

621.1
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ПАРОВЫЯ МАШИНЫ

ДЕП

СПРАВОЧНАЯ КНИГА

КОНТРОЛЬНЫЙ

при проектировании и практическое пособие при расчетах
паровых машин и деталей ихъ.

Германа Гедера,

Гражданскаго Инженера въ Дунсбургъ.

947961/196776

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редакторъ техническаго журнала «Практикъ-Монтеръ».

Атласъ изъ 70 листовъ чертежей.

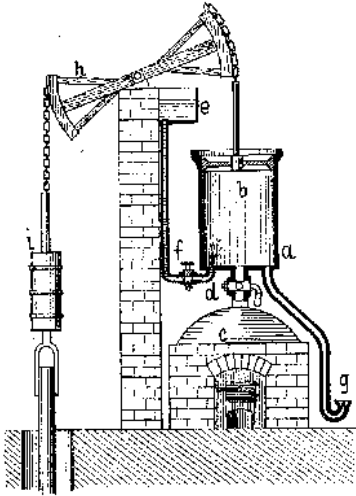
С.-ПЕТЕРБУРГЪ.

Издание К. Л. Риккера,

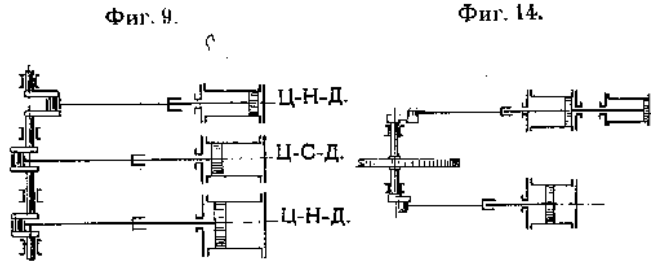
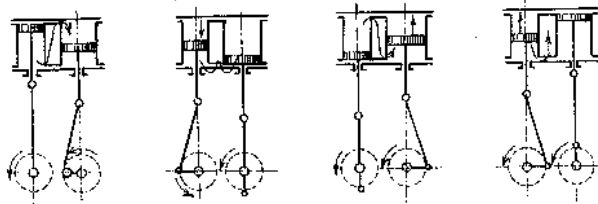
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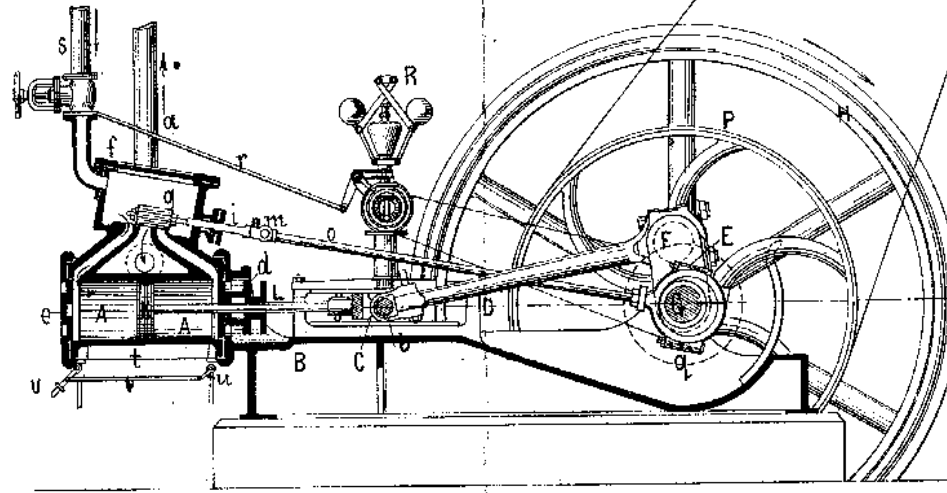
Республиканская
научно-техническая
библиотека



Фиг. 5—8.

