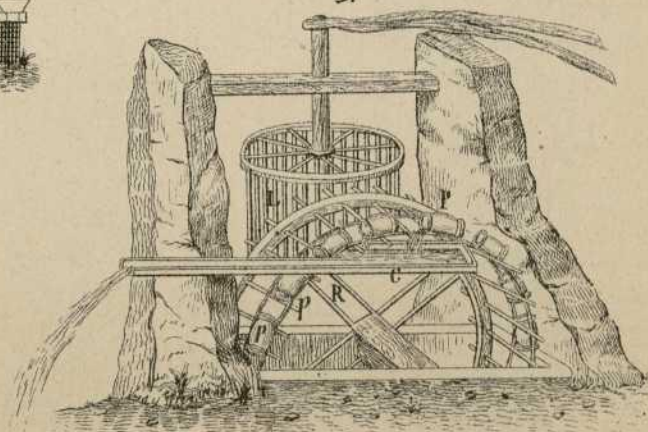
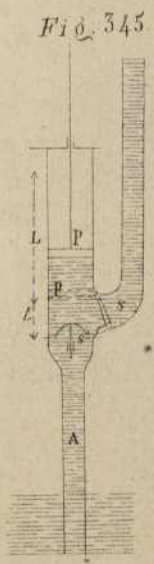
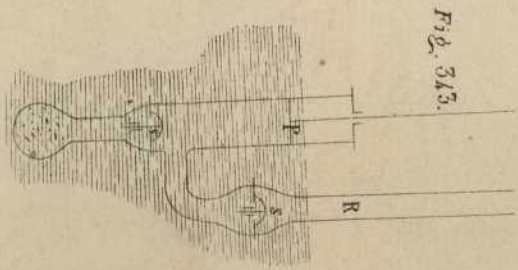
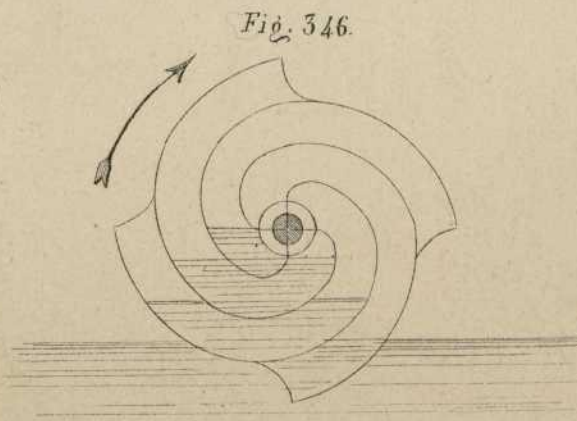
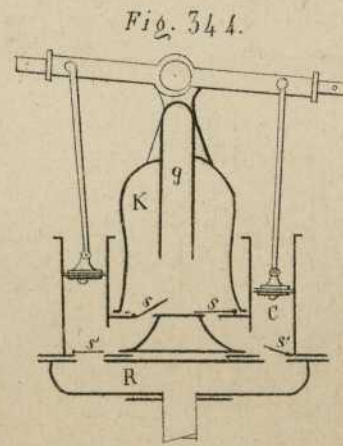
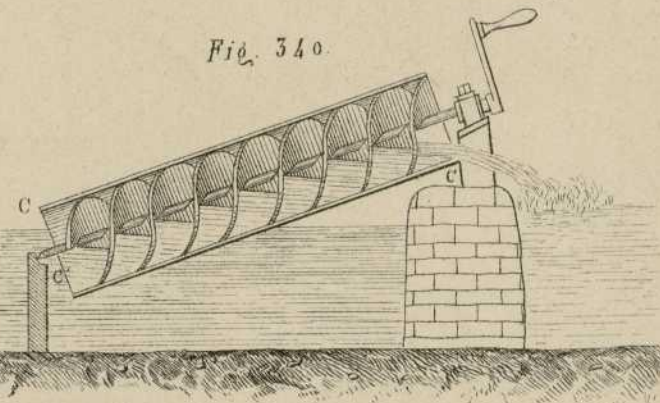
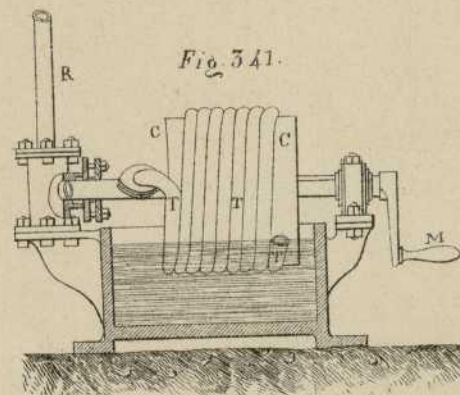
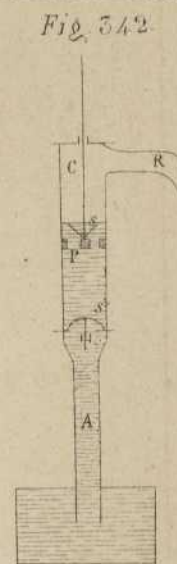
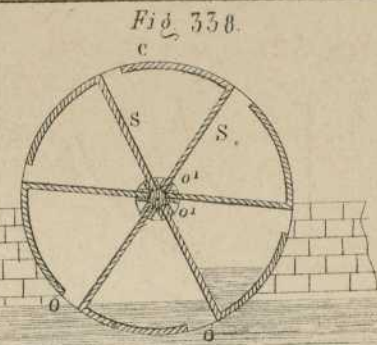
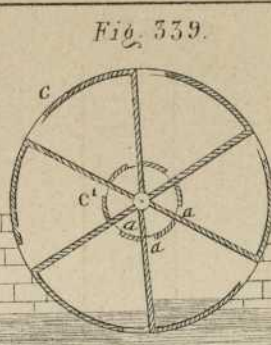
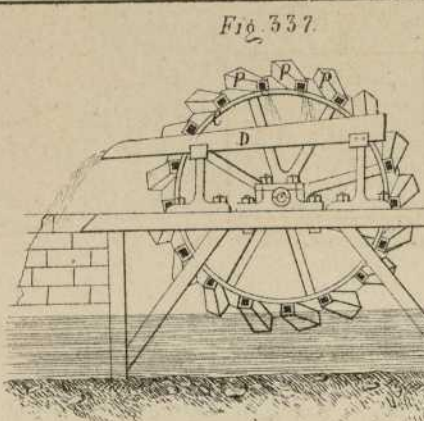
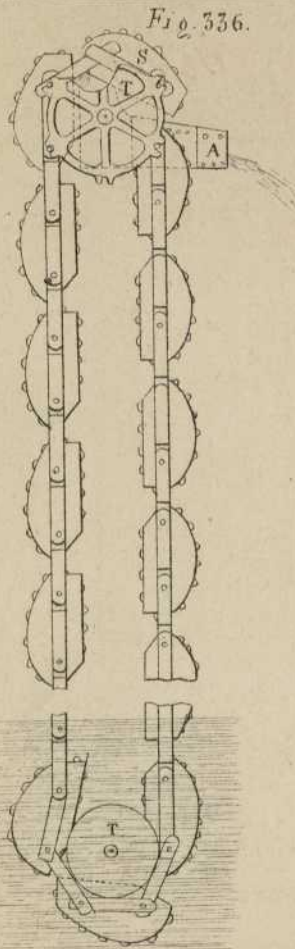


Fig. 335.





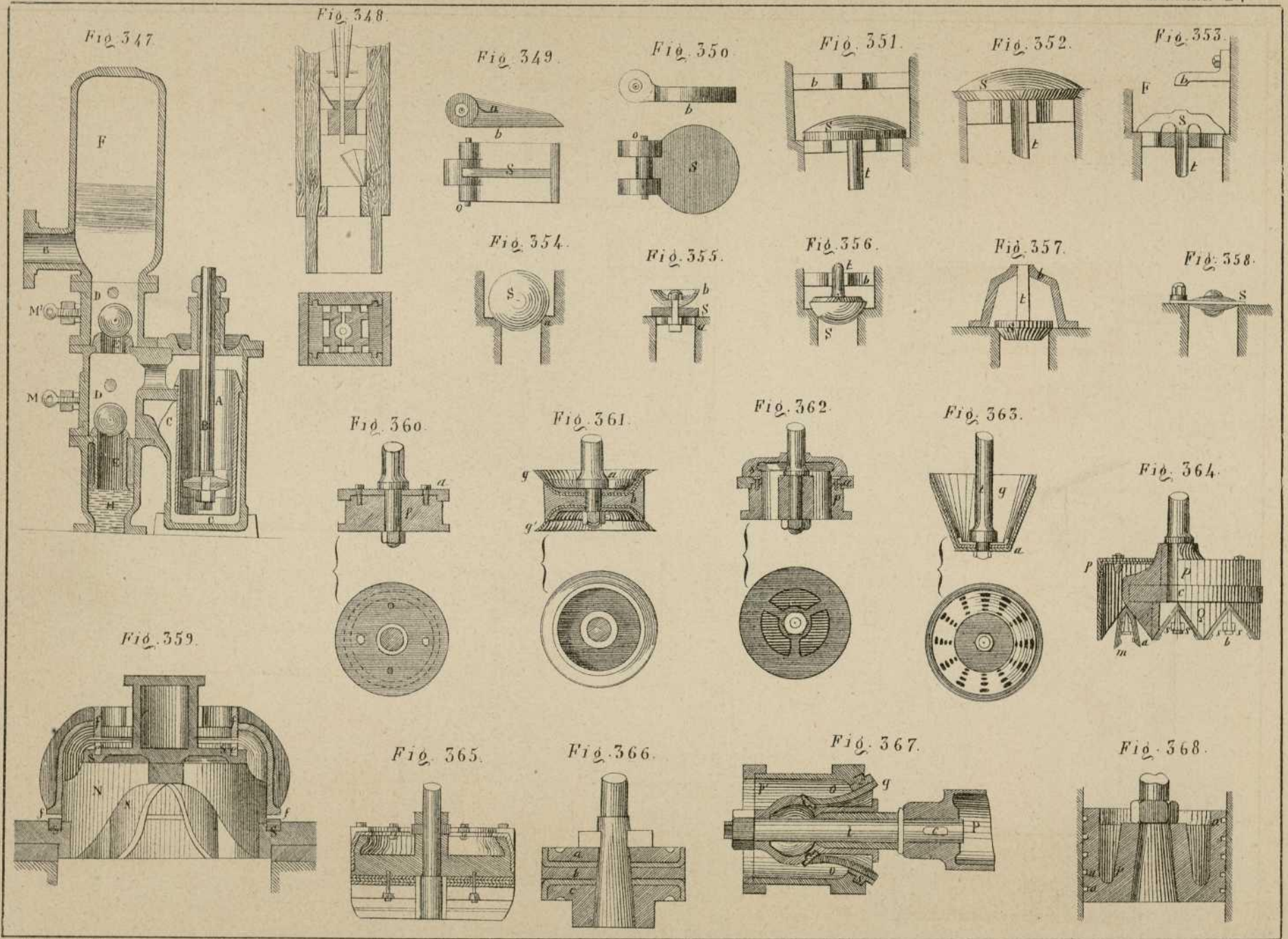


Fig. 369.

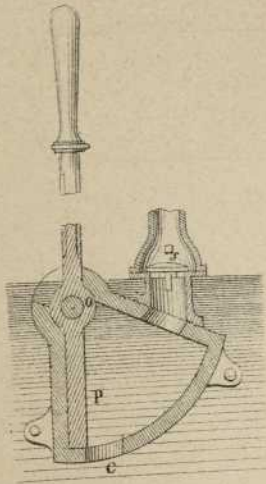


Fig. 370.

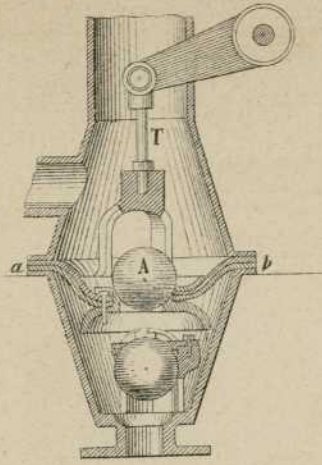


Fig. 371.

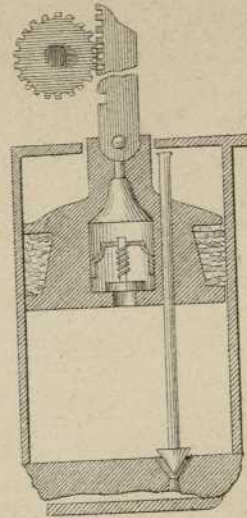


Fig. 374.

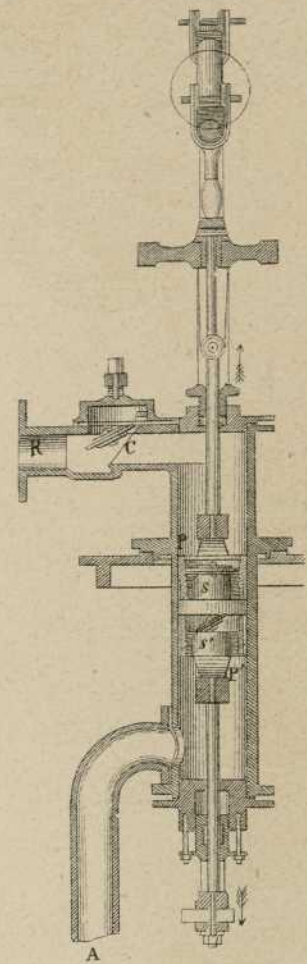


Fig. 372.

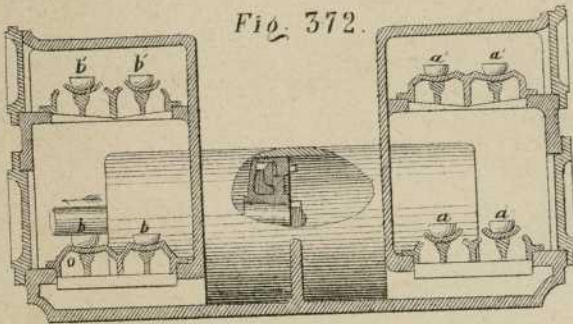


Fig. 375.

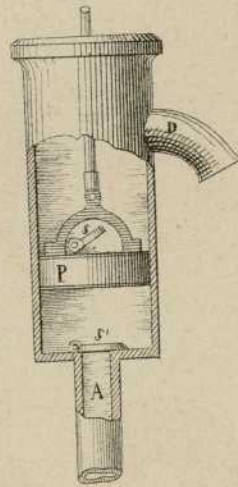


Fig. 376.

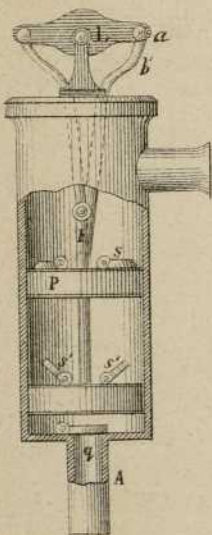


Fig. 377.

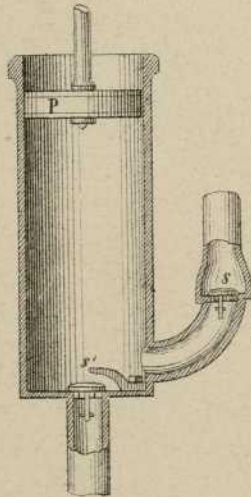


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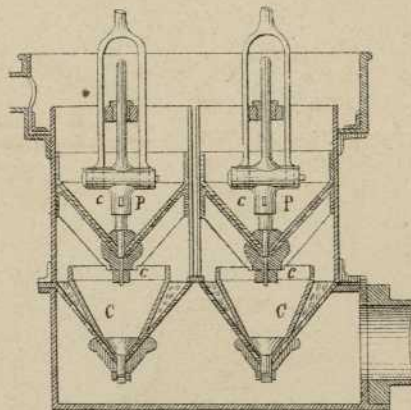


Fig. 378.

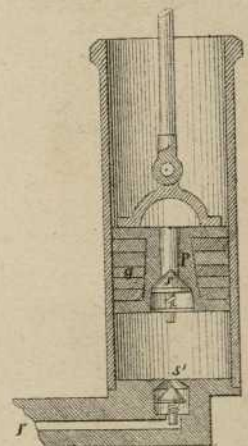


Fig. 379.

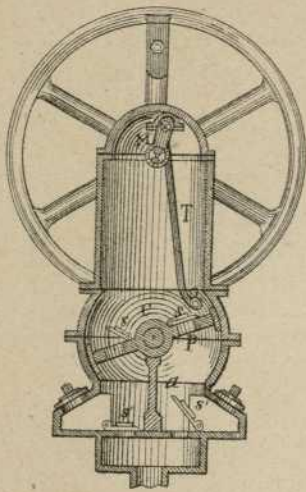


Fig. 380.

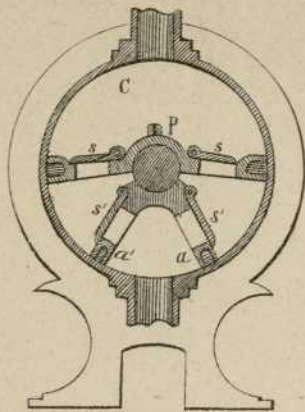


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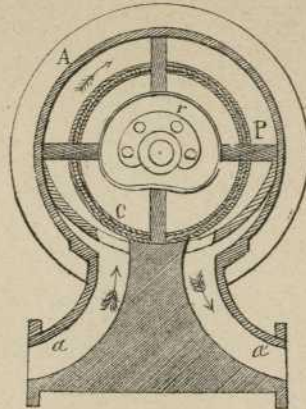


Fig. 382.

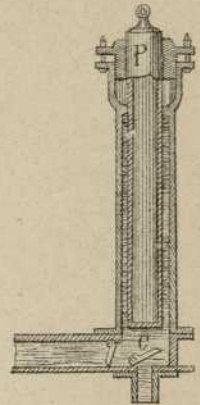


Fig. 383.

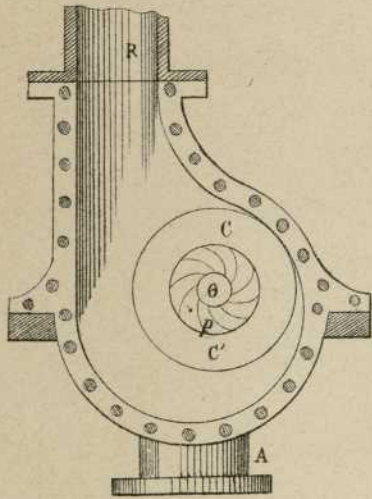


Fig. 386.

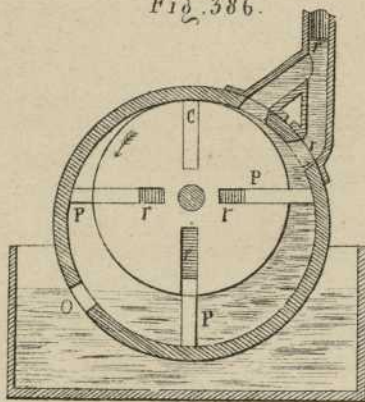


Fig. 387.

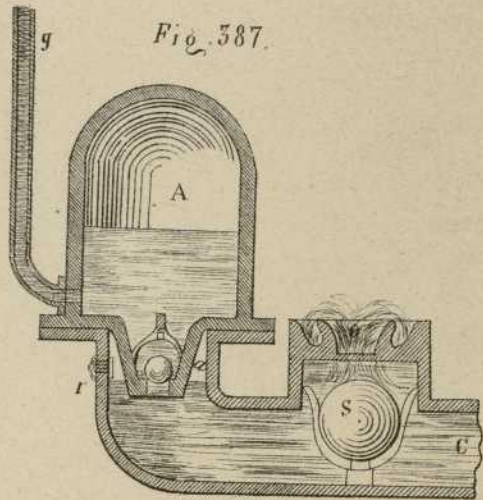


Fig. 385.

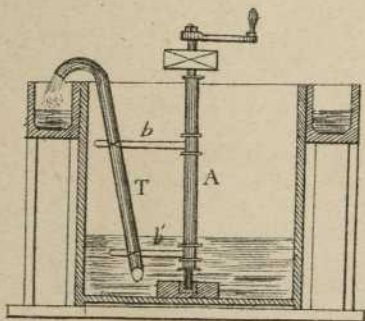


Fig. 384.

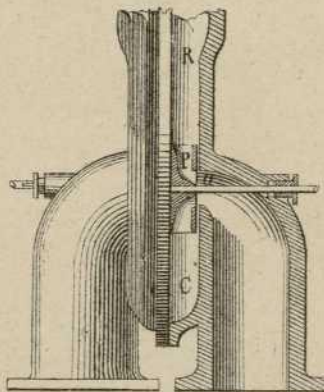


Fig. 388.

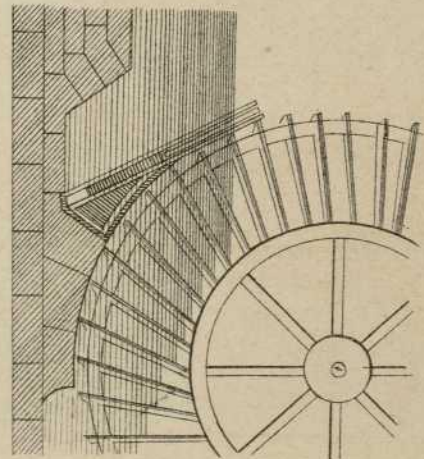


Fig. 389.

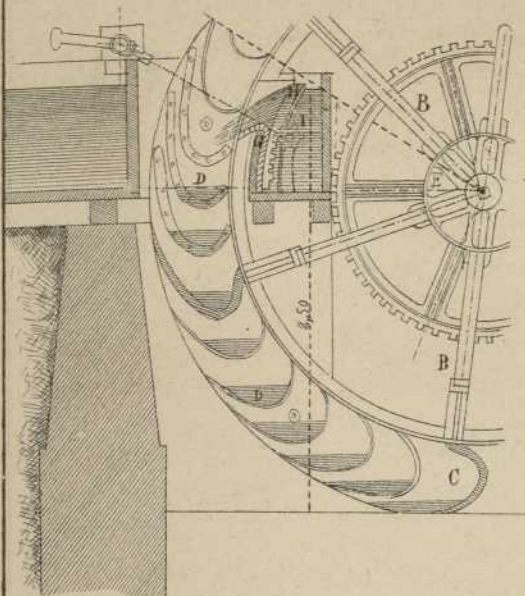


Fig. 395.

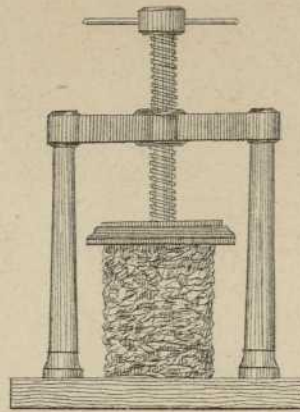


Fig. 396.

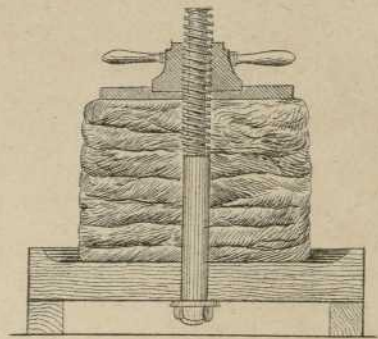


Fig. 393.