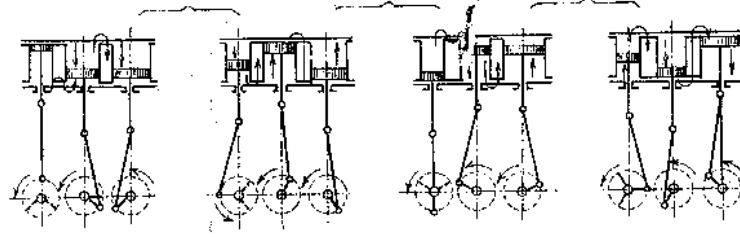


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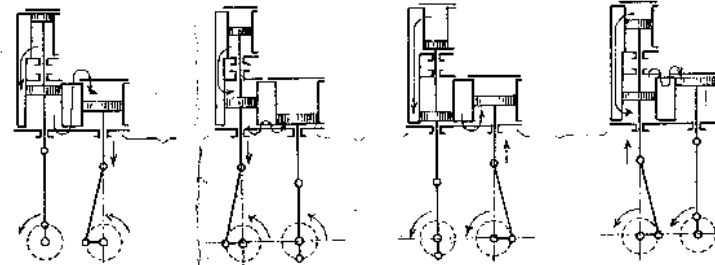


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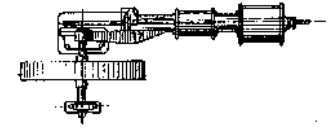
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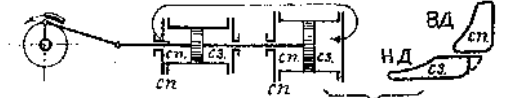
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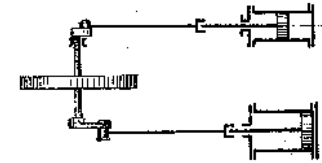
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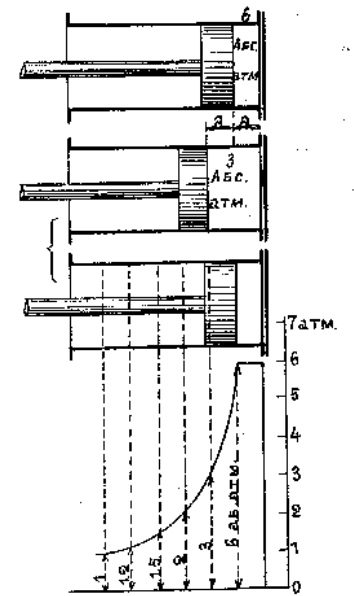
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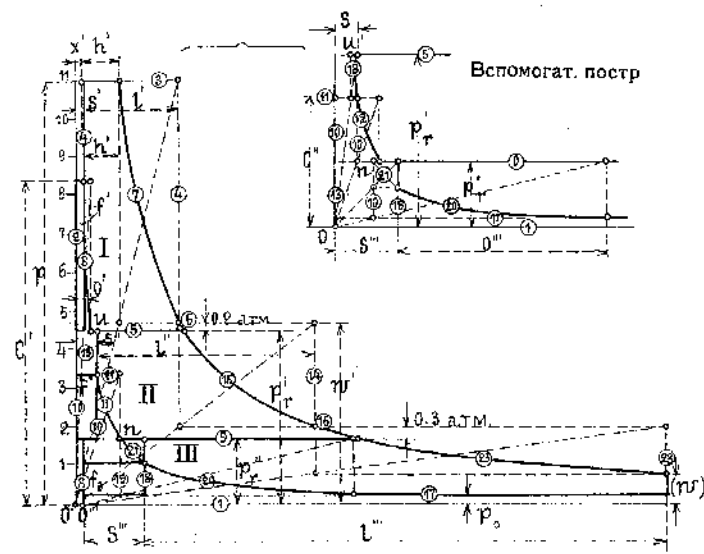
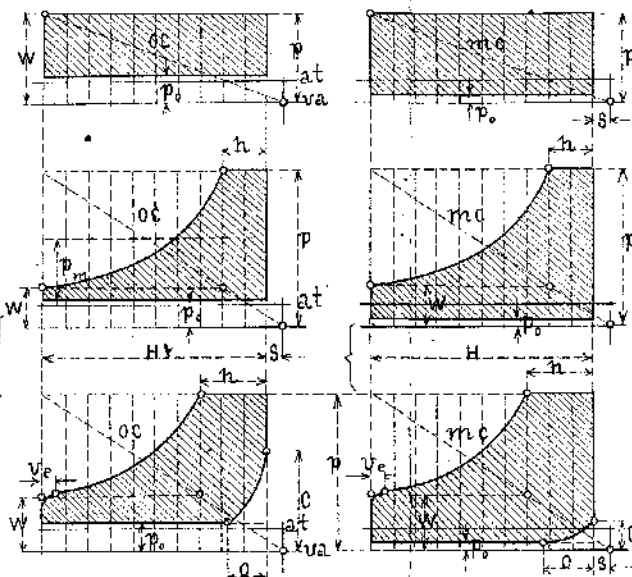
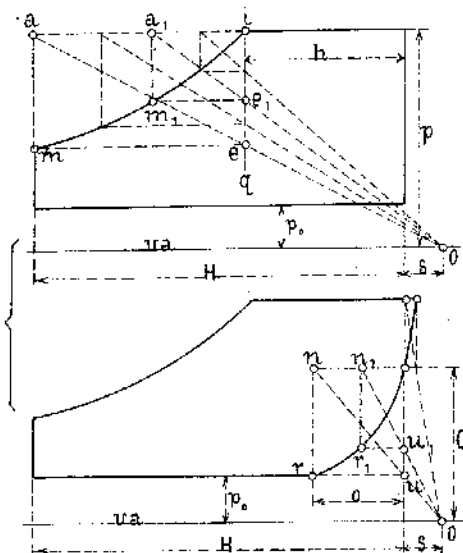
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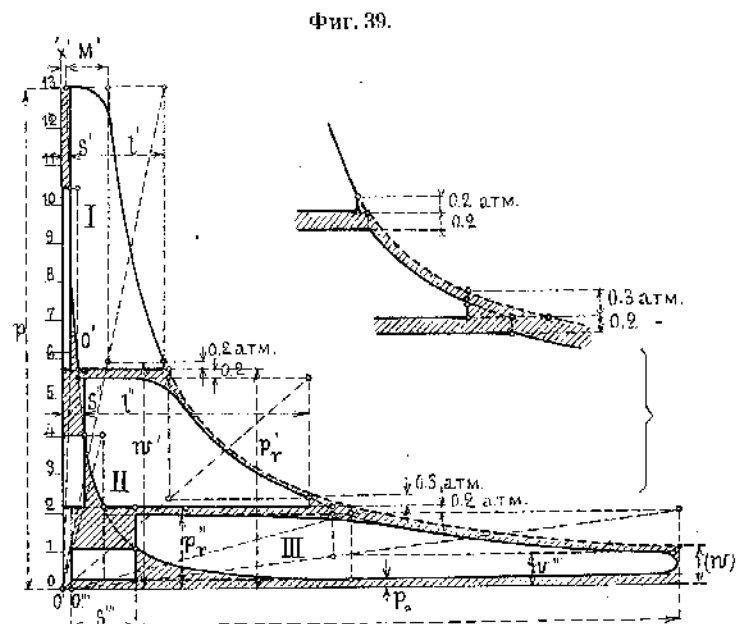
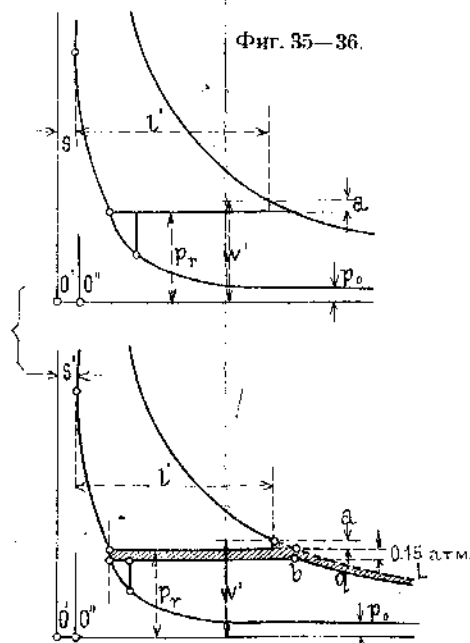
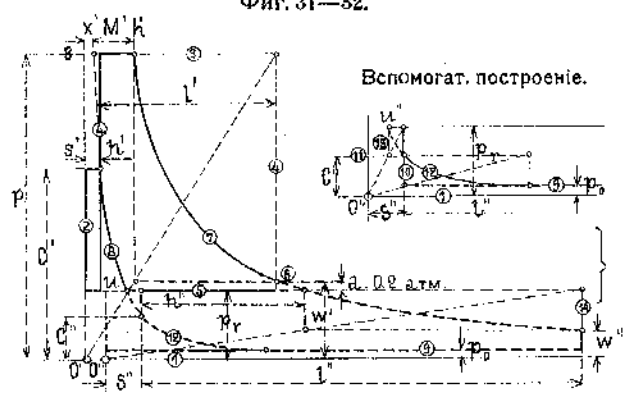
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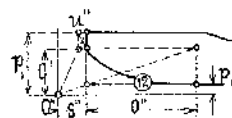
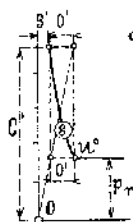
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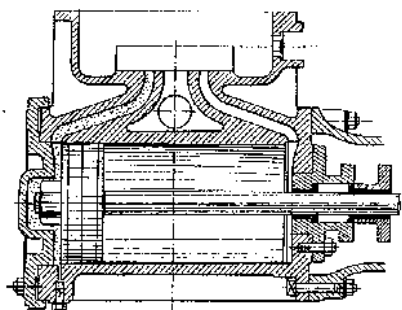
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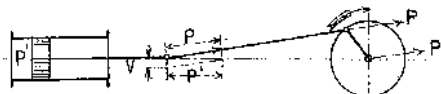