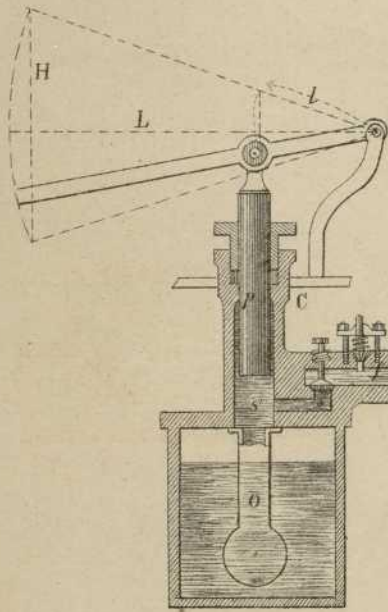
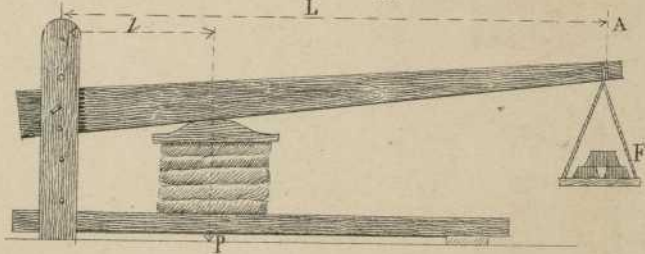


Fig. 390.

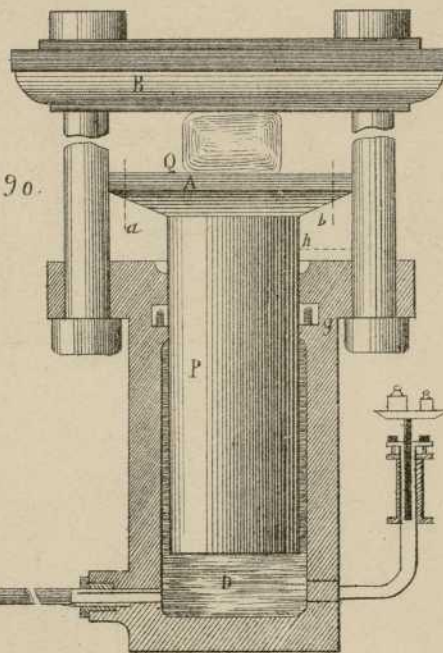


Fig. 391.

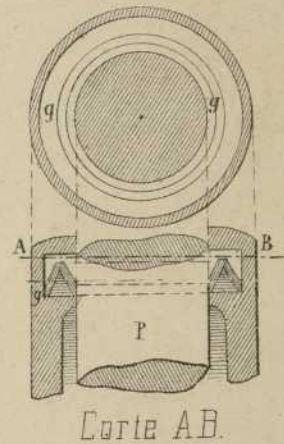


Fig. 392.

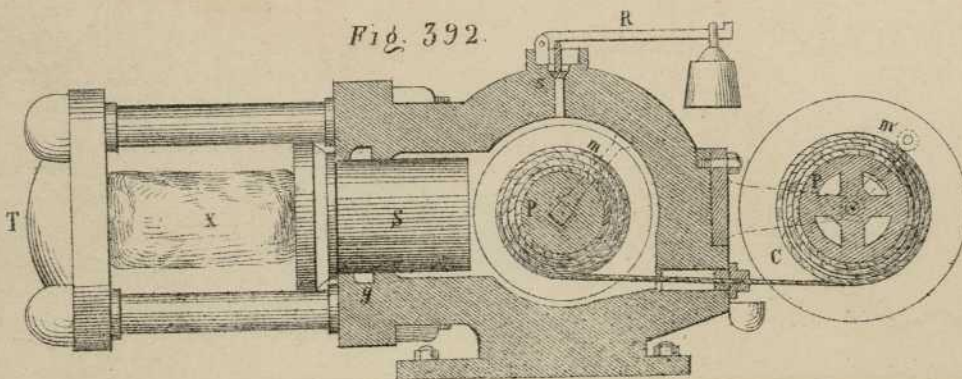
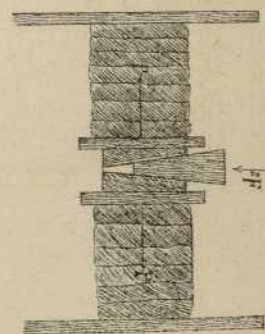
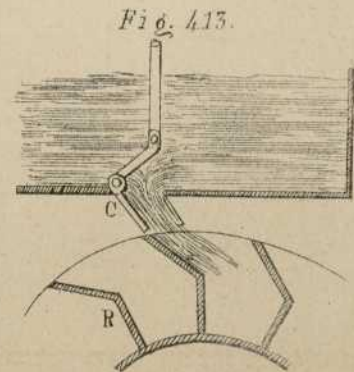
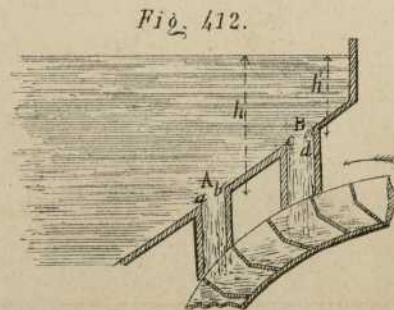
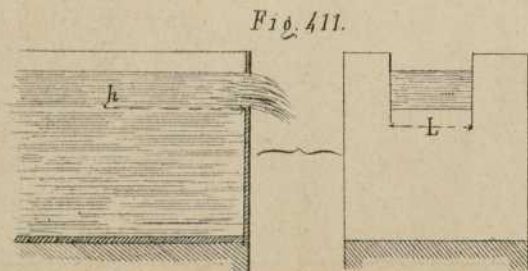
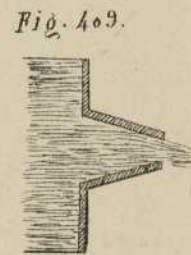
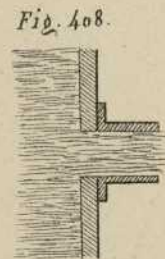
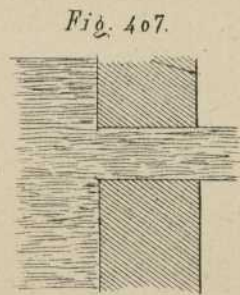
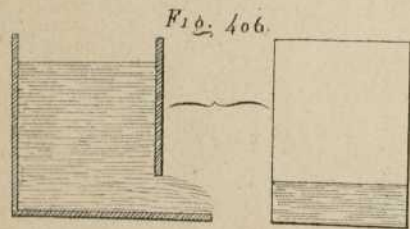
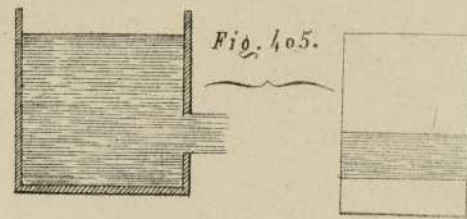
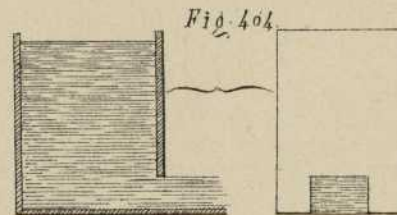
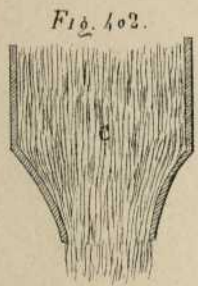
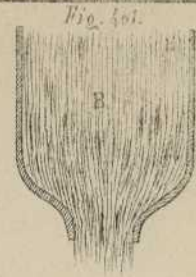
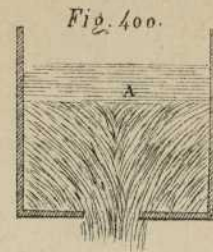
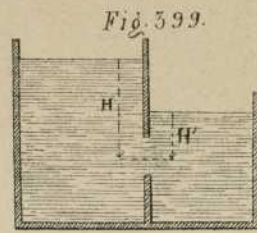
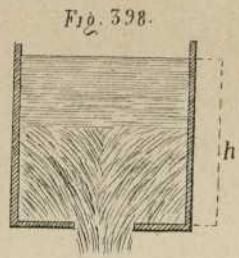
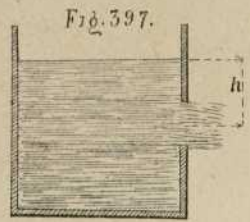


Fig. 394.





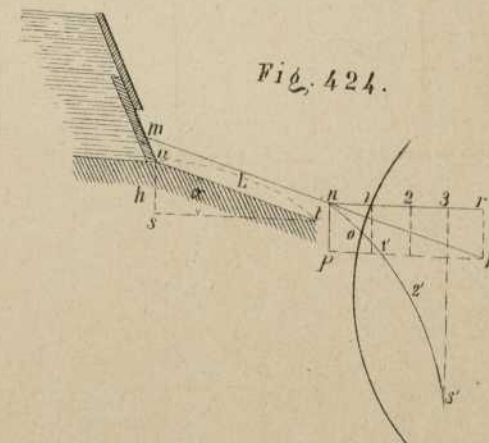
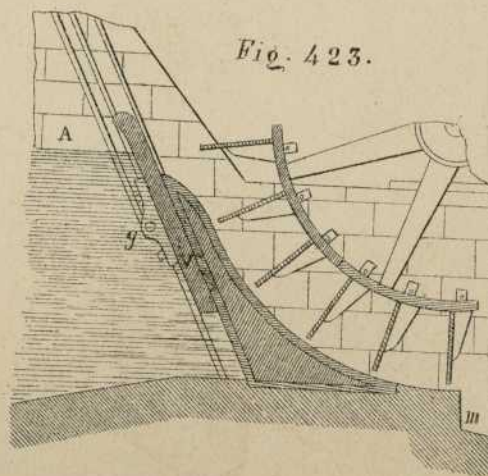
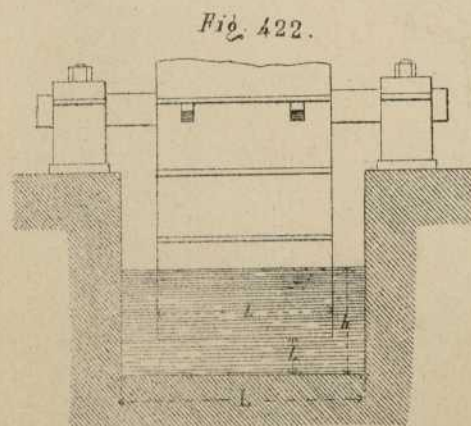
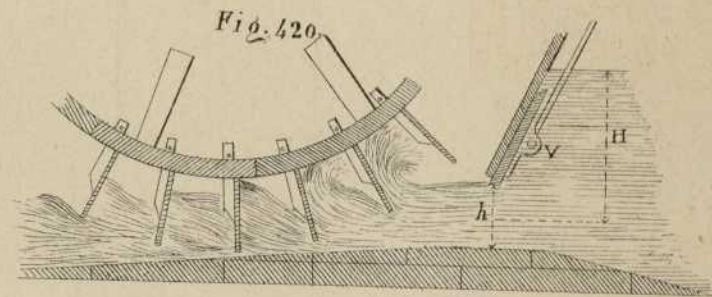
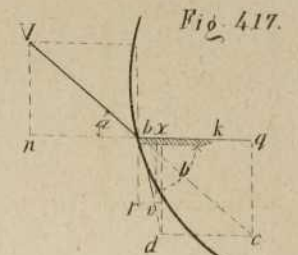
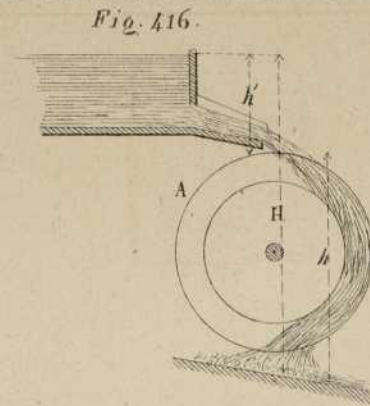
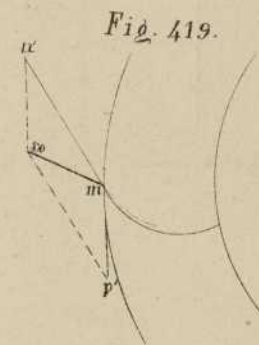
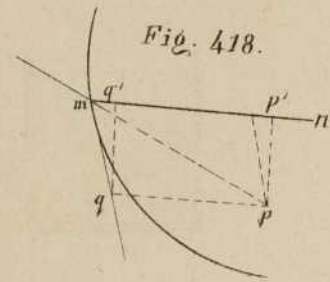
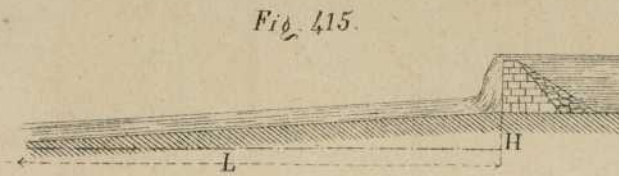
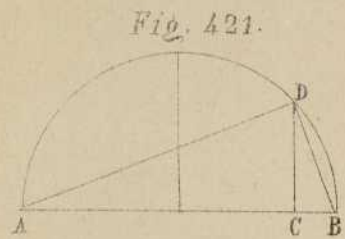
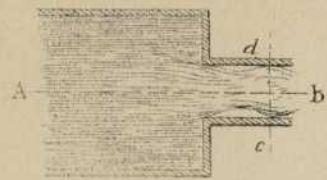
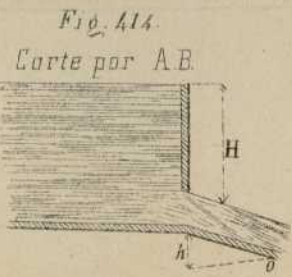


Fig. 425.

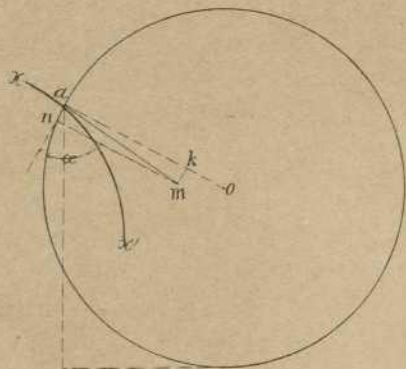


Fig. 428.

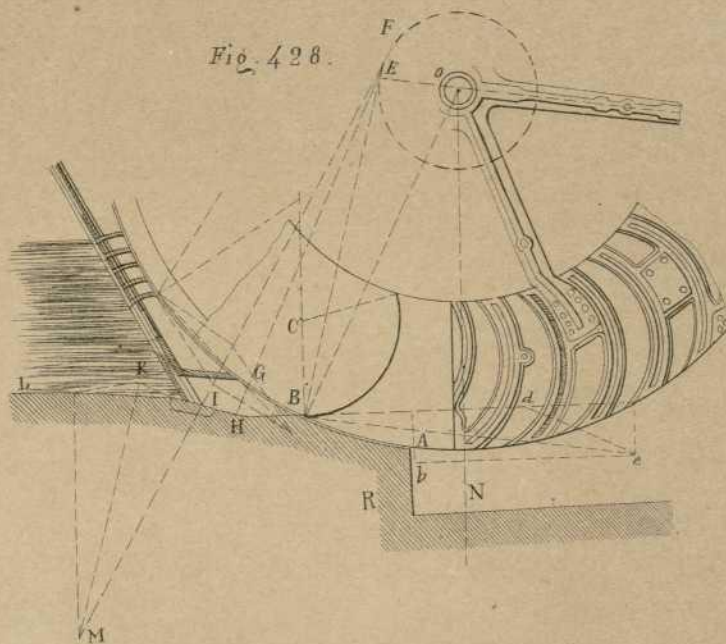


Fig. 426.

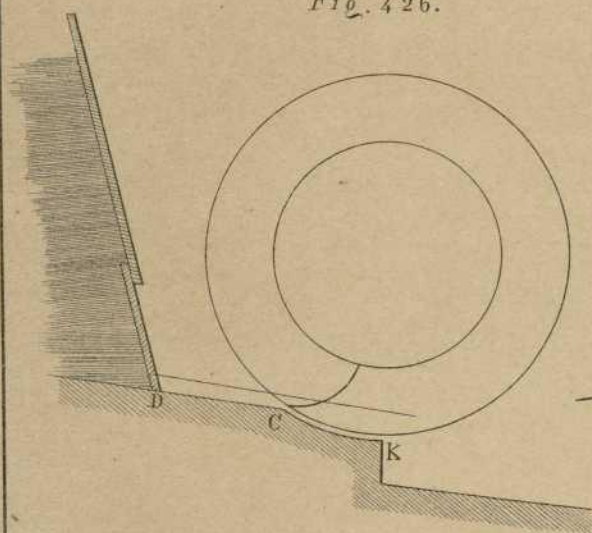


Fig. 429.

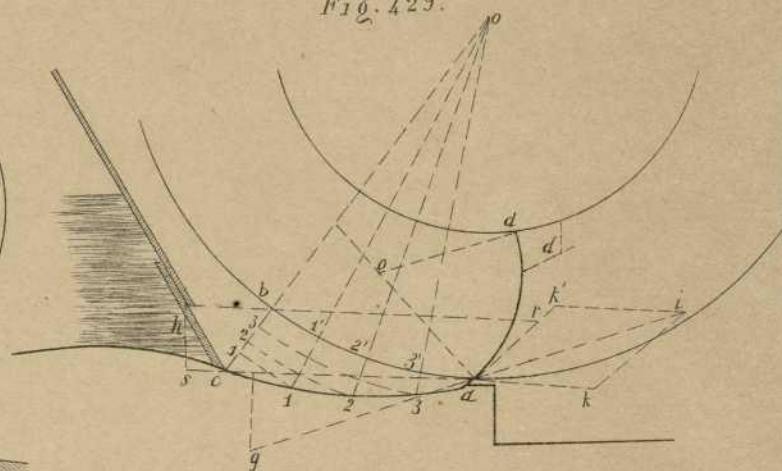


Fig. 427.

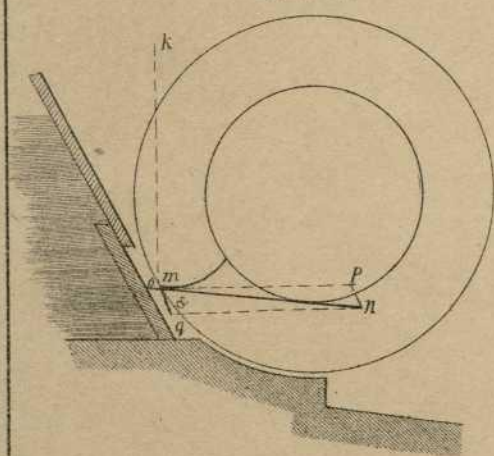


Fig. 430.

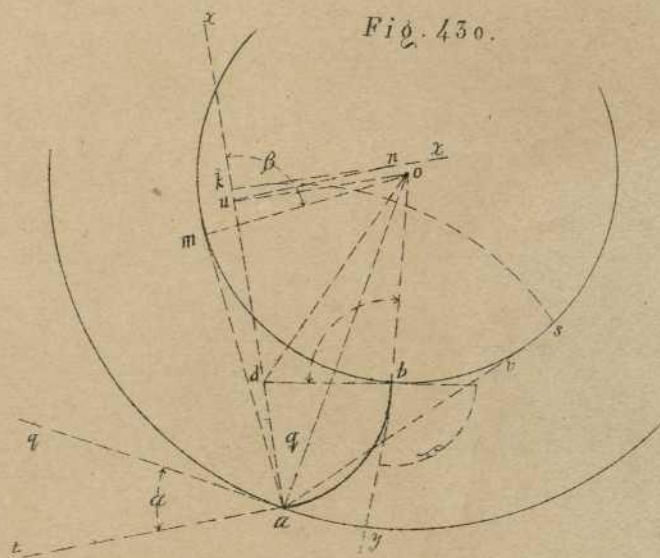


Fig. 431.

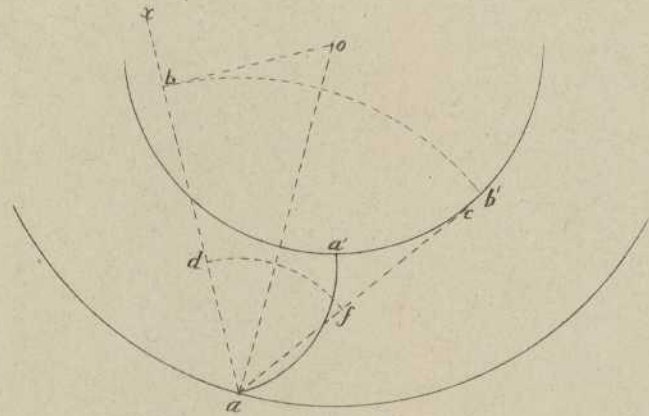


Fig. 433.

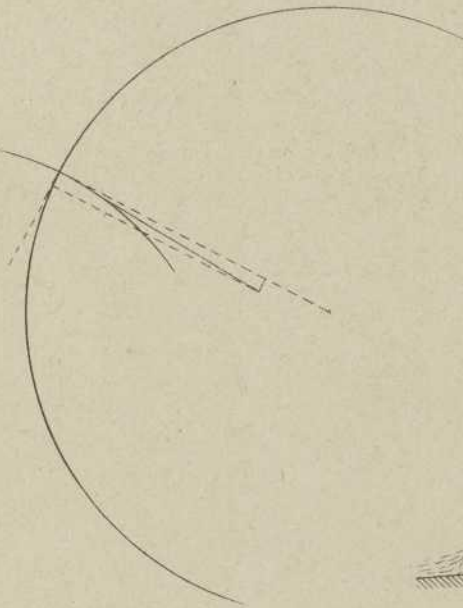


Fig. 432.

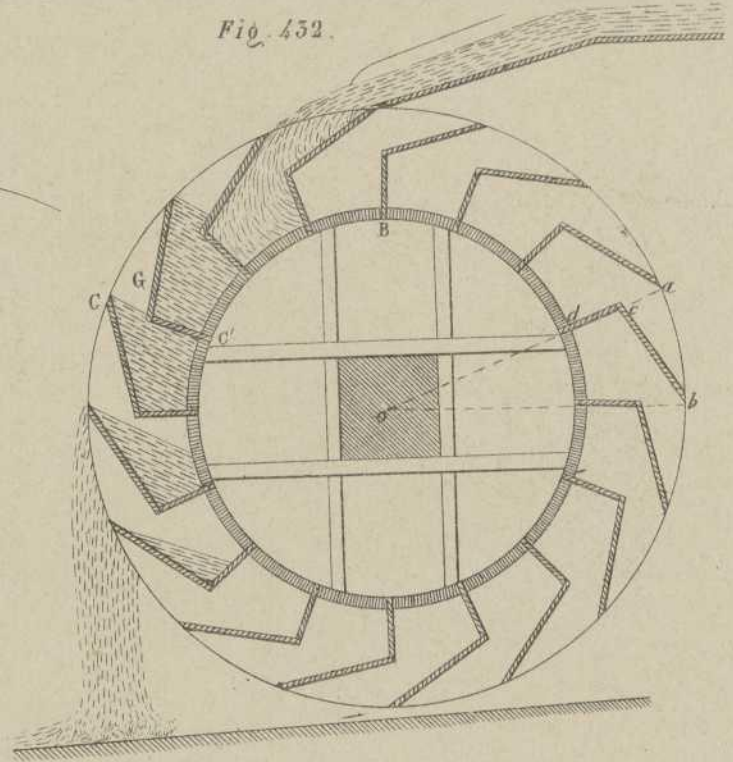


Fig. 434.