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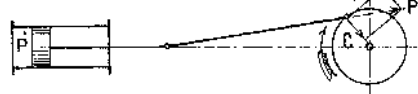
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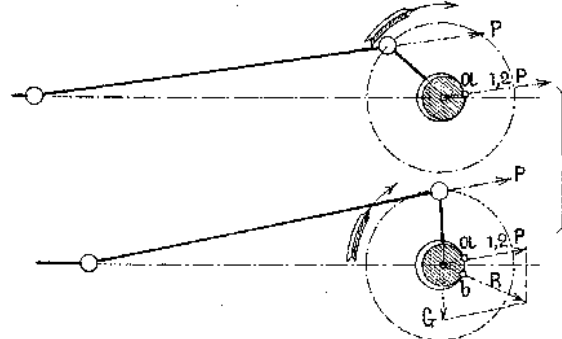
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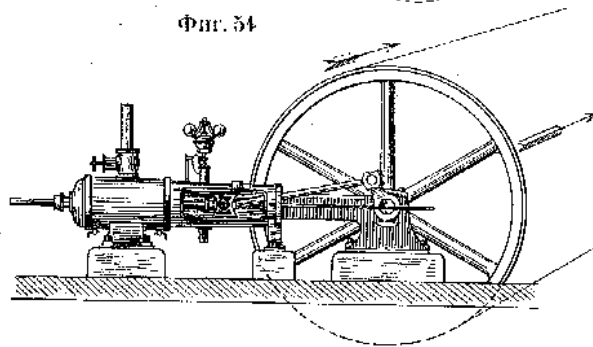
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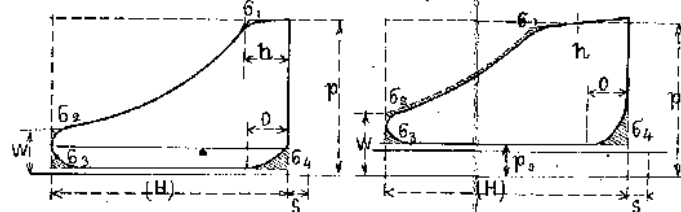
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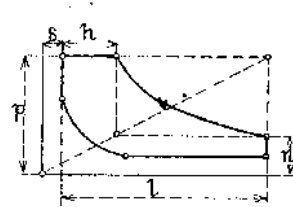
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Фиг. 41—42.