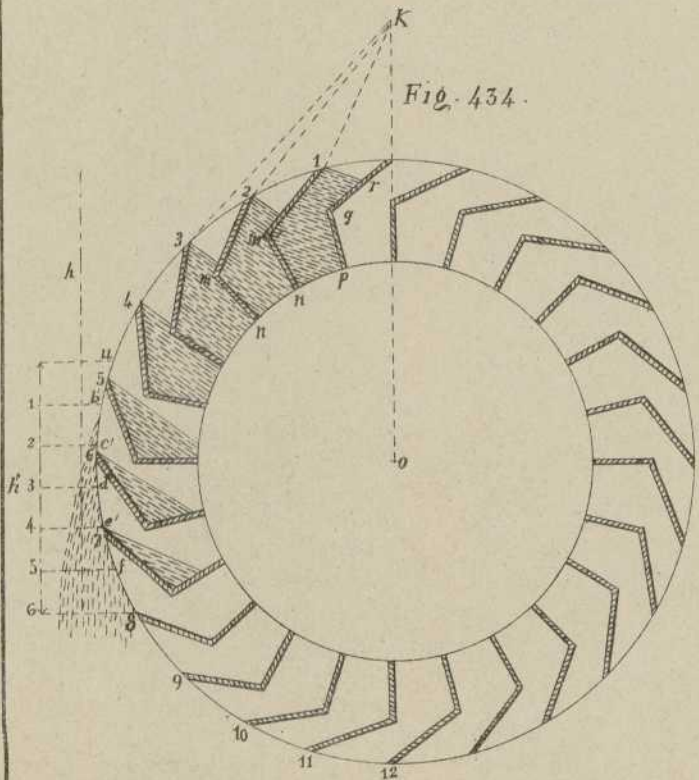


Fig. 435.

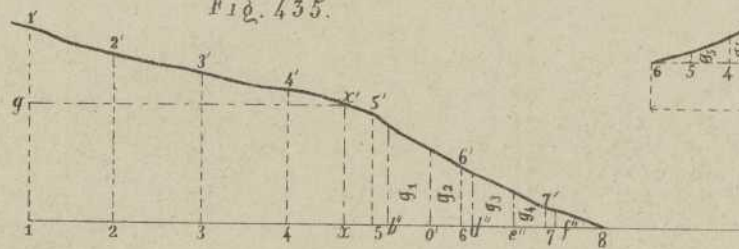
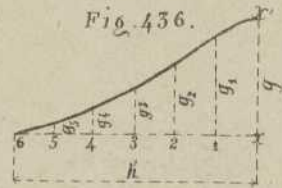


Fig. 436.



Cortes verticales por AB, CD, EF

Fig. 437.

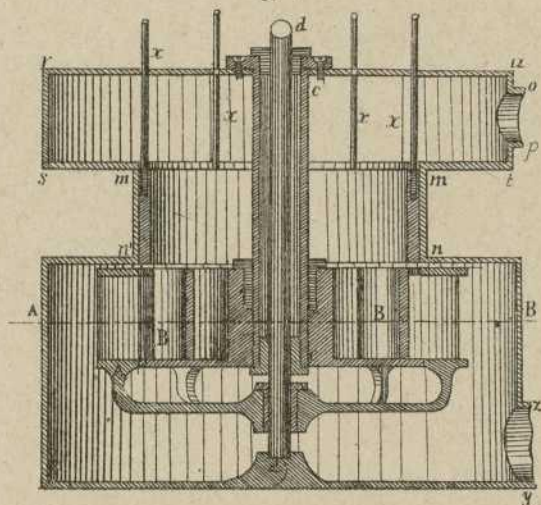


Fig. 438.

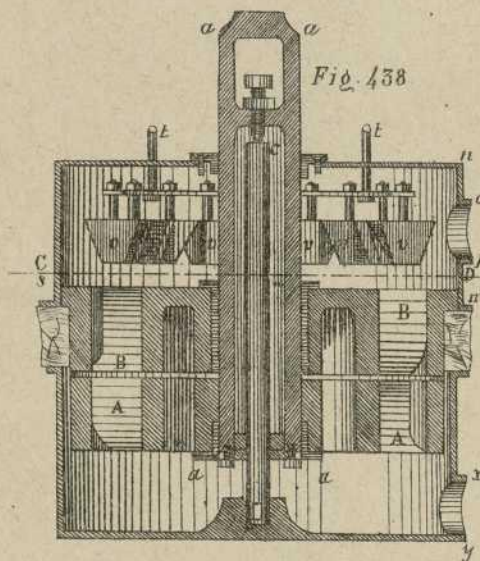
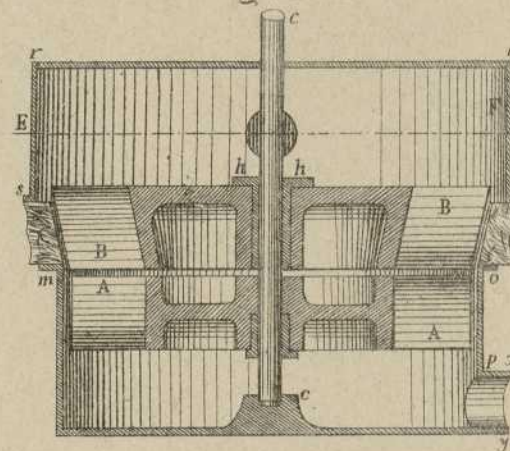
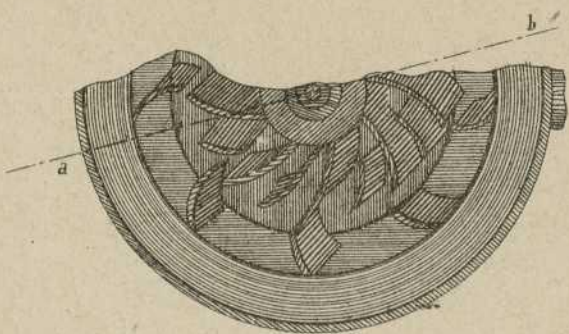


Fig. 439.

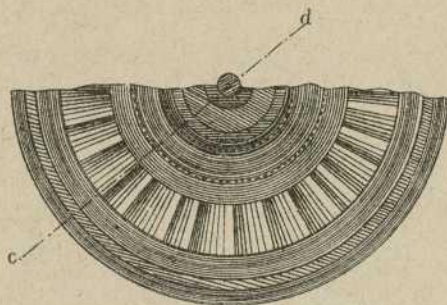


Semicortes de tres turbinas.

por AB.



por CD.



por EF.

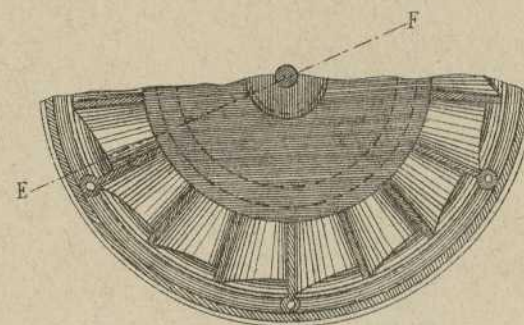


Fig. 440.

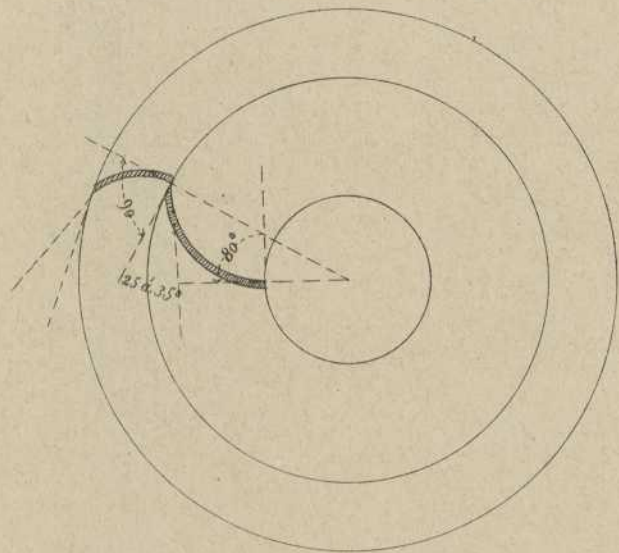


Fig. 441.

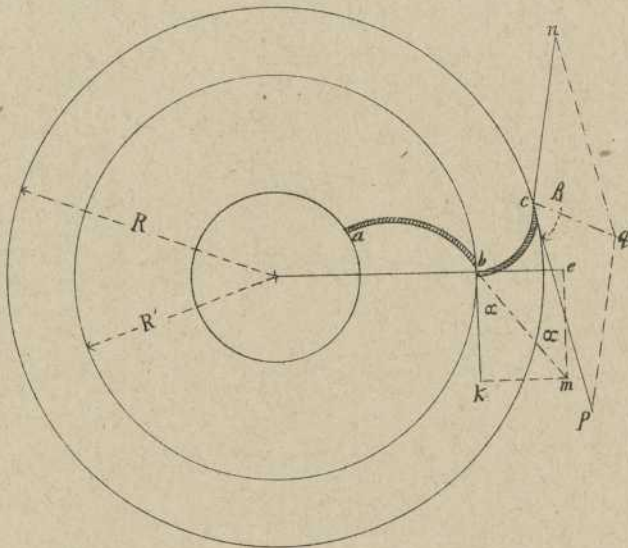


Fig. 446.

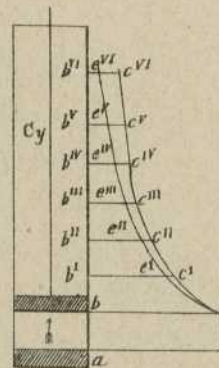


Fig. 448.

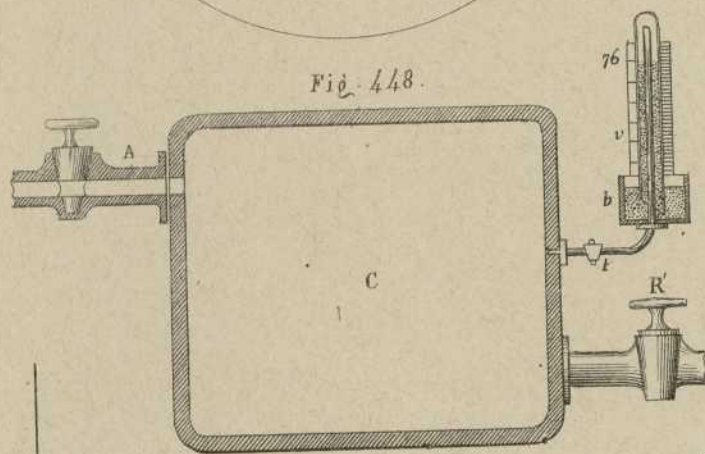


Fig. 444.

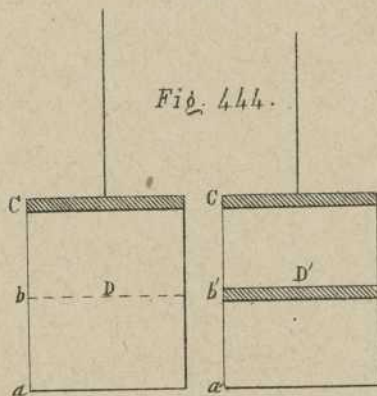


Fig. 447.



Fig. 445.

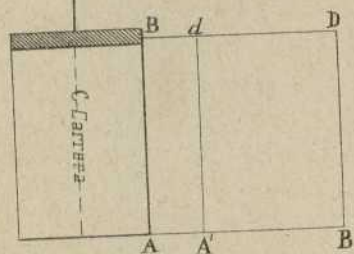


Fig. 443.

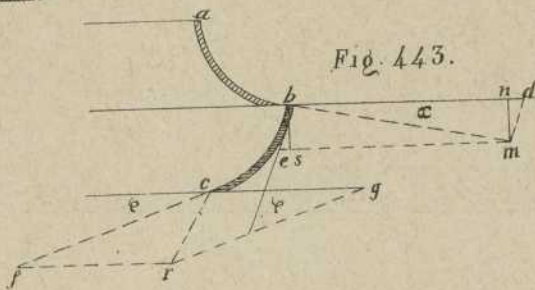


Fig. 442.

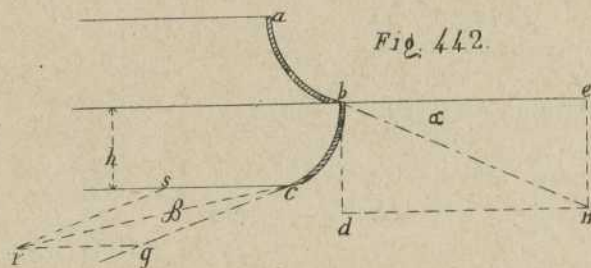


Fig. 449

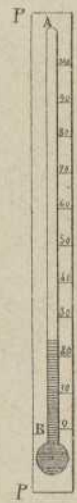


Fig. 450.

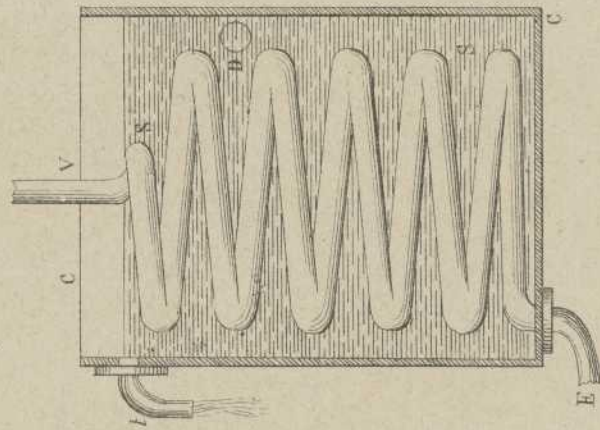


Fig. 452.

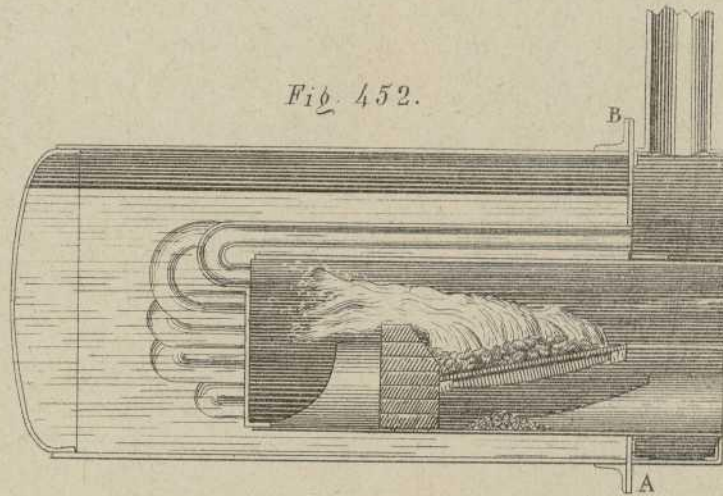
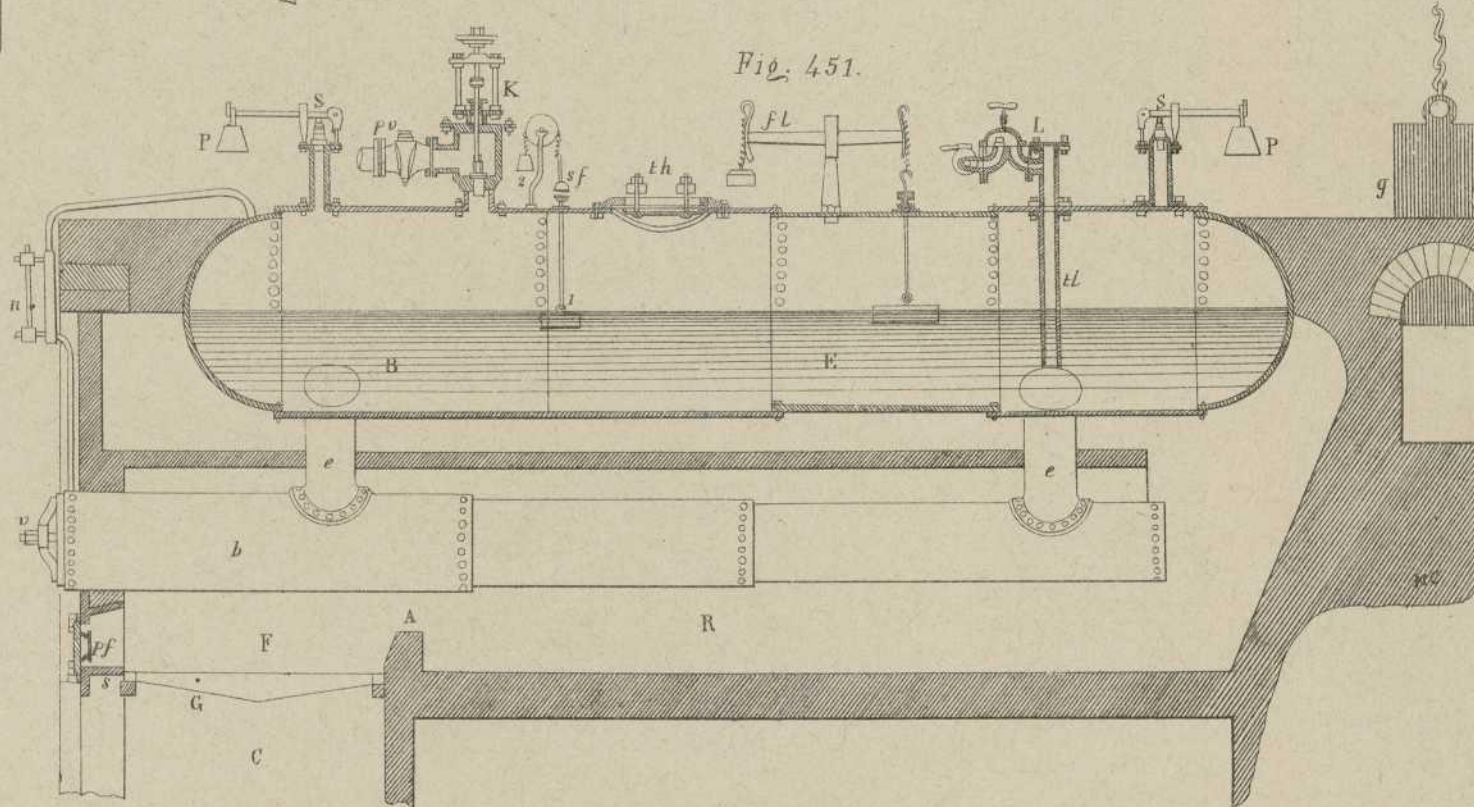


Fig. 451.



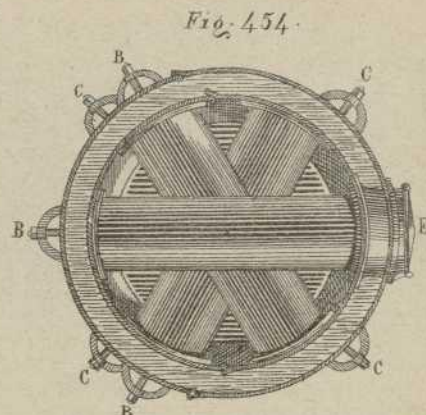
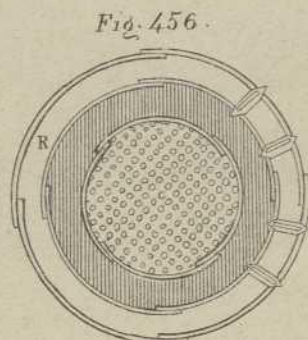
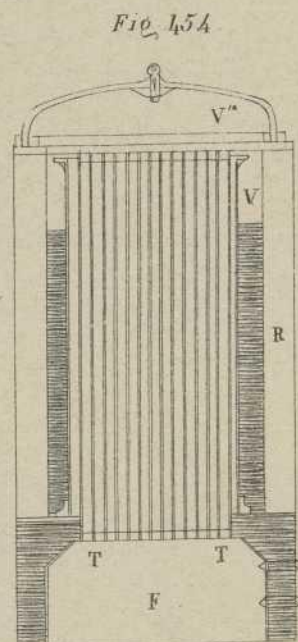
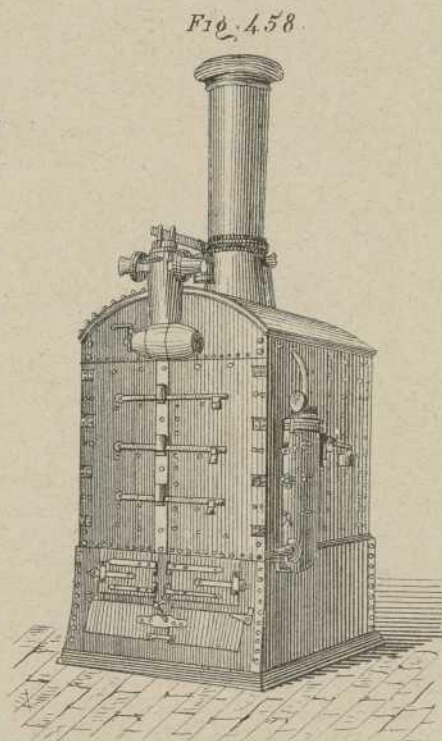
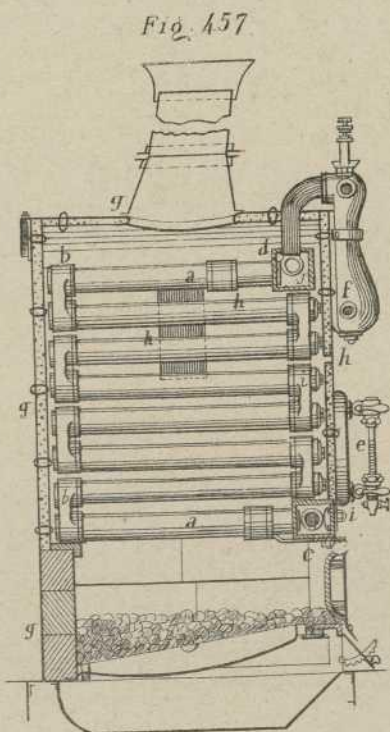
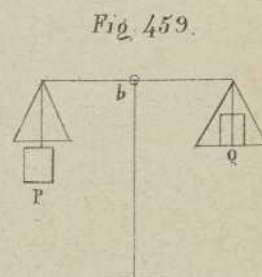
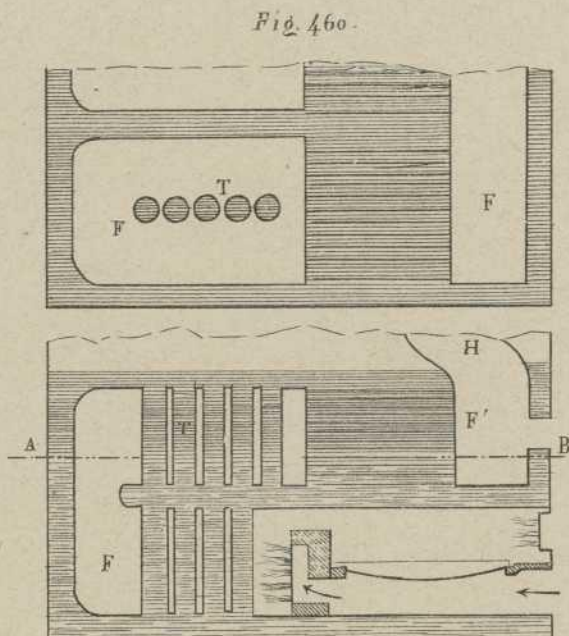
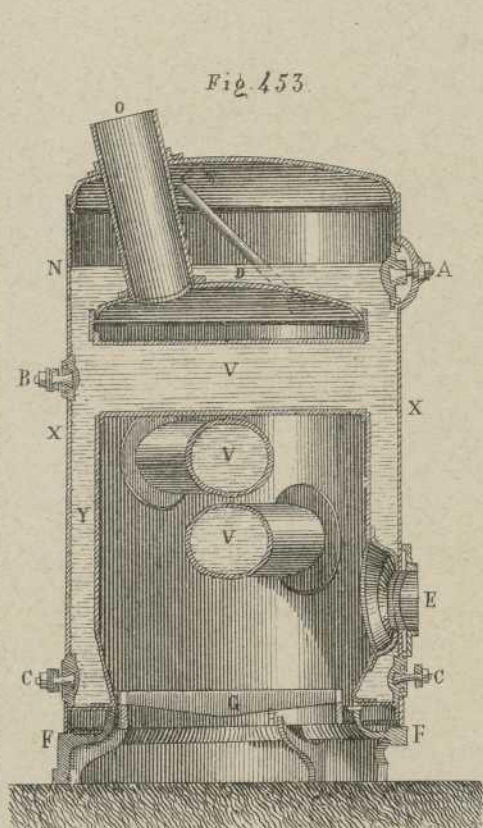


Fig. 461.