Фиг. 43.



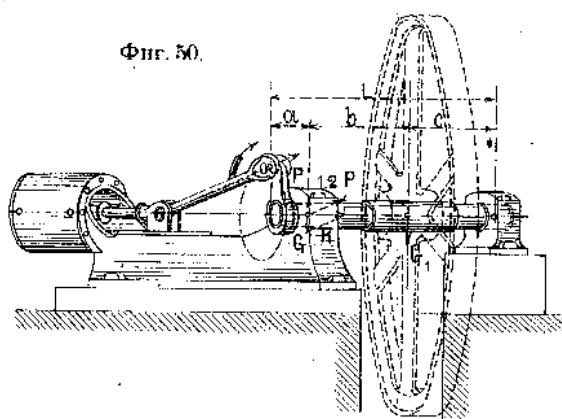
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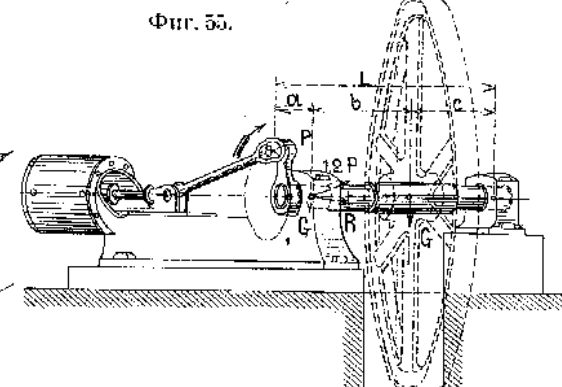
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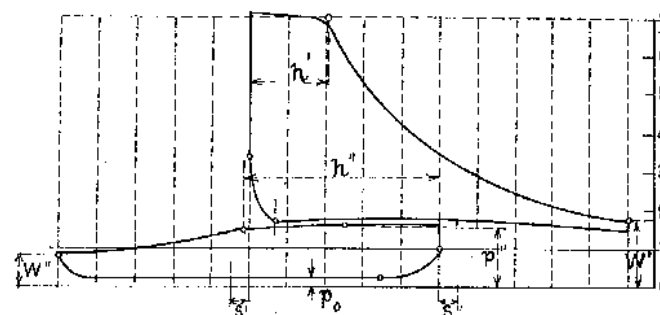
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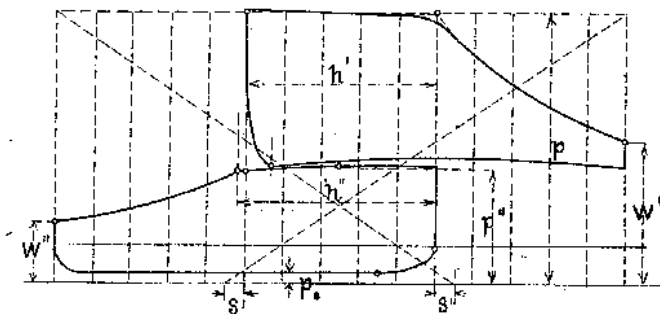
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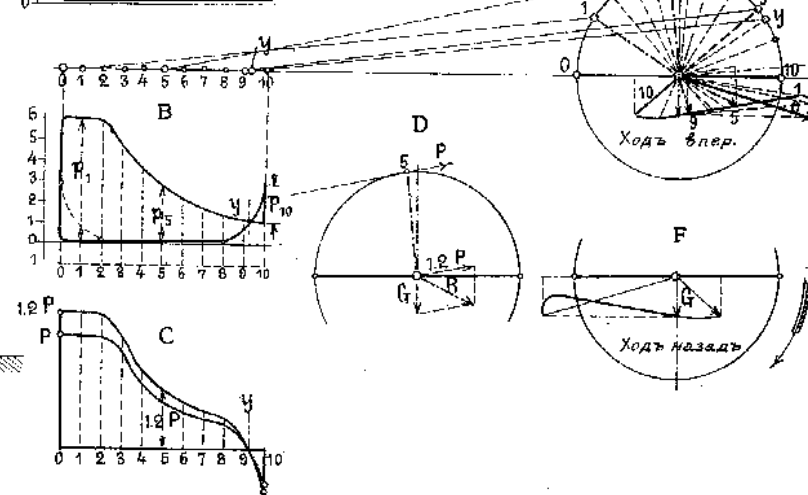
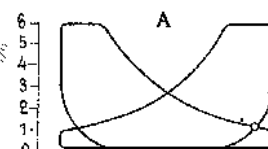
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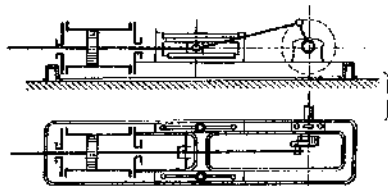
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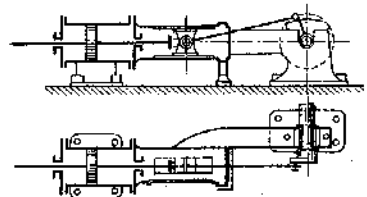
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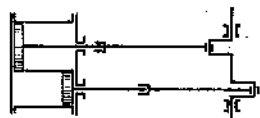
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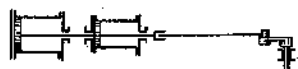
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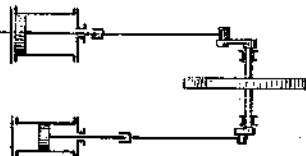
Фиг. 63.