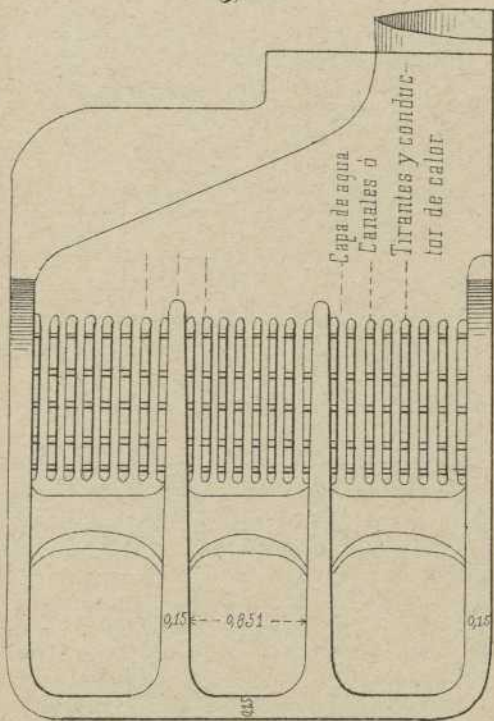


Fig. 466.

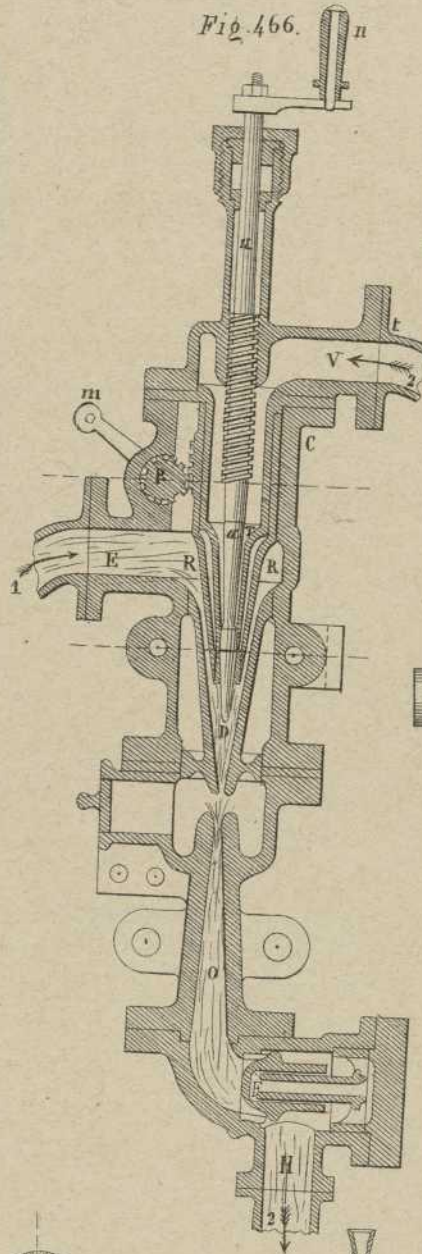


Fig. 462.

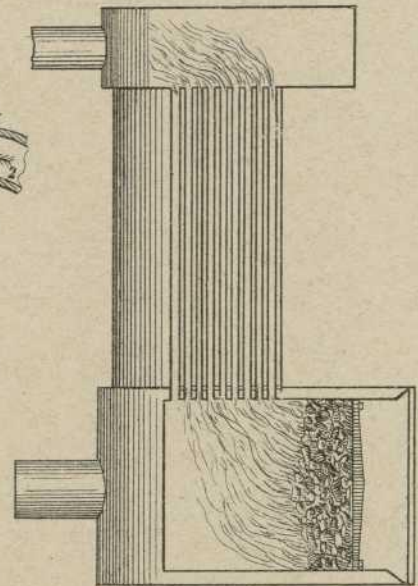


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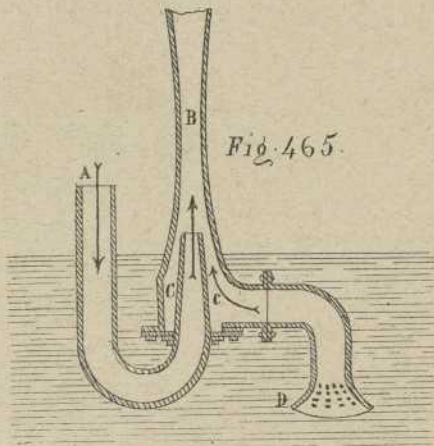


Fig. 464.

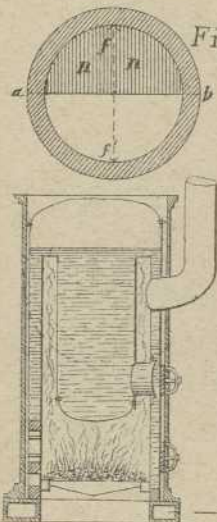


Fig. 463.

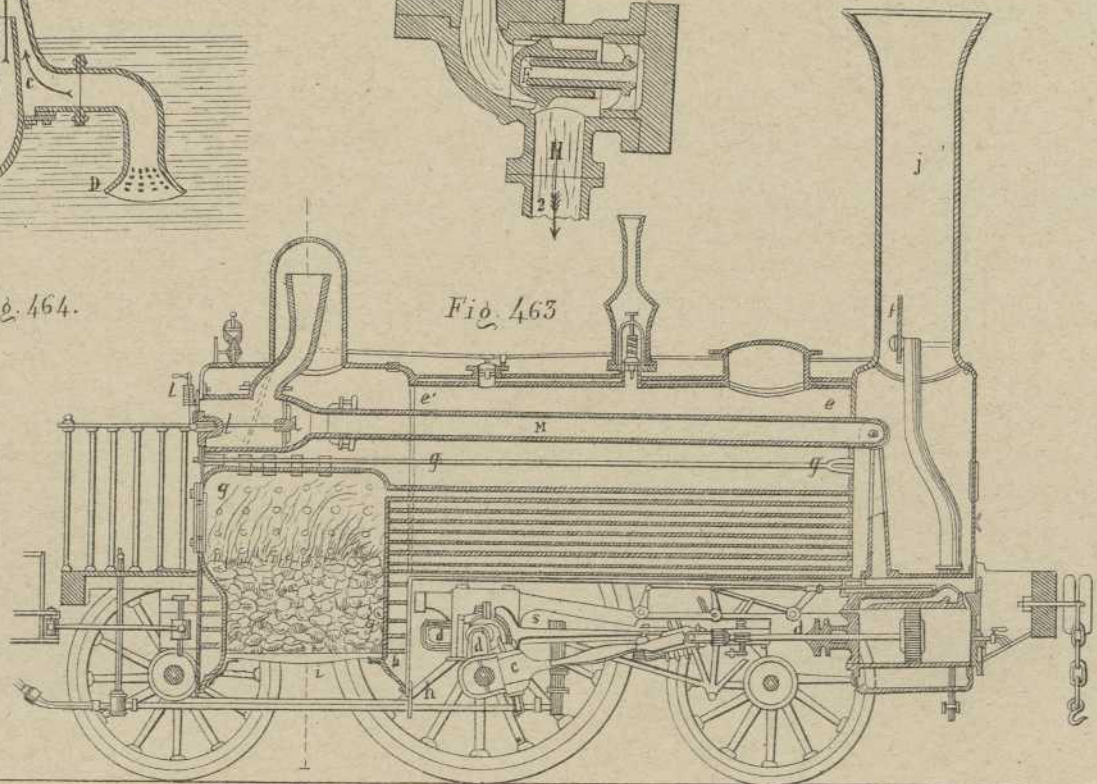


Fig 467

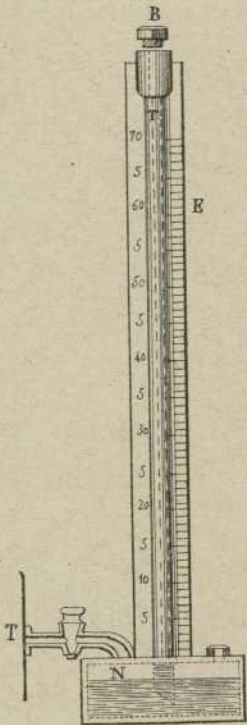


Fig 468

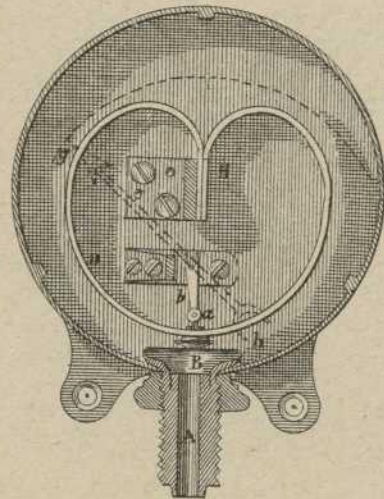
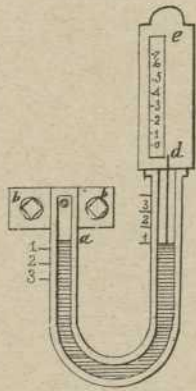


Fig 470

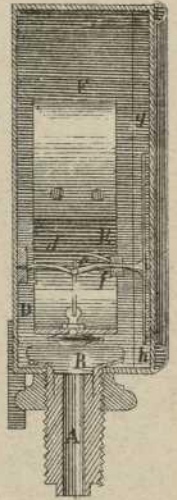


Fig 471

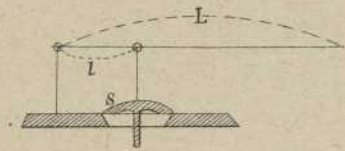


Fig 472

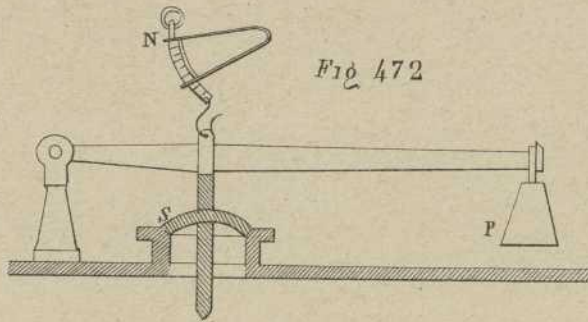


Fig 469

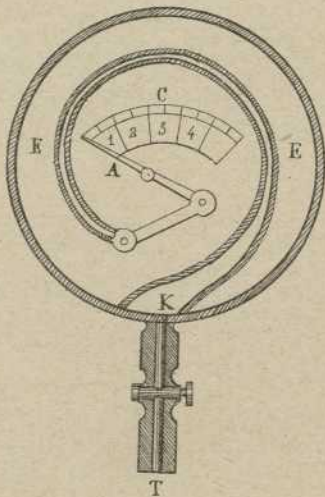


Fig 473

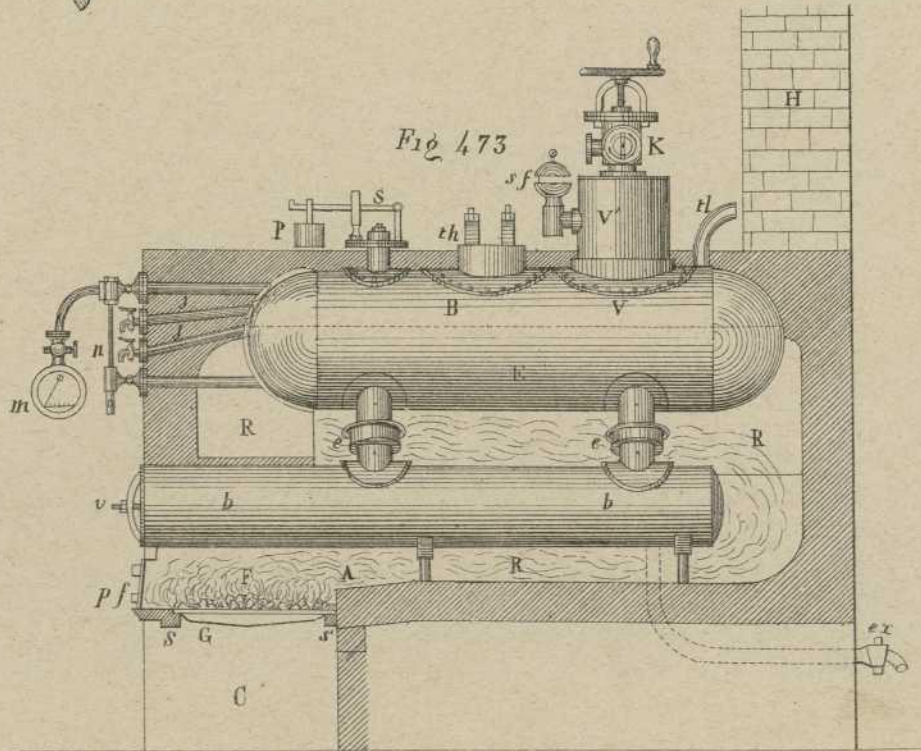


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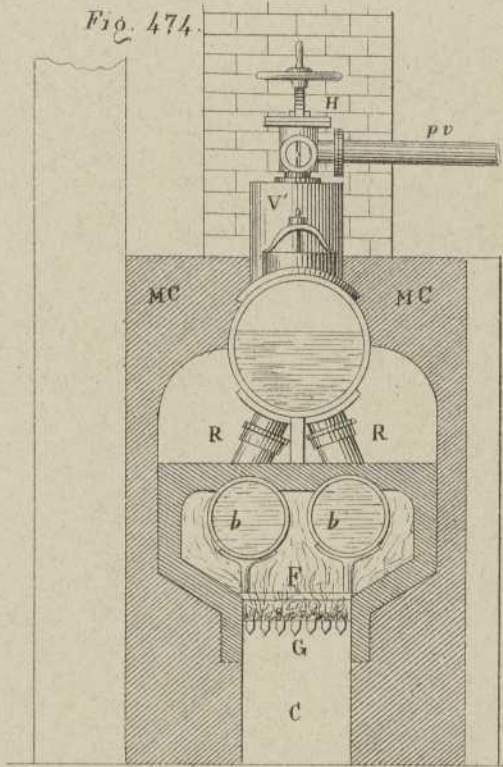


Fig. 475.



Fig. 476.

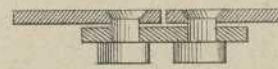


Fig. 479.

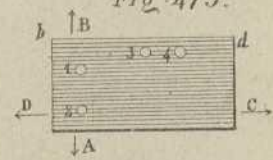


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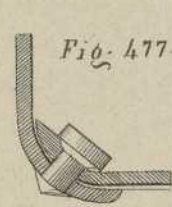


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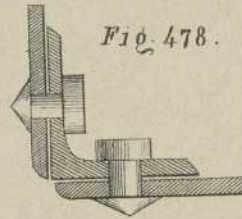


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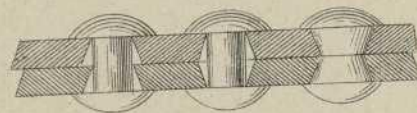


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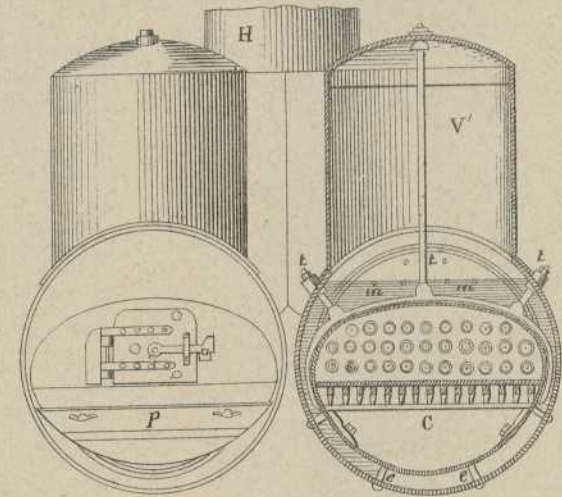


Fig. 483.

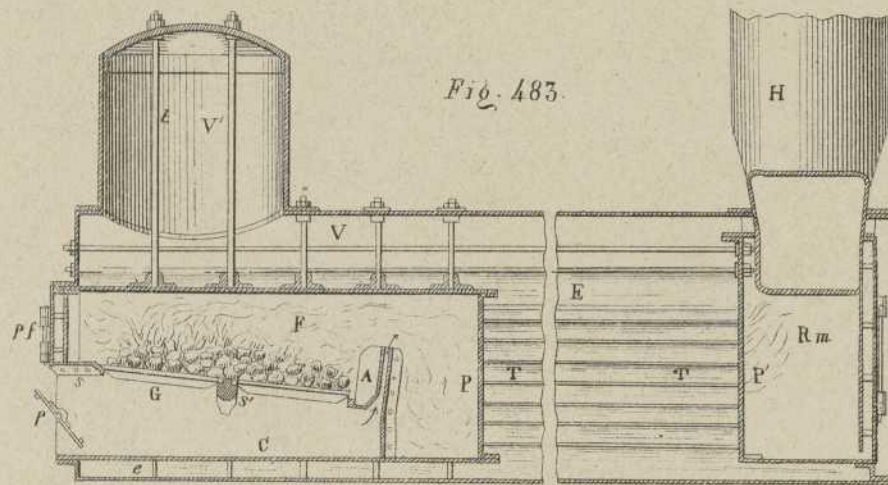
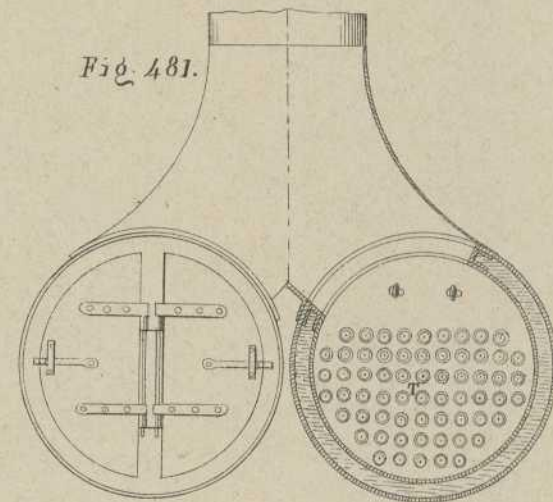
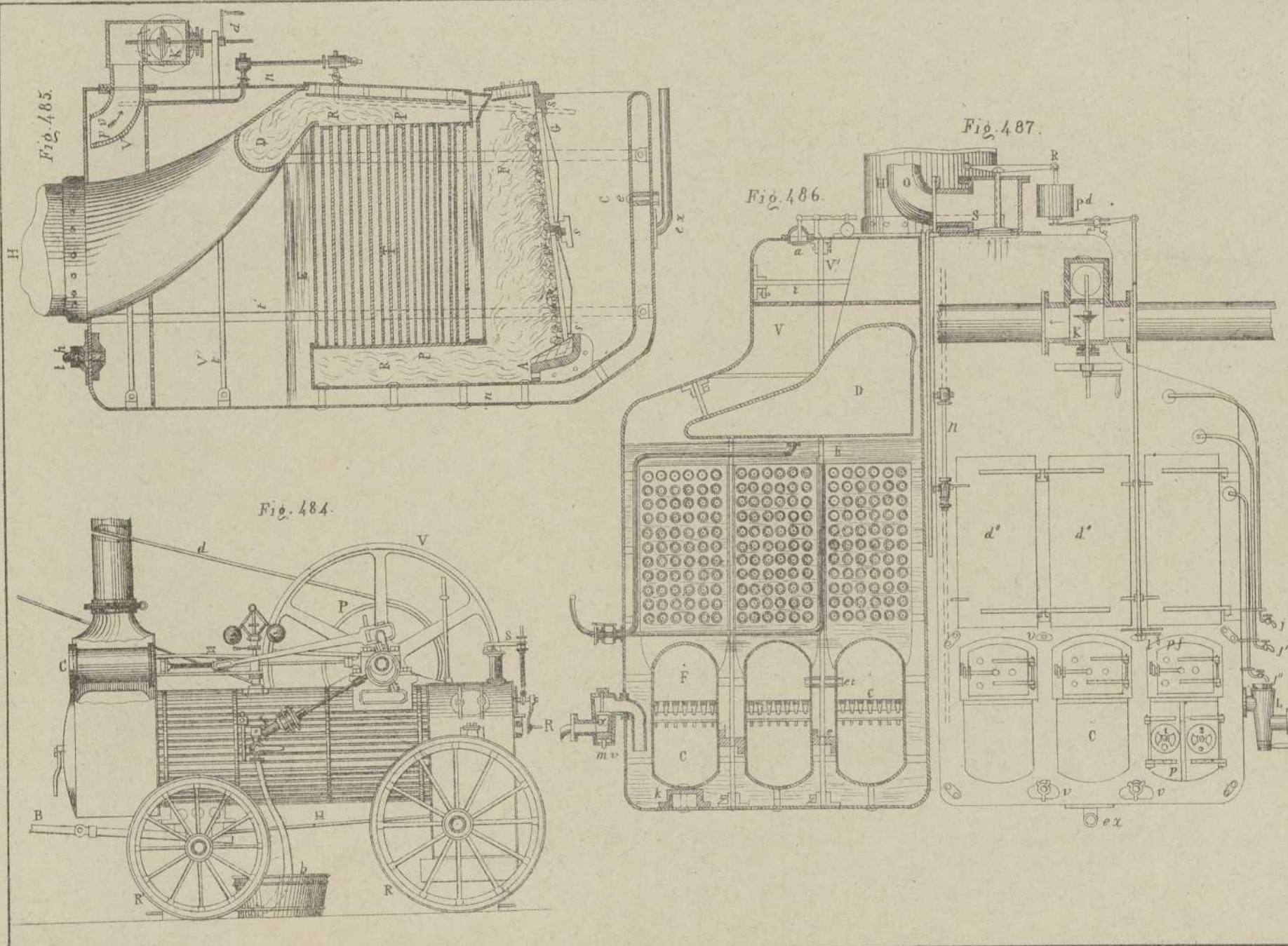
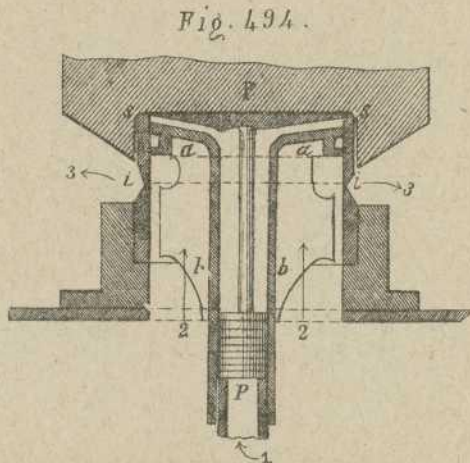
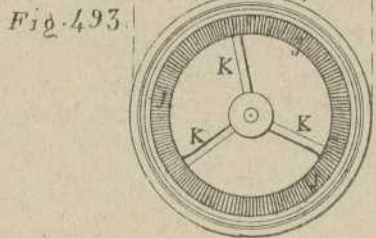
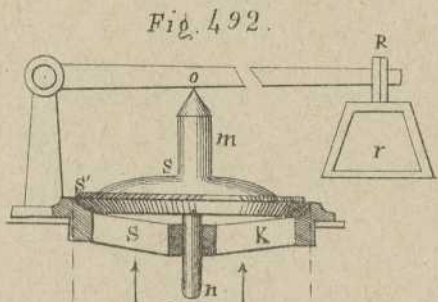
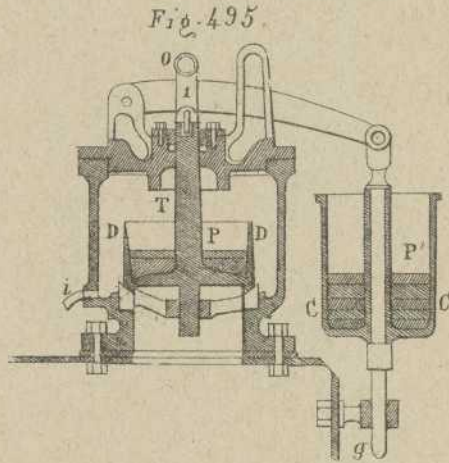
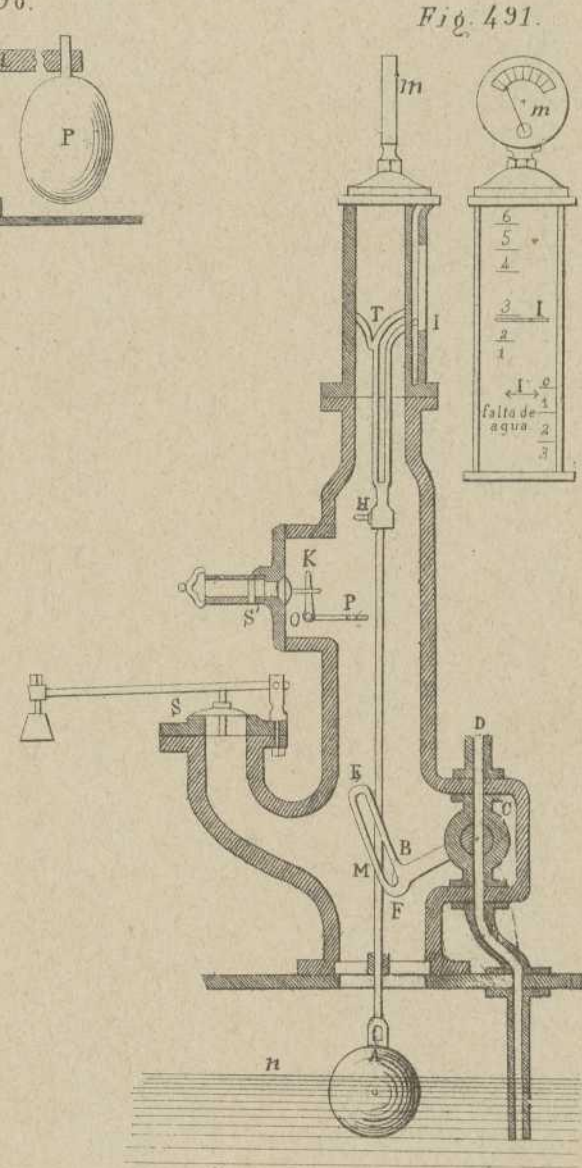
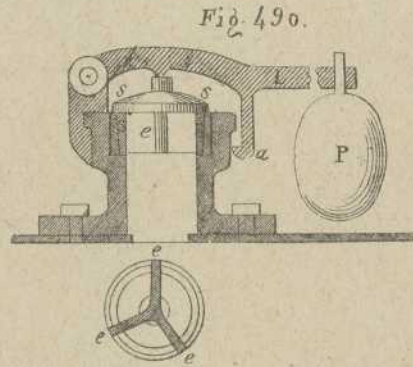
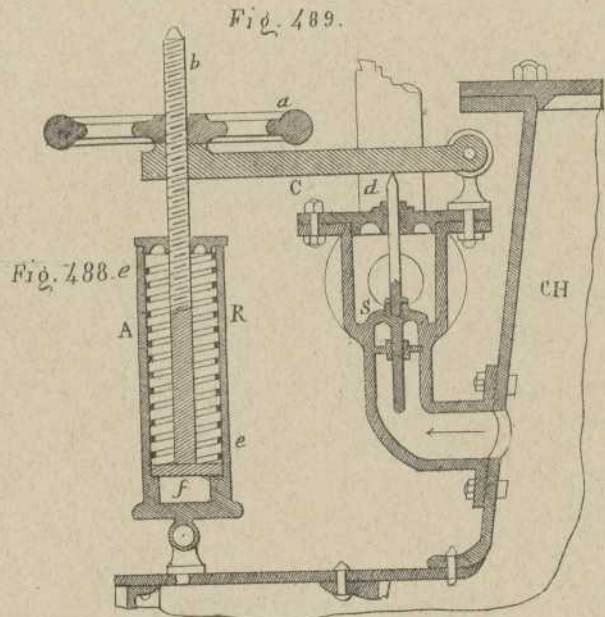