Фиг. 64.



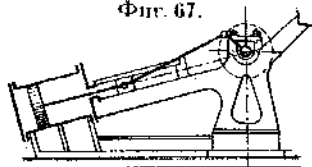
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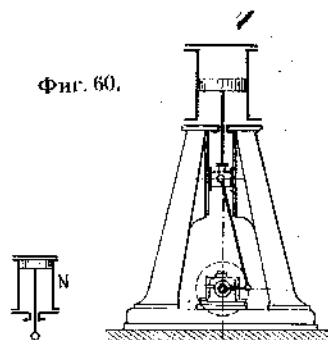
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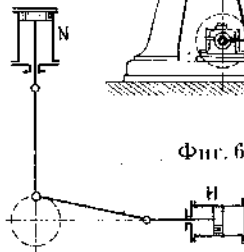
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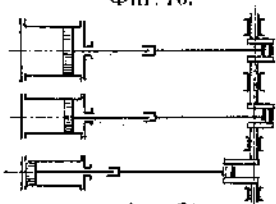
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Фиг. 69.



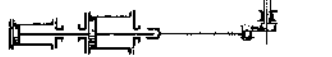
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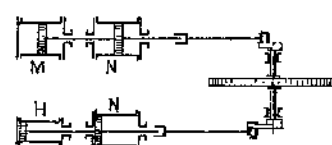
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Фиг. 72.