Fig. 481.







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Fig. 496.

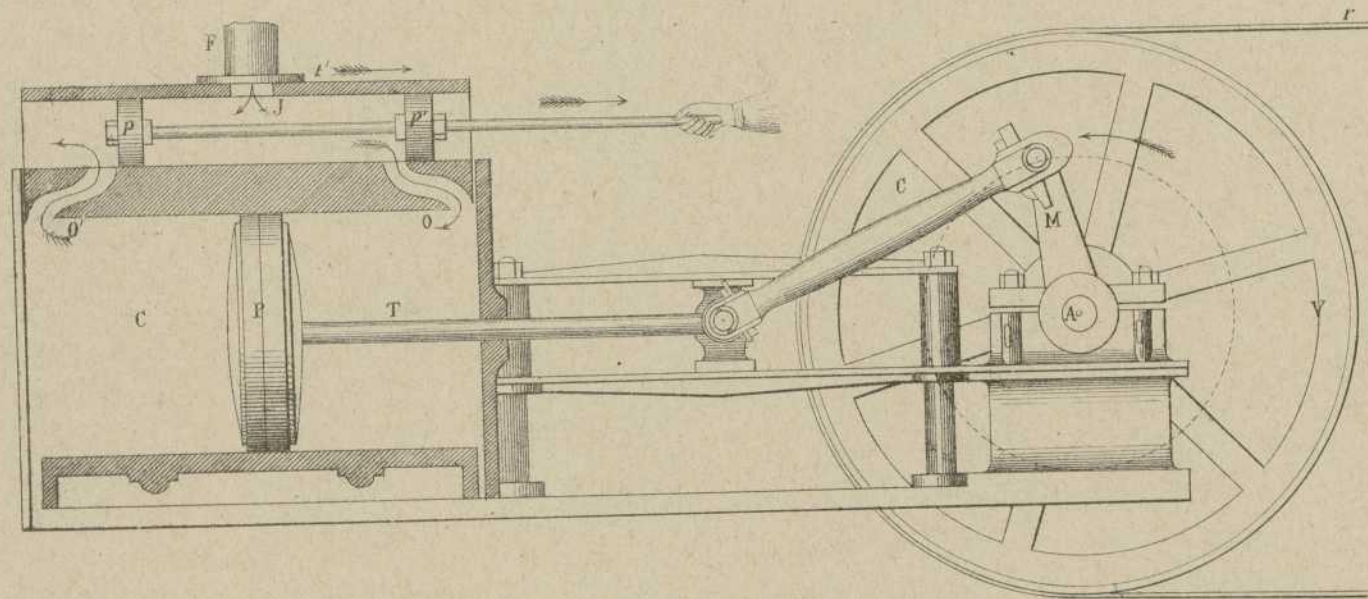


Fig. 497.

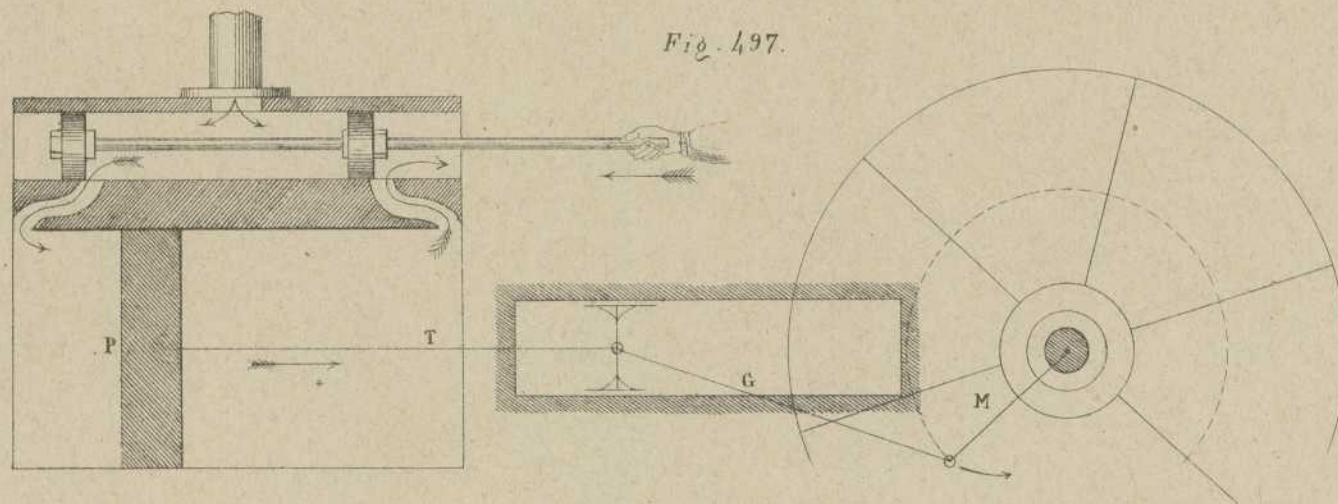


Fig. 498.

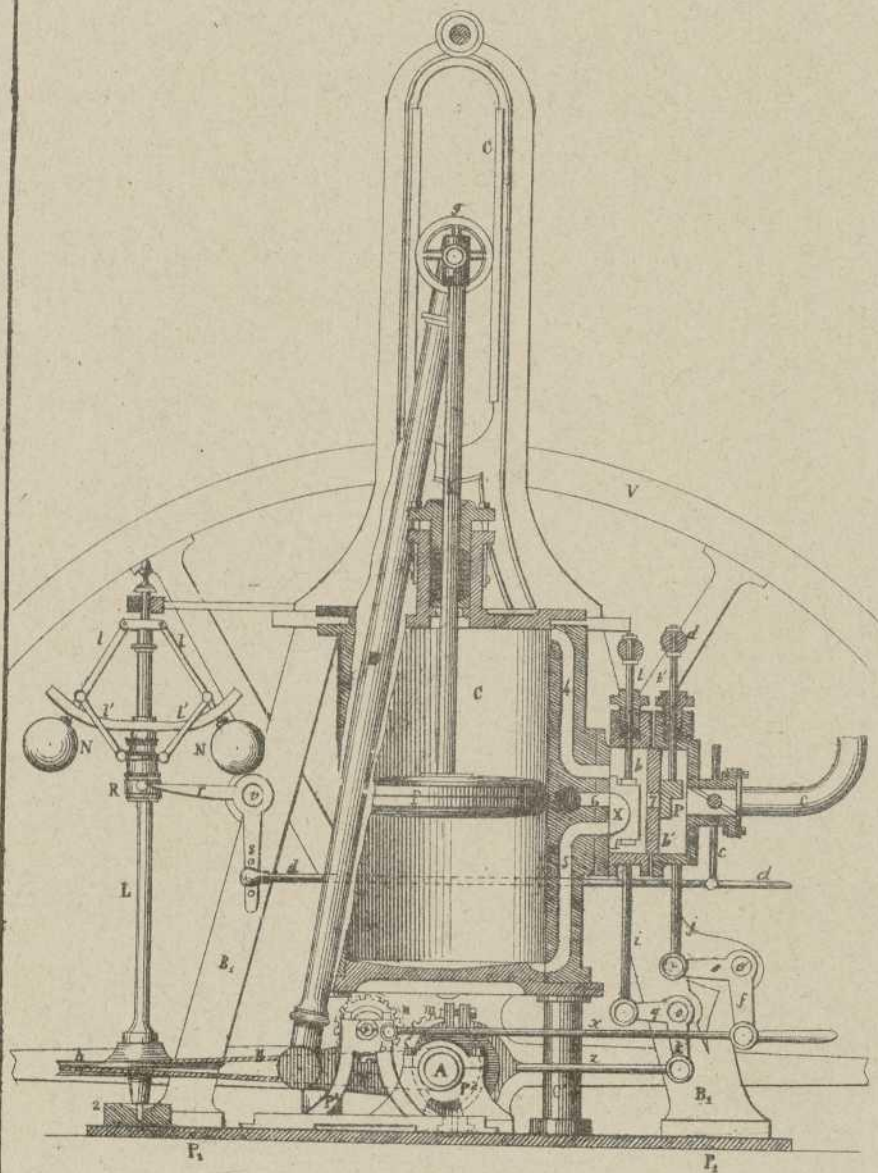


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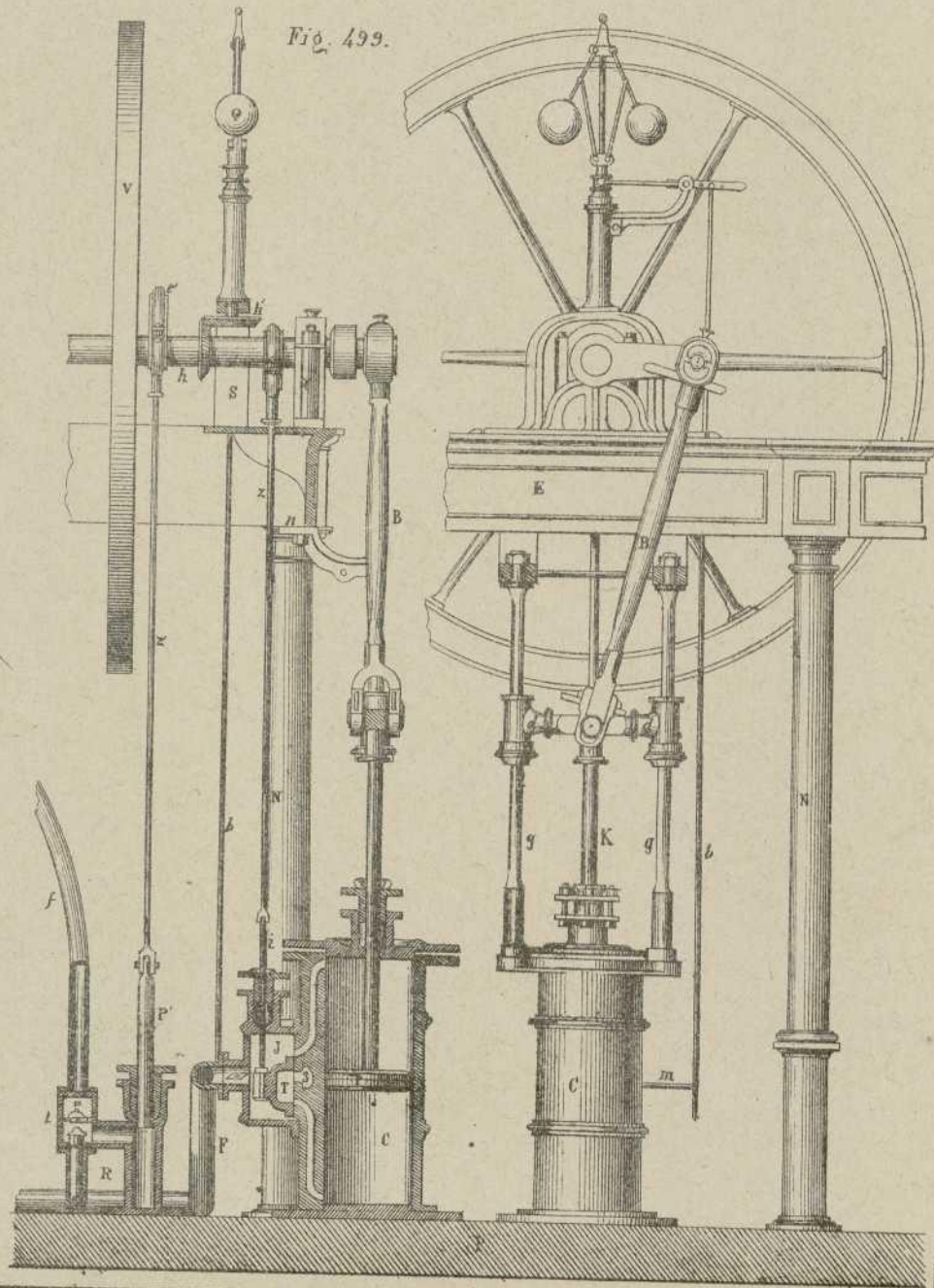
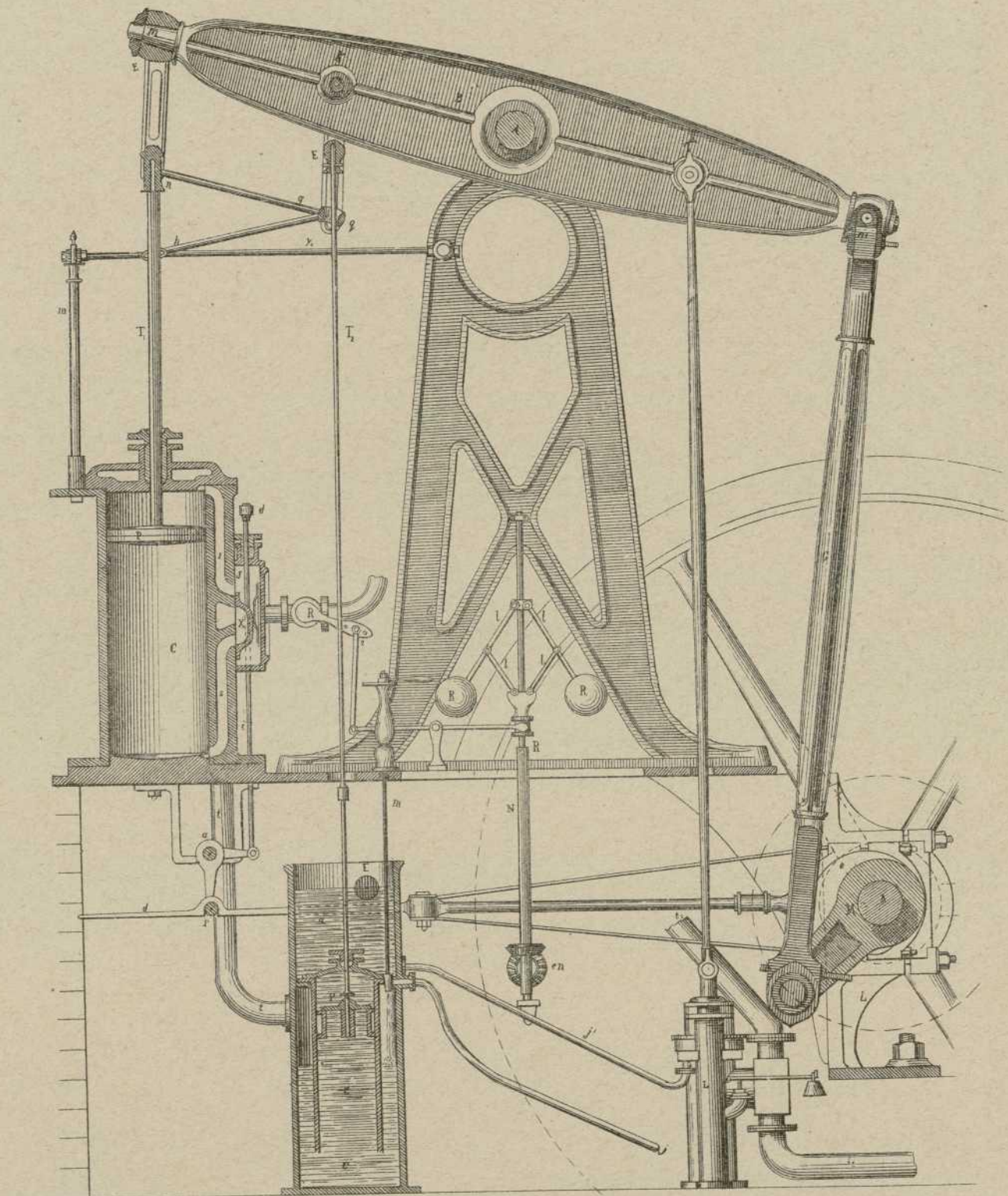


Fig. 500.



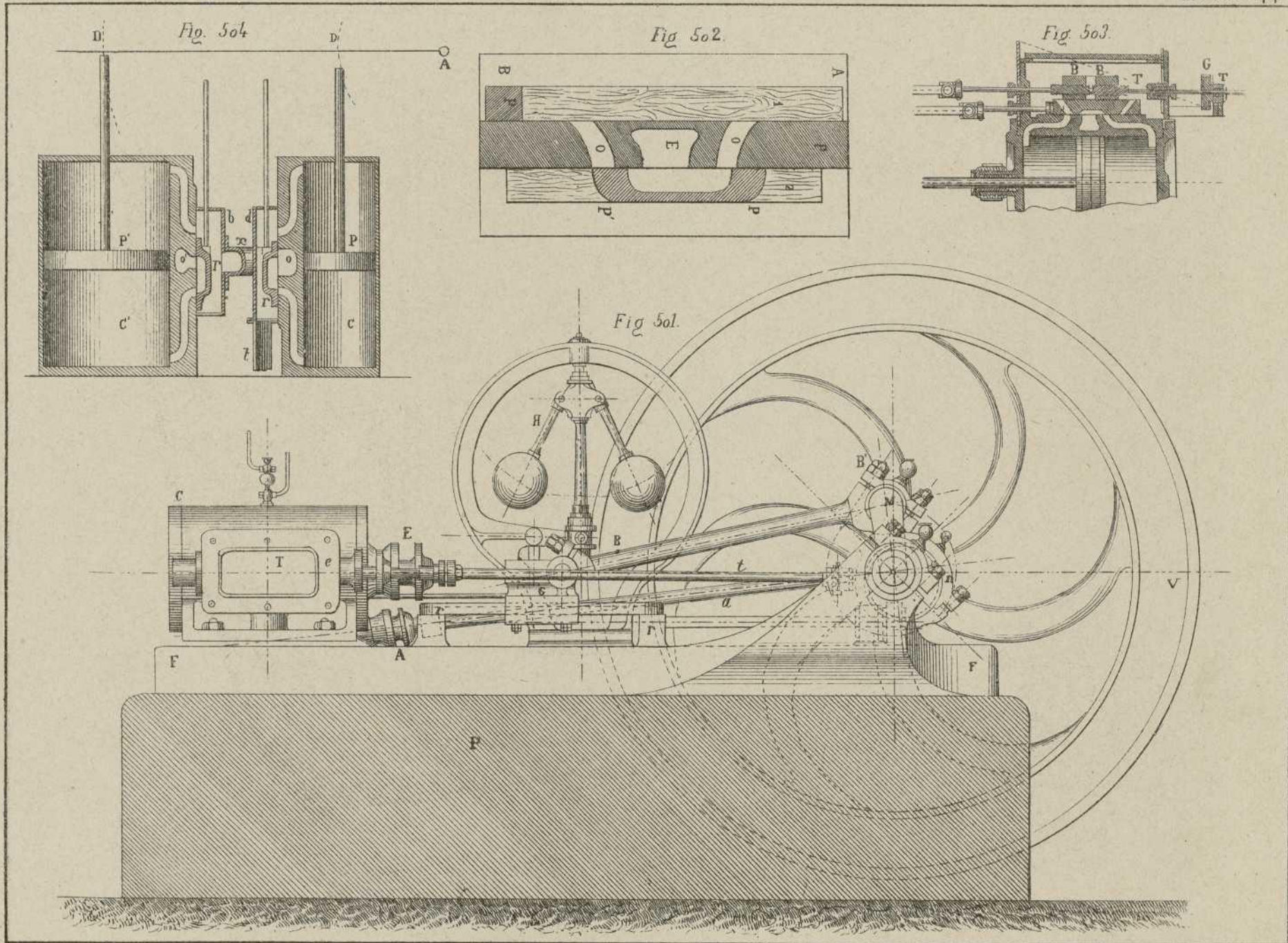


Fig 505.