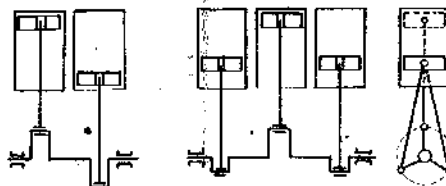
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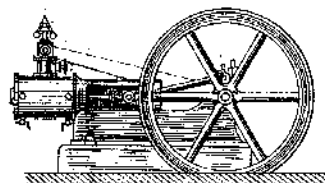
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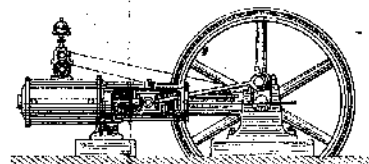
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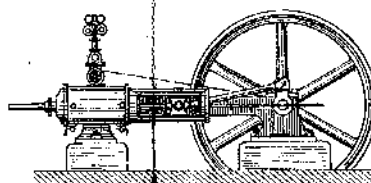
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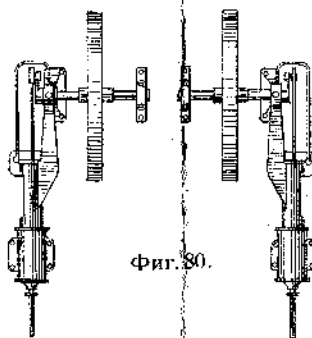
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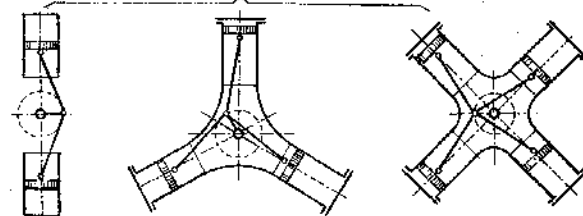
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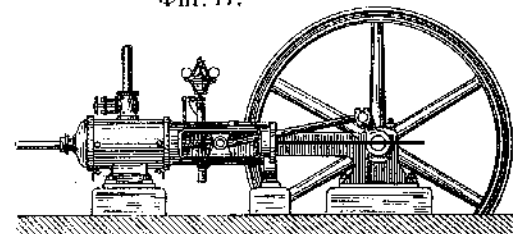
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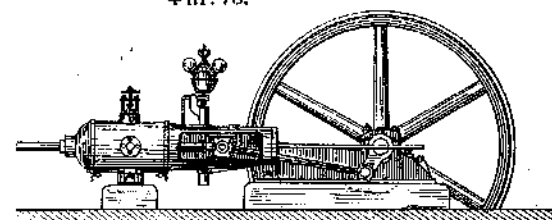
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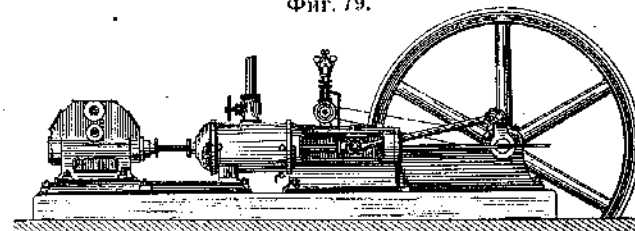
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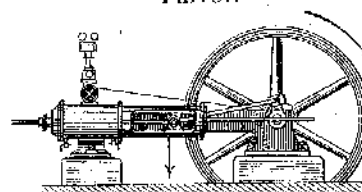
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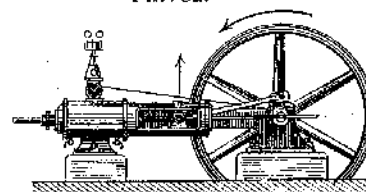