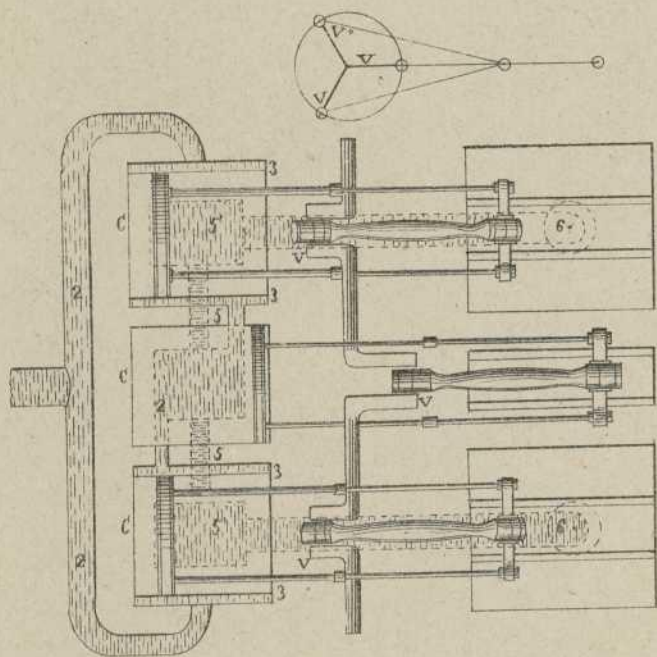


Fig 508.

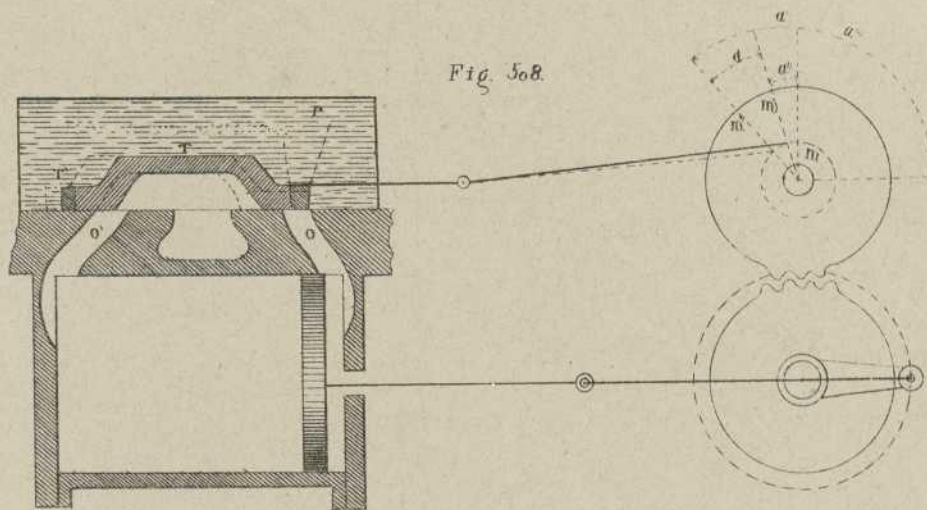


Fig 506.

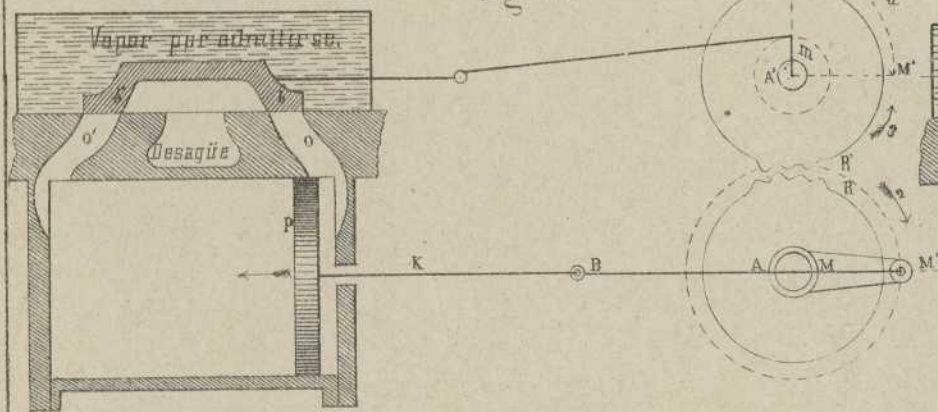
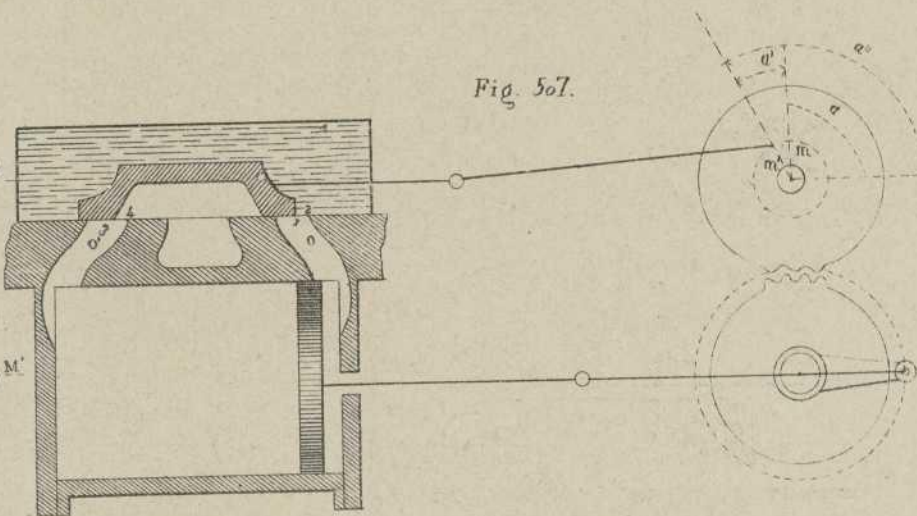


Fig 507.



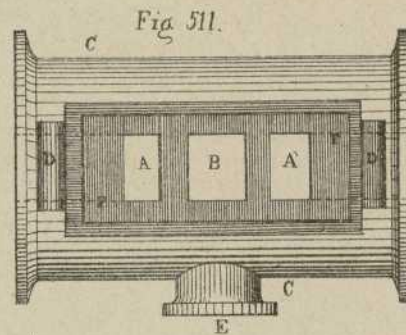
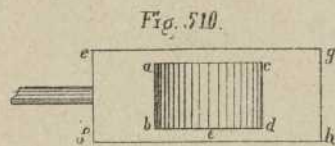
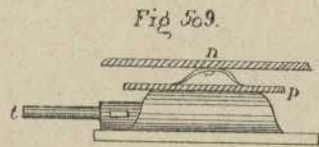


Fig. 520.

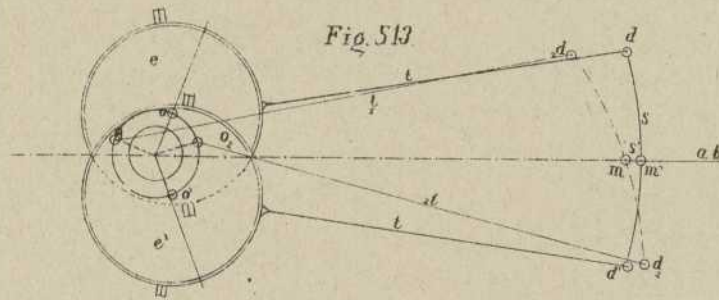
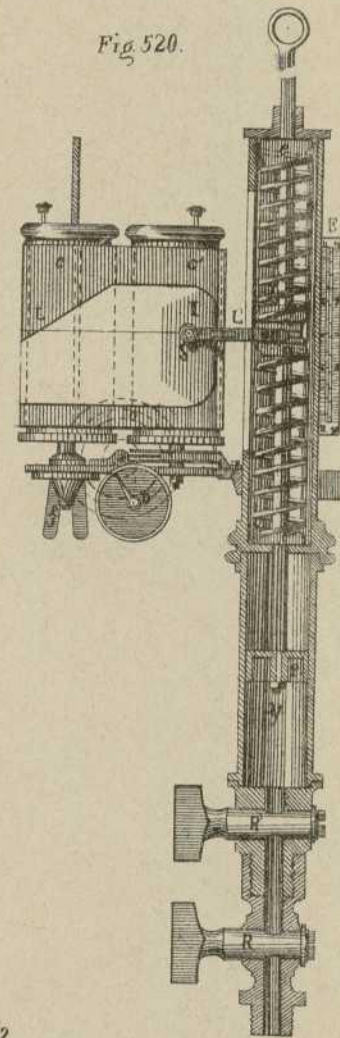


Fig. 514.

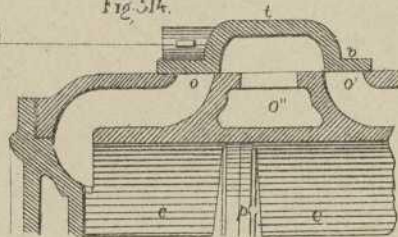


Fig. 518.

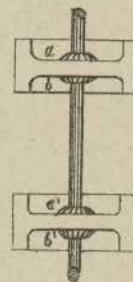


Fig. 515.

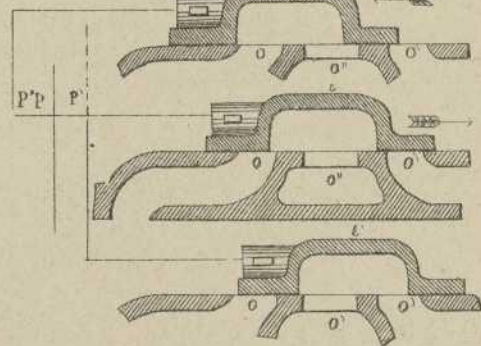
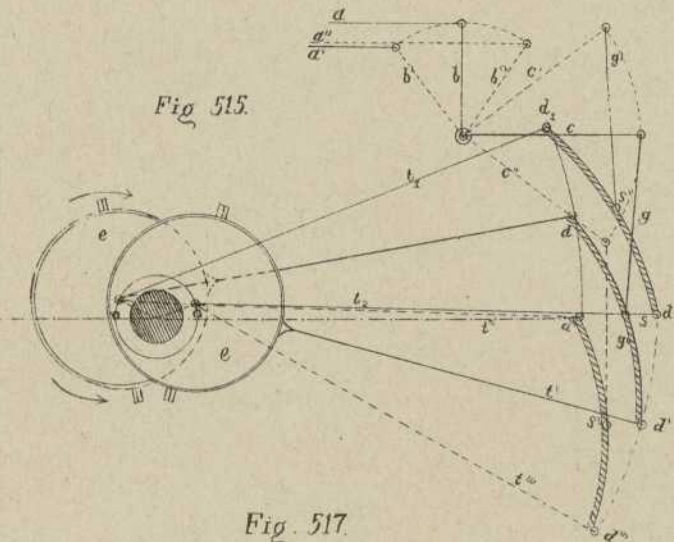


Fig. 516.

Fig. 519.



Fig. 517.

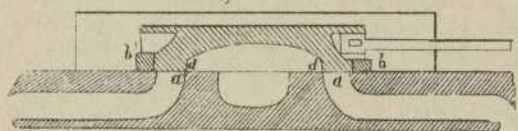


Fig. 512.

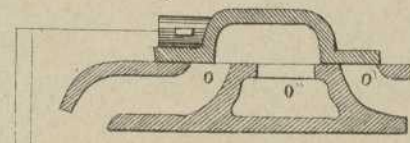


Fig. 521.

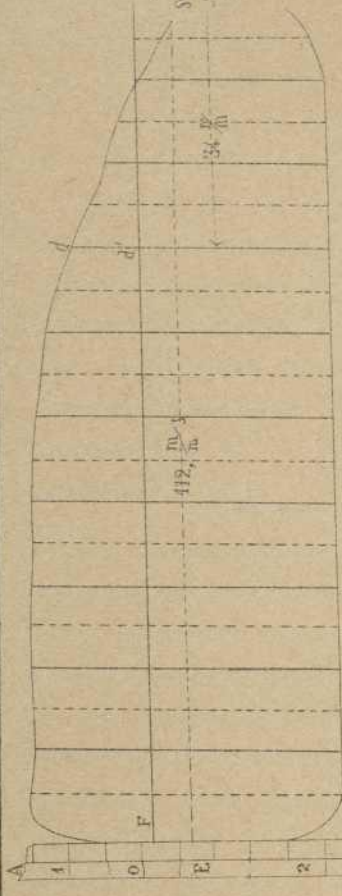


Fig. 522

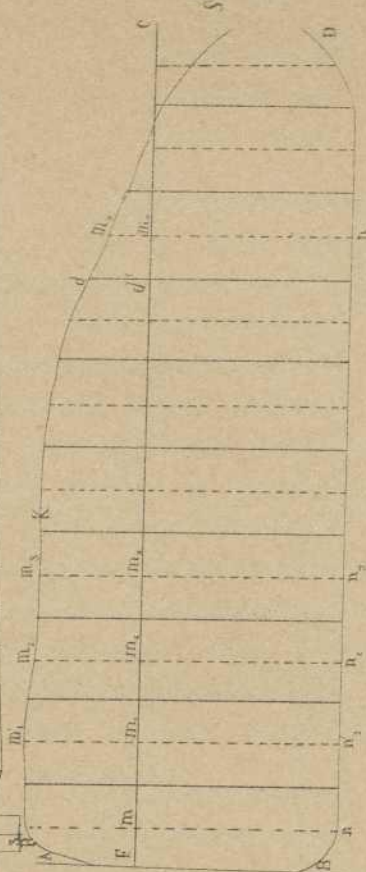
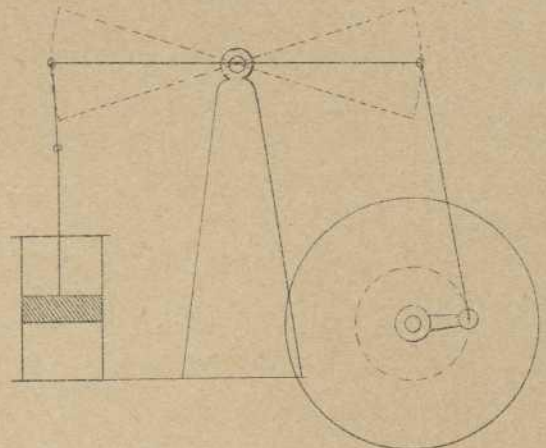
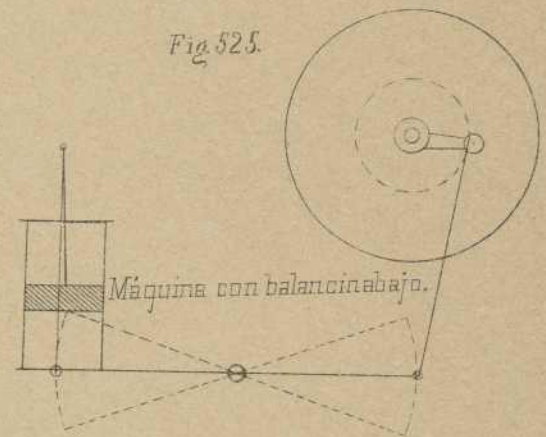


Fig. 524.



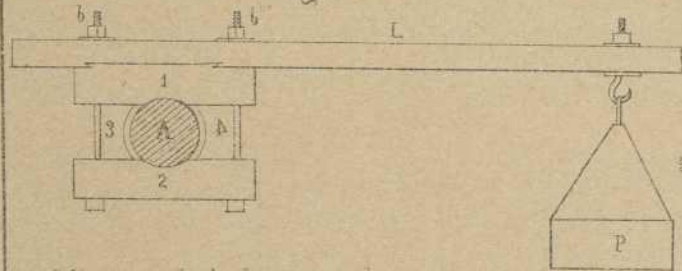
Máquina con balancin arriba.

Fig. 525.



Máquina con balancin abajo.

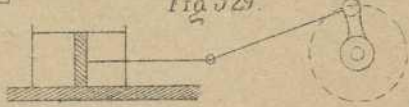
Fig. 523.



Máquina de biela en cuadro.

Máquina horizontal

Fig. 529.



Máquina de biela arriba

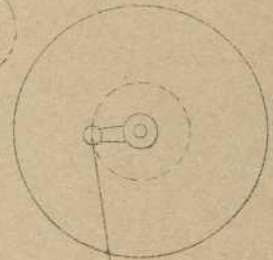


Fig. 530.

Máquina de martinete.

Máquina de bielas pendientes

Fig. 526.

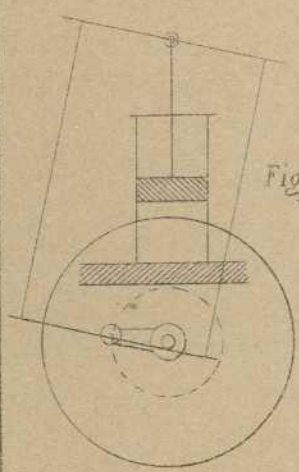


Fig. 527.

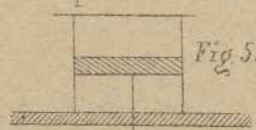


Fig. 528.

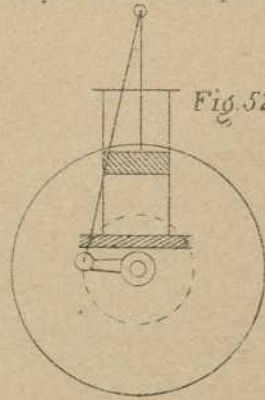


Fig. 532
Máquina de biela oscilante.

Fig. 531.
Máquina de biela barra ó de cilindro
oscilante.

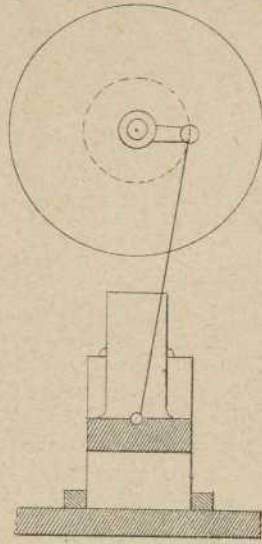
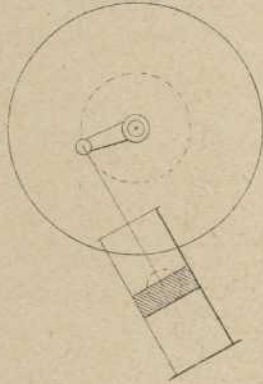


Fig. 533.

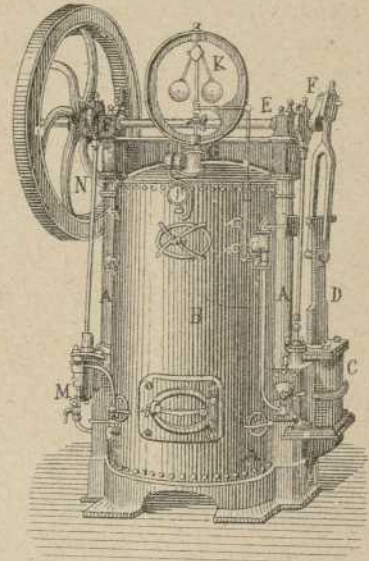


Fig. 534.

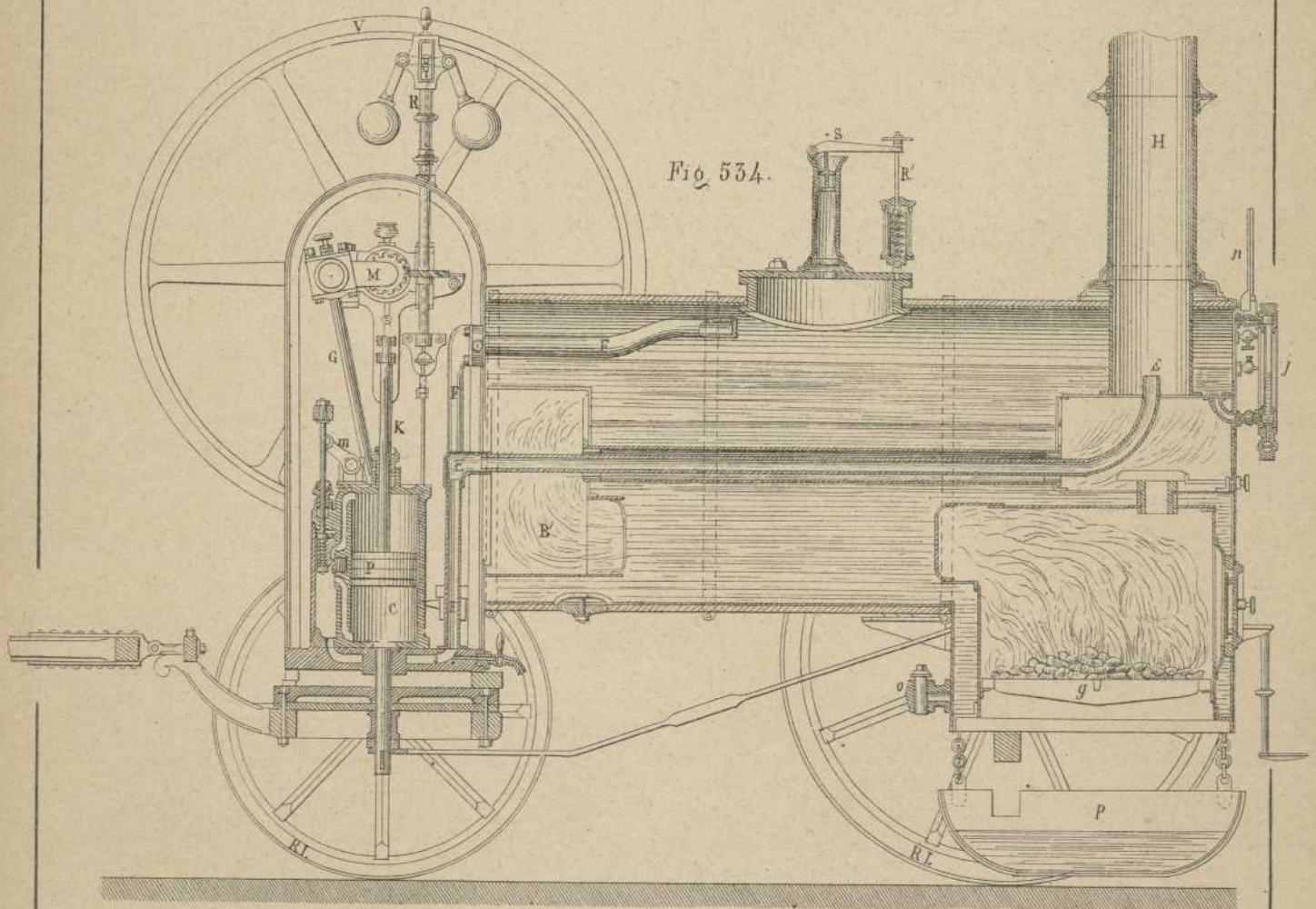


Fig. 535.

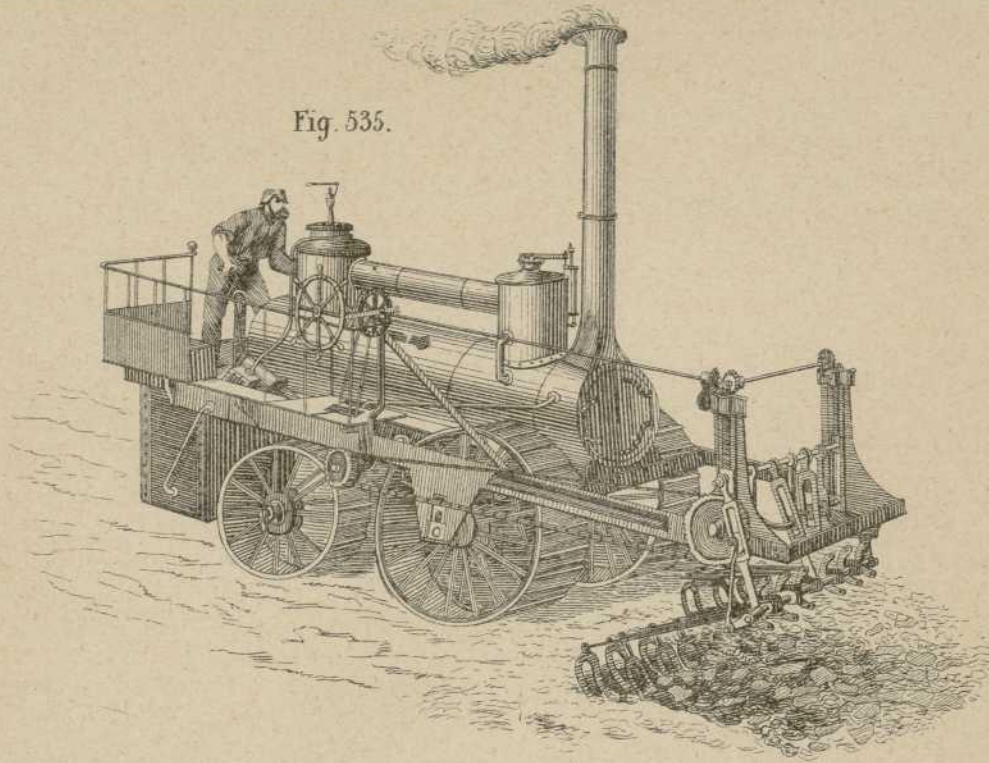


Fig. 536.

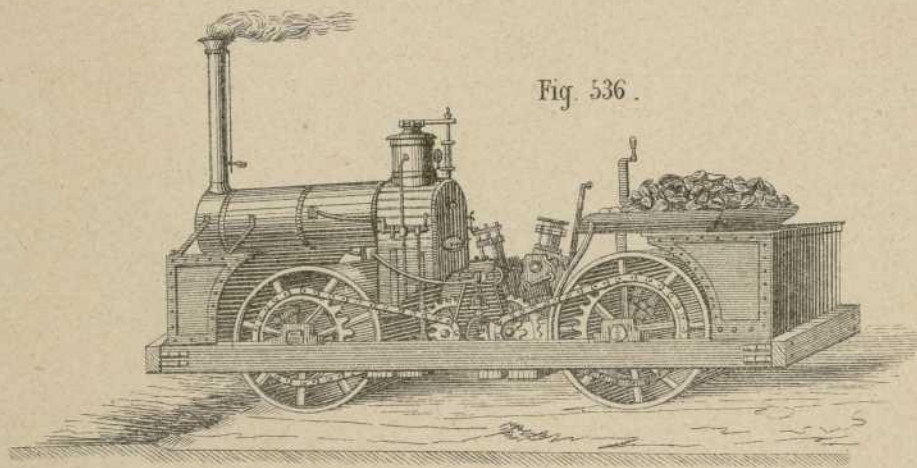
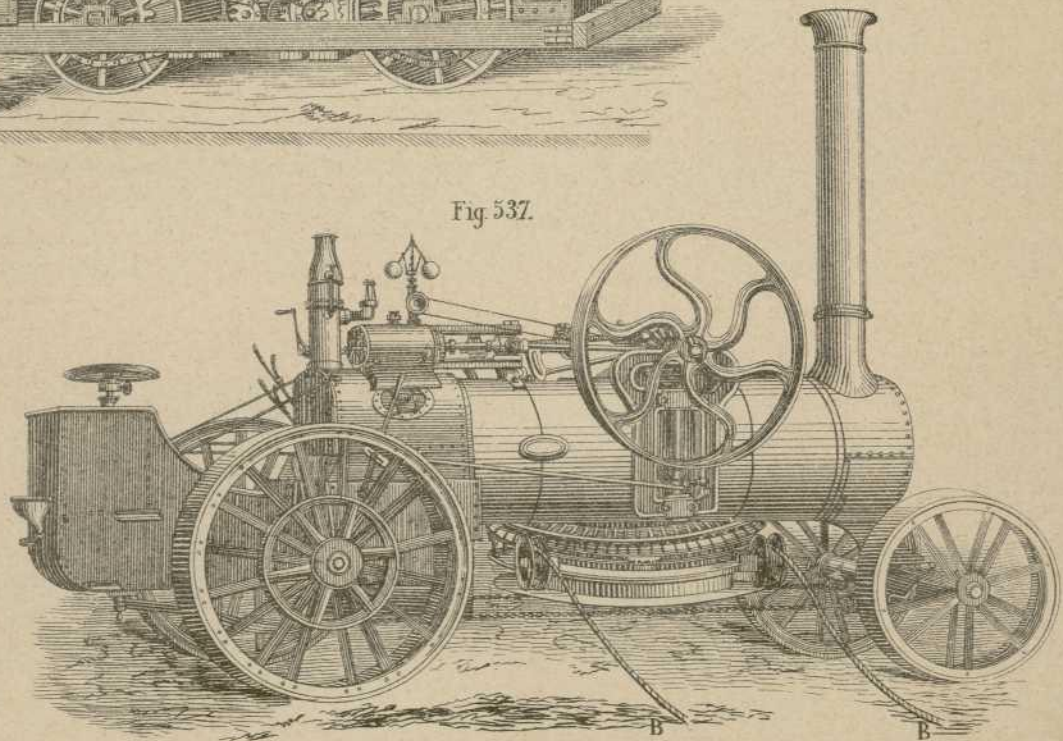
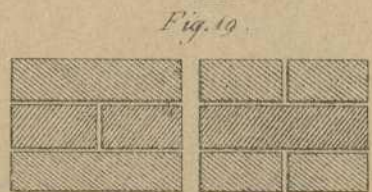
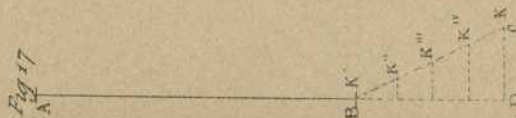
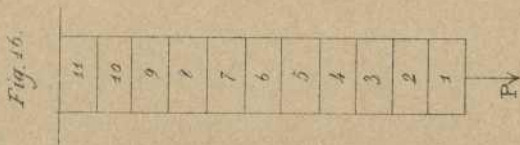
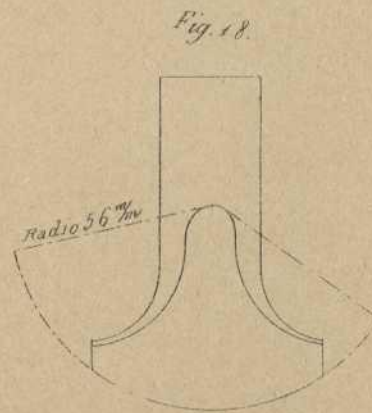
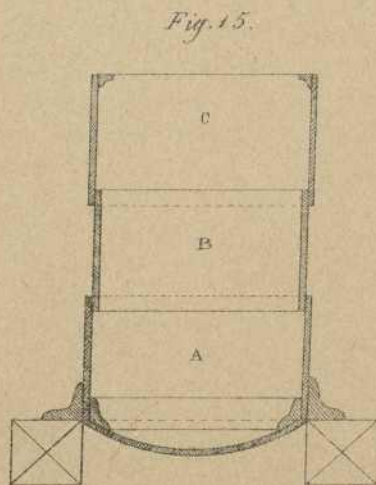
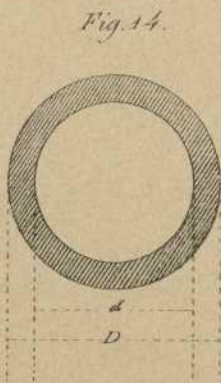
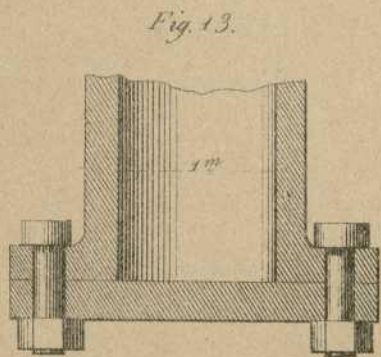
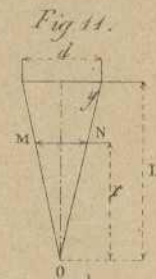
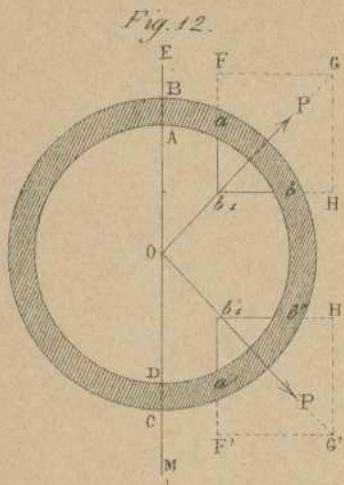
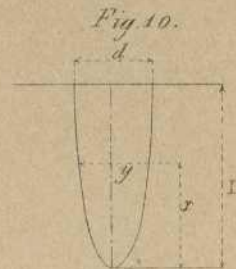


Fig. 537.





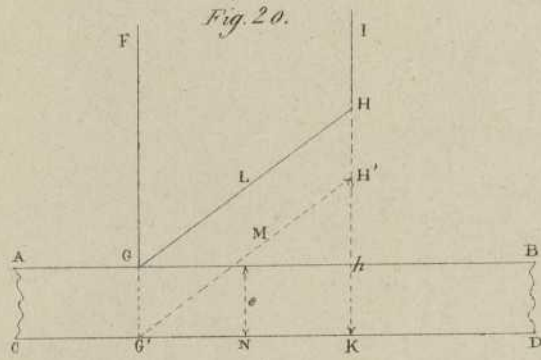


Fig. 20.

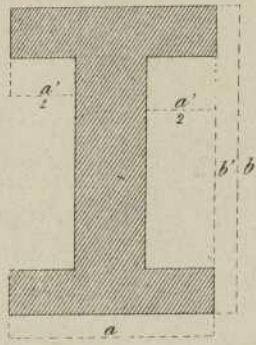


Fig. 21.

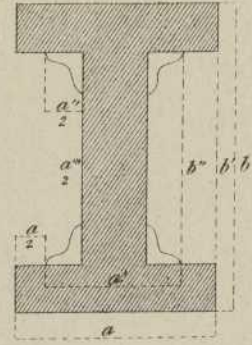


Fig. 22.

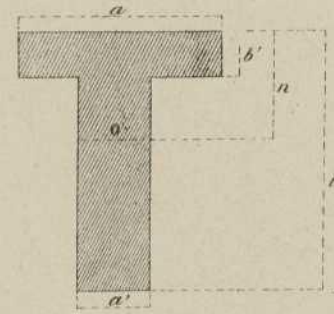


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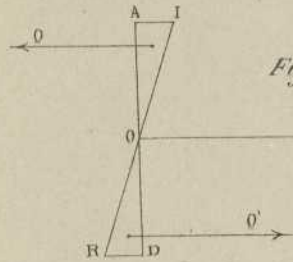


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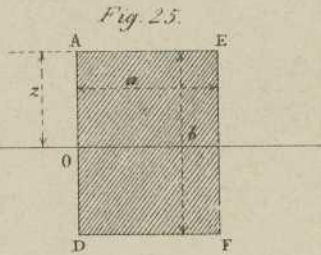


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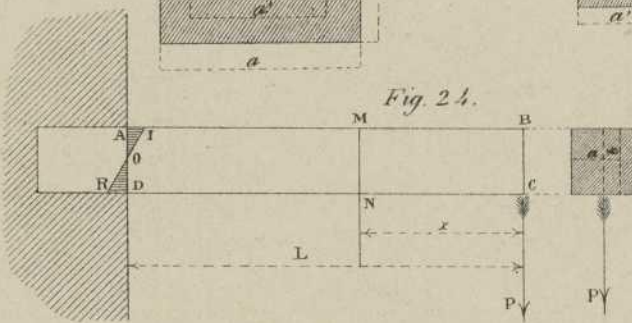


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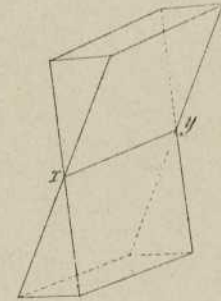


Fig. 27.

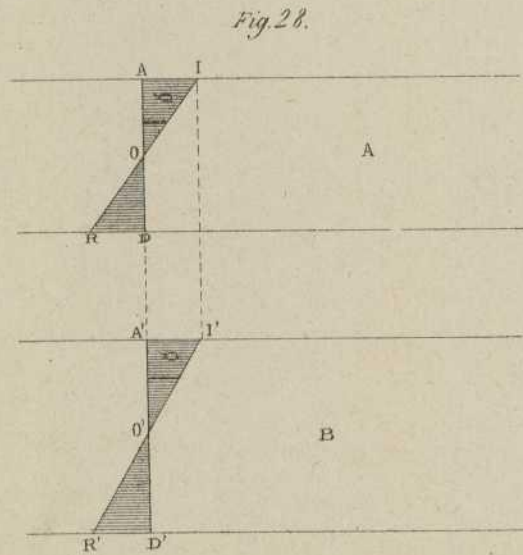


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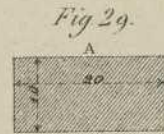


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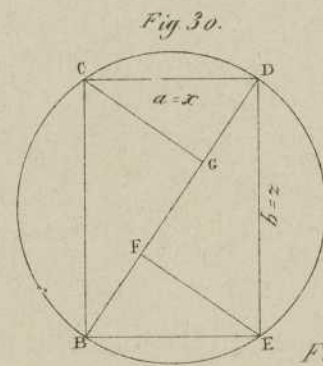
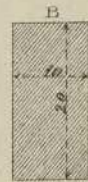


Fig. 30.

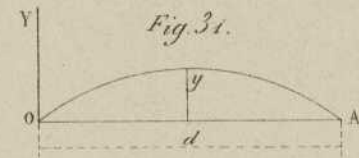


Fig. 31.

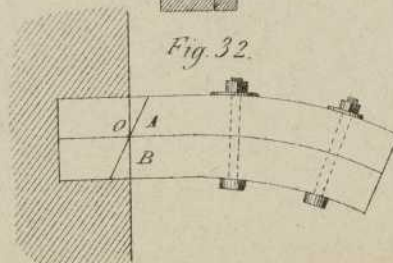


Fig. 32.

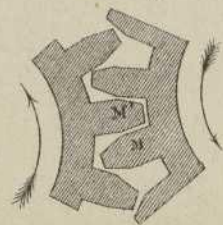


Fig. 34.

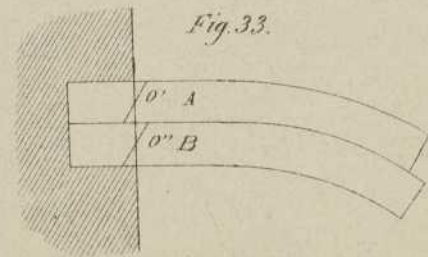


Fig. 33.

Fig. 1.

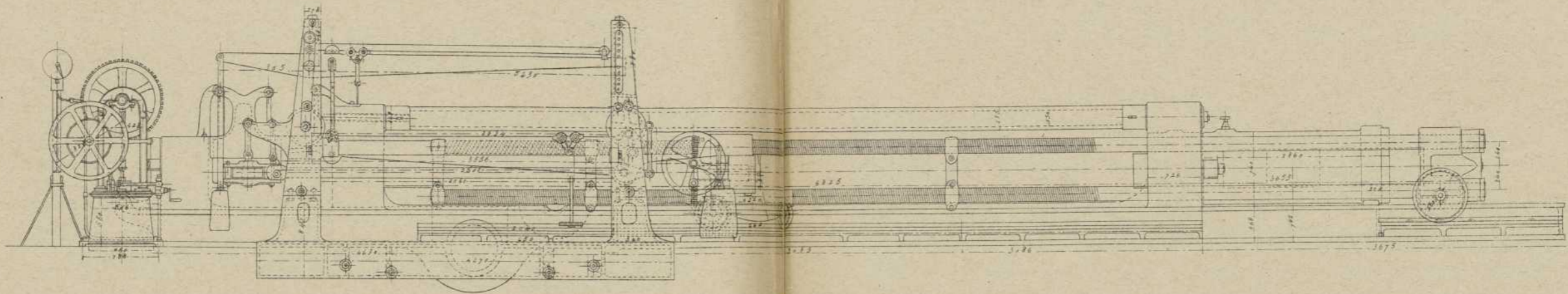
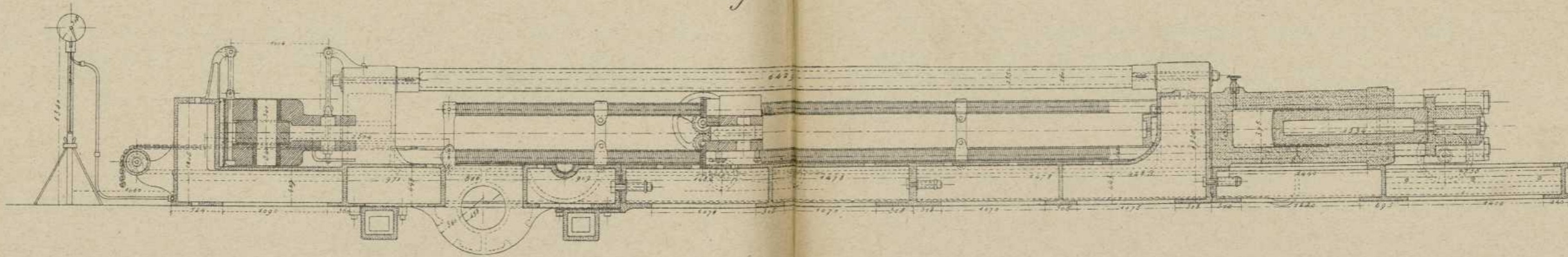
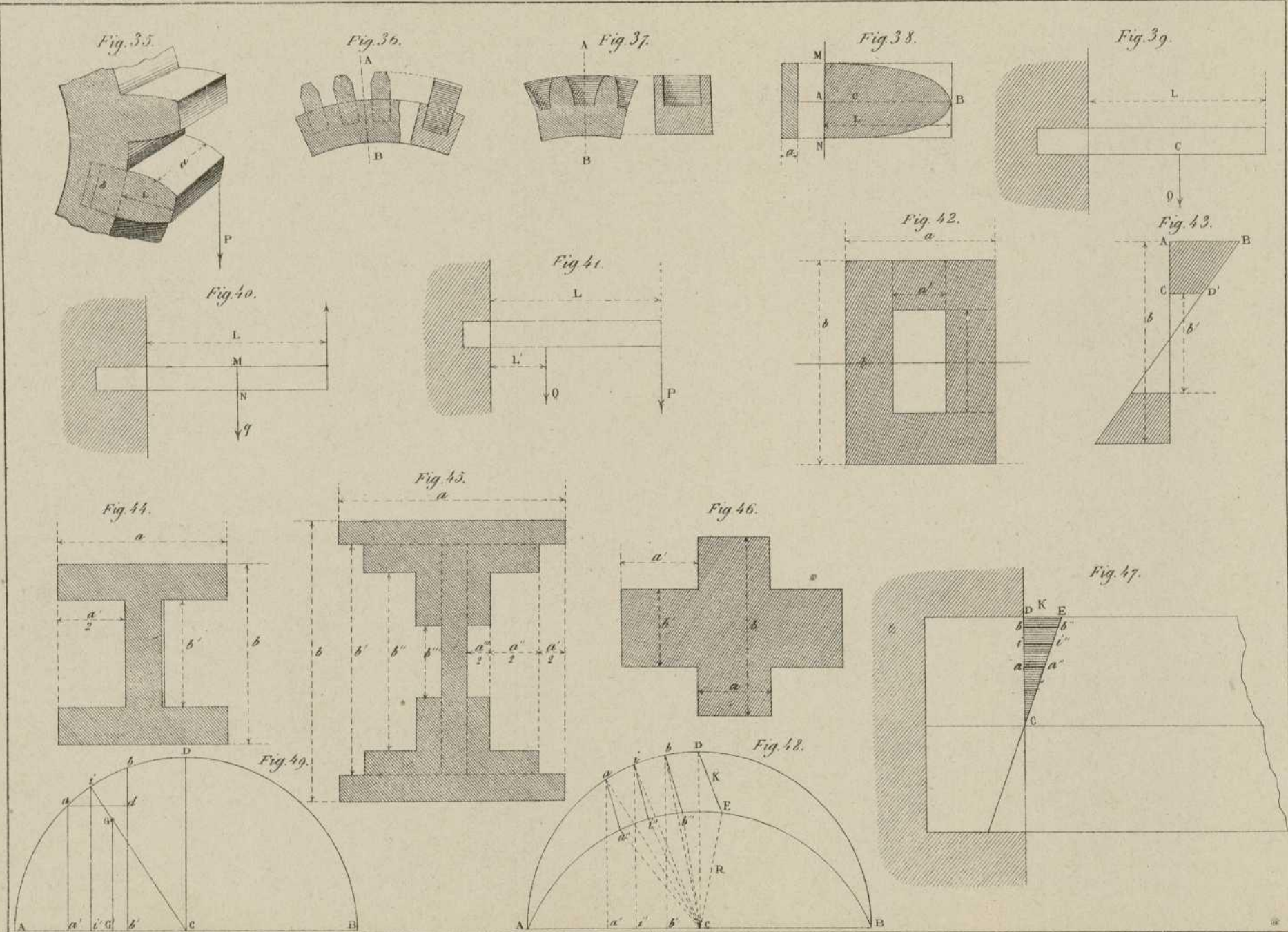
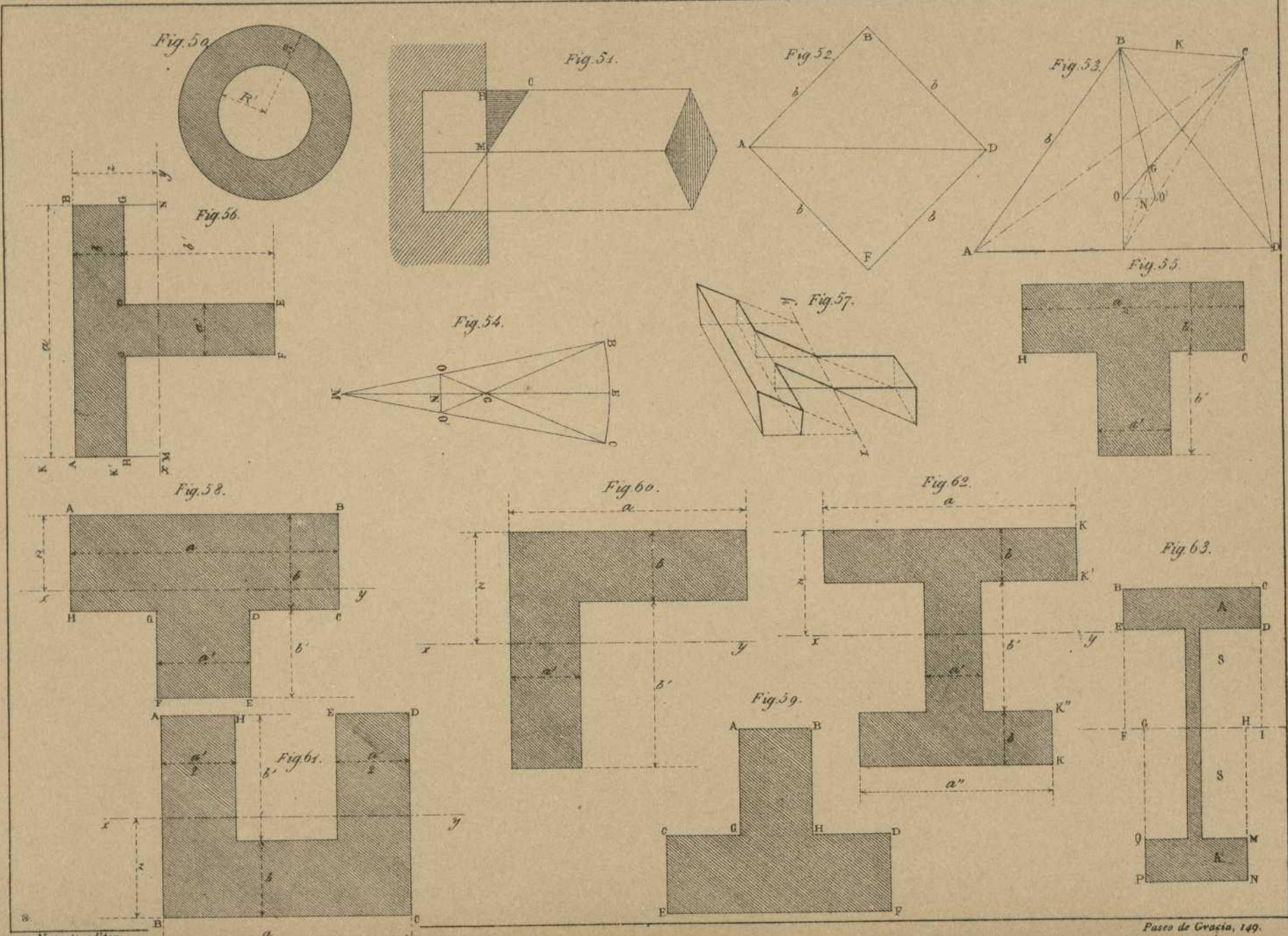


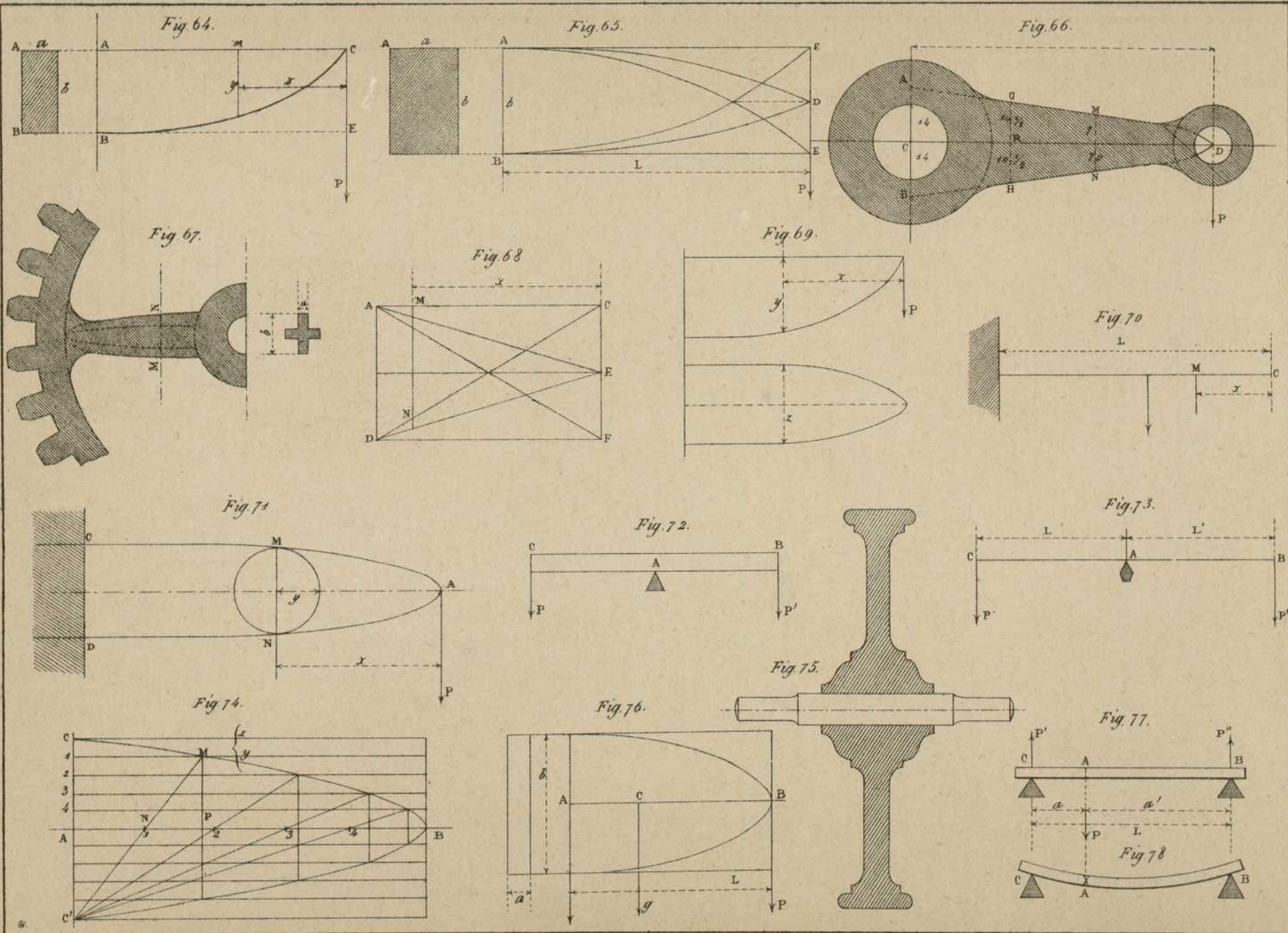
Fig. 2.



Escala de 1/20.







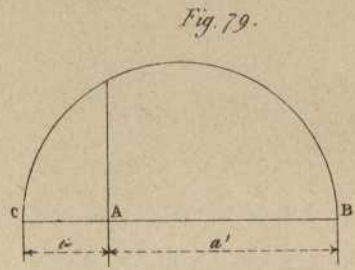


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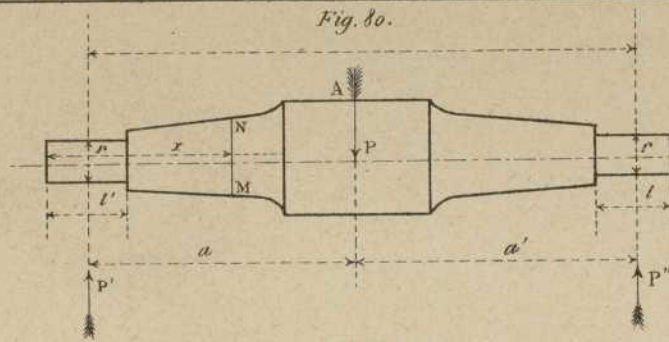


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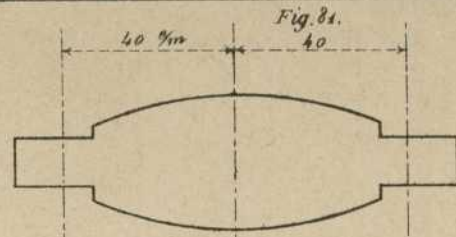


Fig. 84.

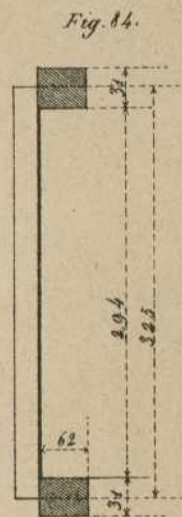


Fig. 84.

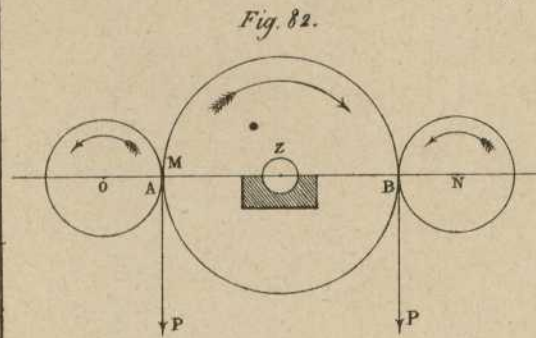


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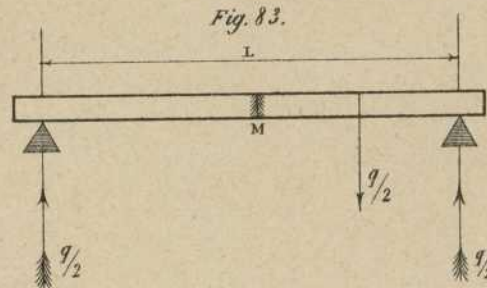


Fig. 83.

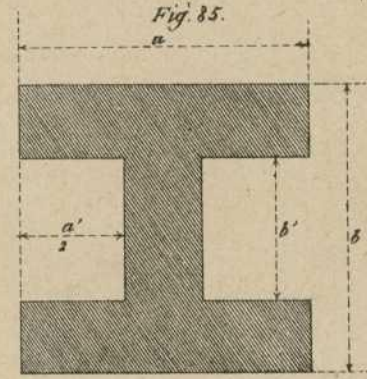


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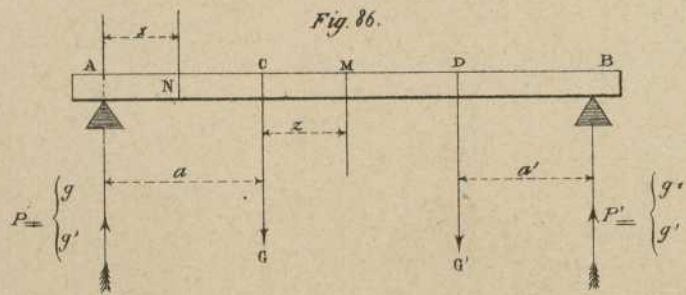


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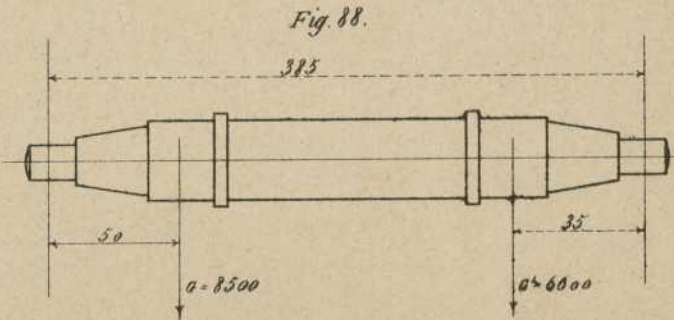


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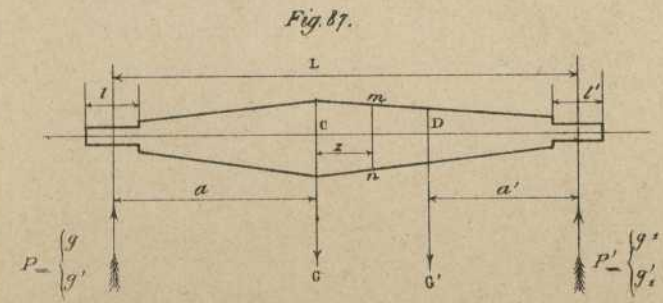


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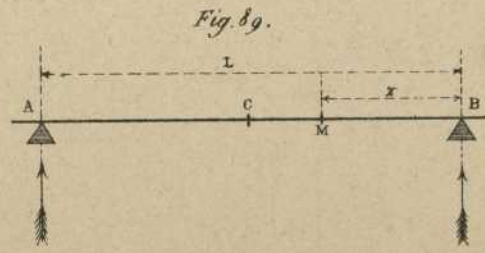


Fig. 89.

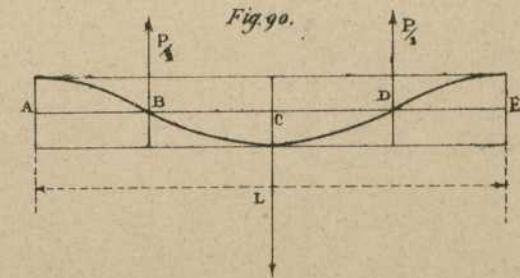


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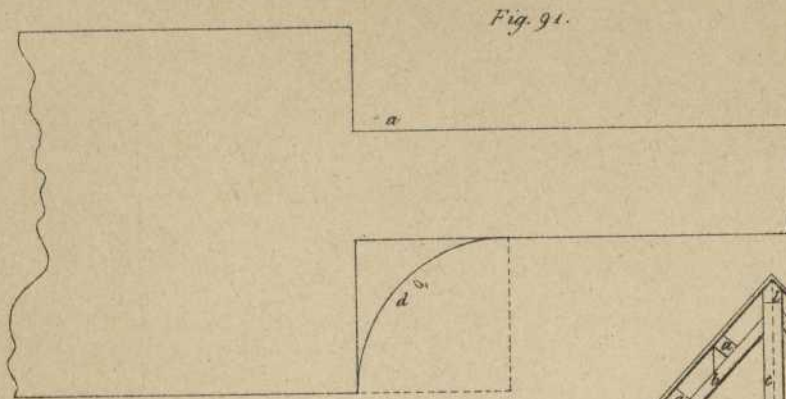


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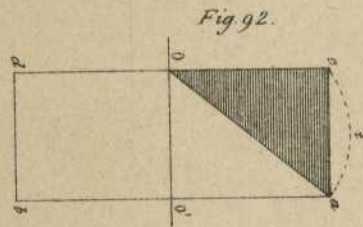


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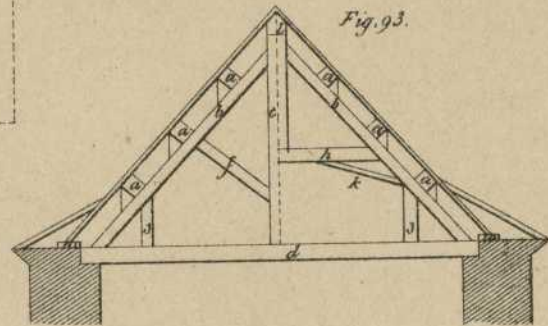


Fig. 93.

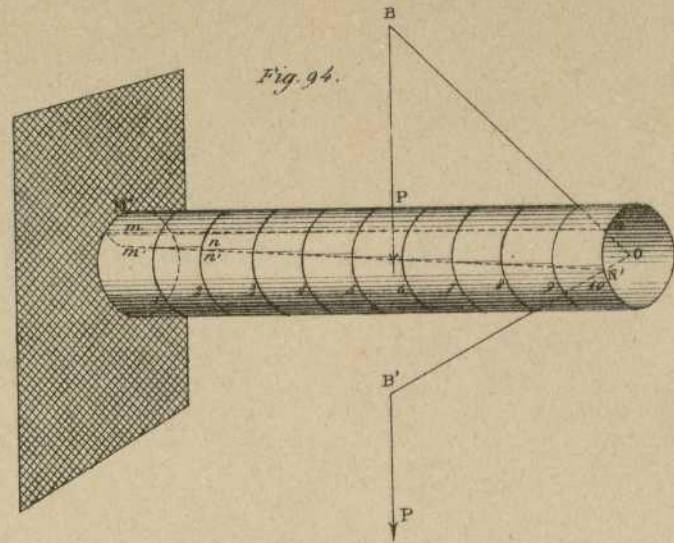


Fig. 94.

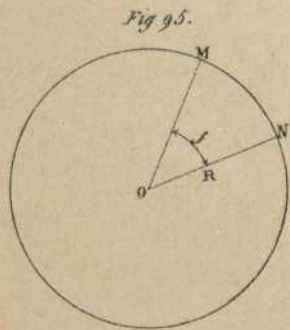


Fig. 95.

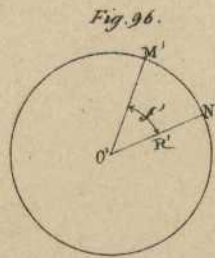


Fig. 96.

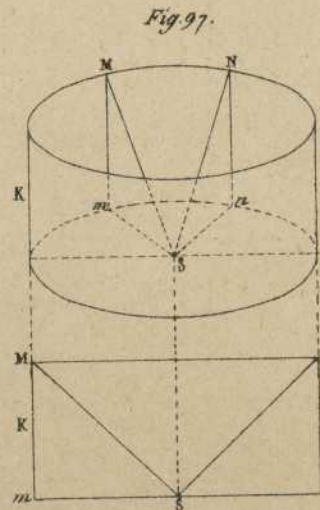


Fig. 97.

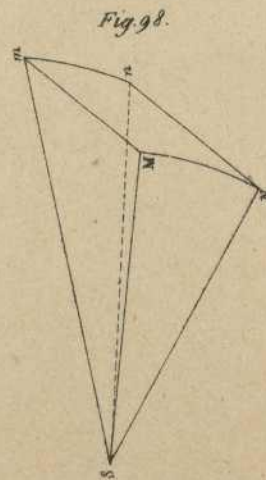


Fig. 98.

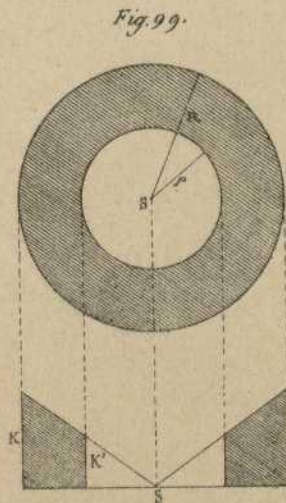


Fig. 99.

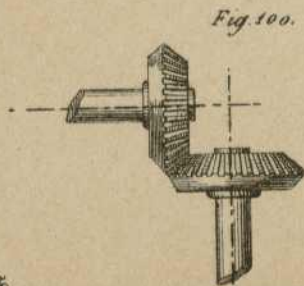


Fig. 100.

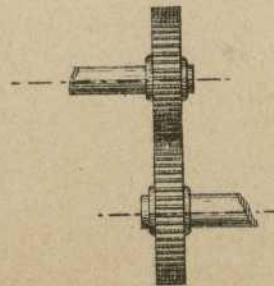
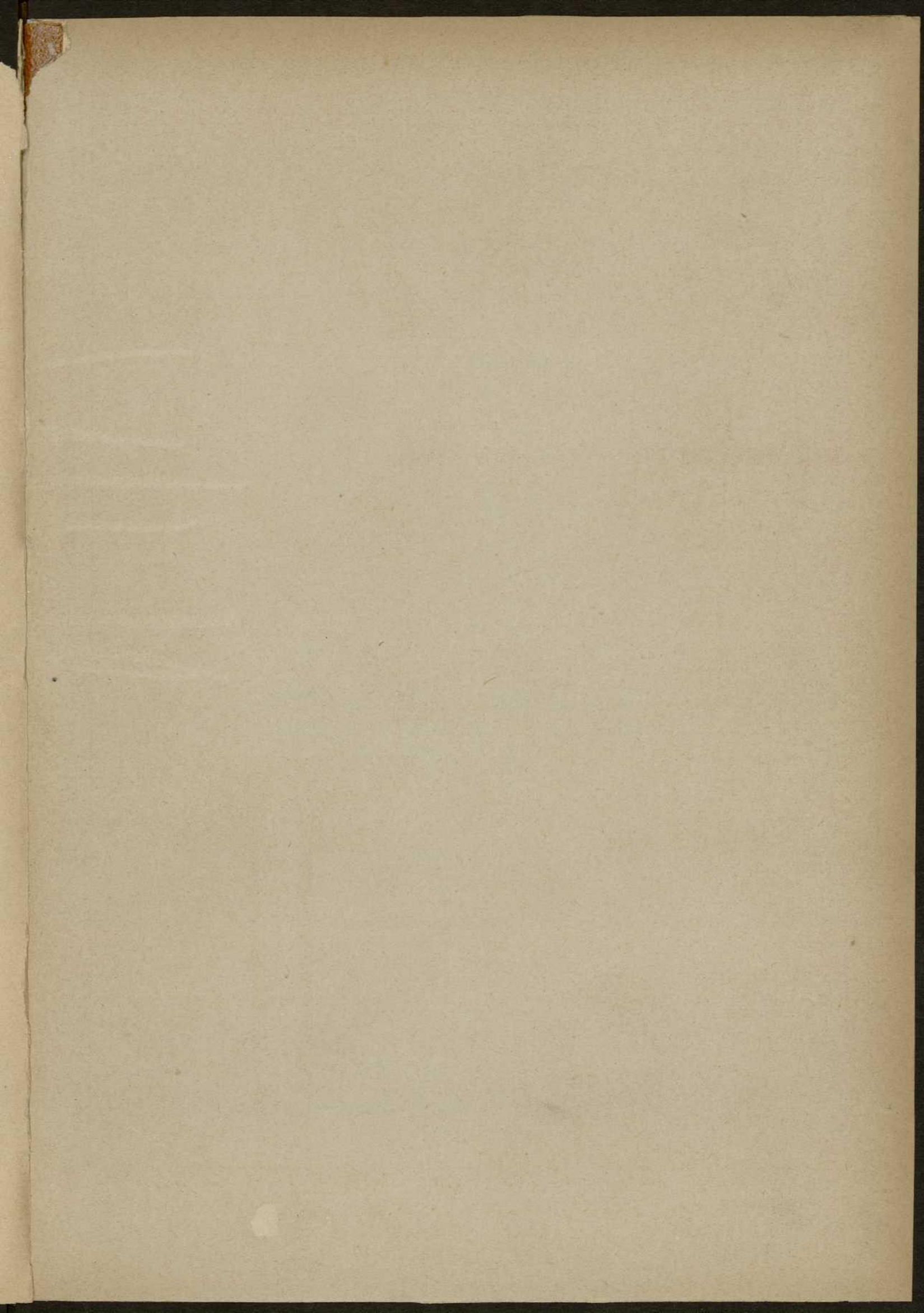


Fig. 101.

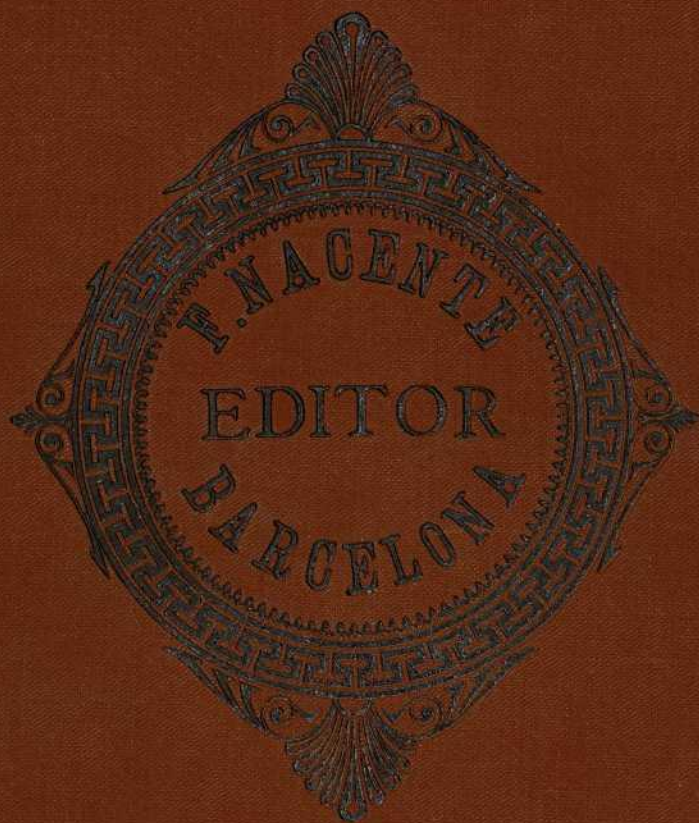


1

ESTANTE 10

Tabla 4.^a

N.º 2



FRIBULEUAX

MEXICANA

ATLAS

I

16.457

A. DOMINGO BARCELONA