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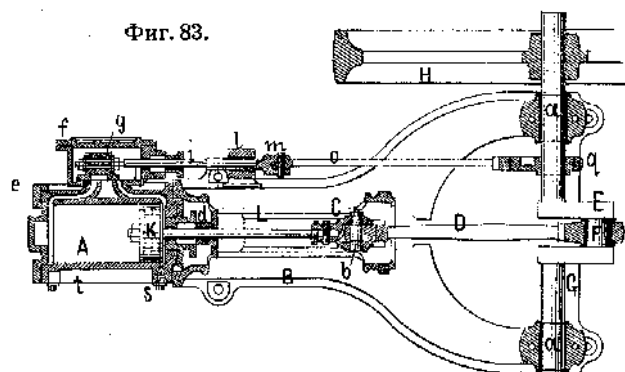
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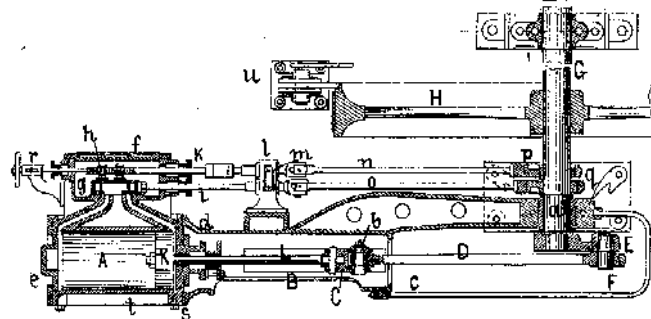
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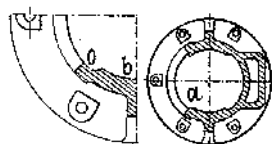
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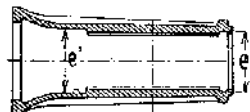
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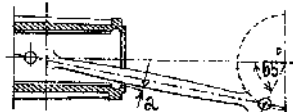
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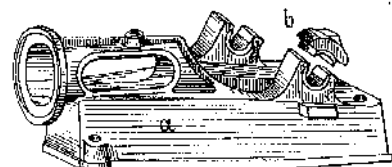
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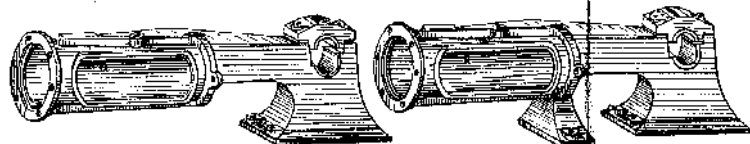
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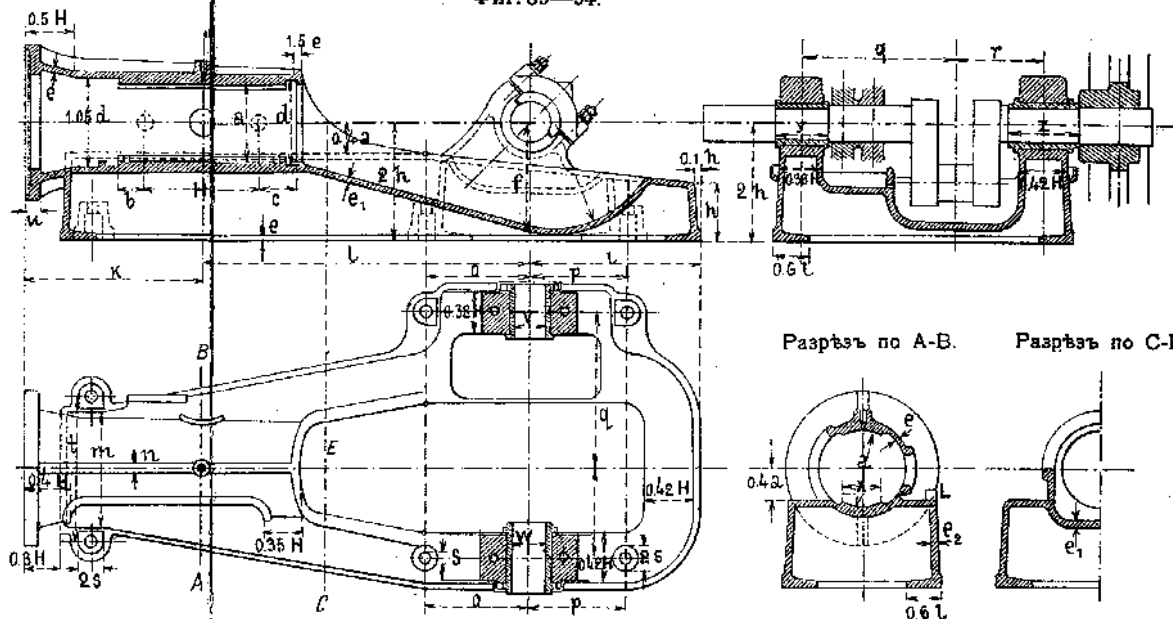
Фиг. 88.



Фиг. 89.



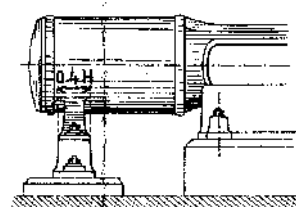
Фиг. 89—94.



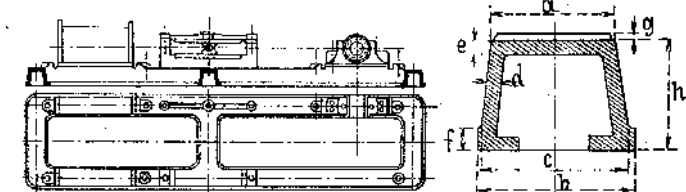
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Разрѣзъ по С-Е.

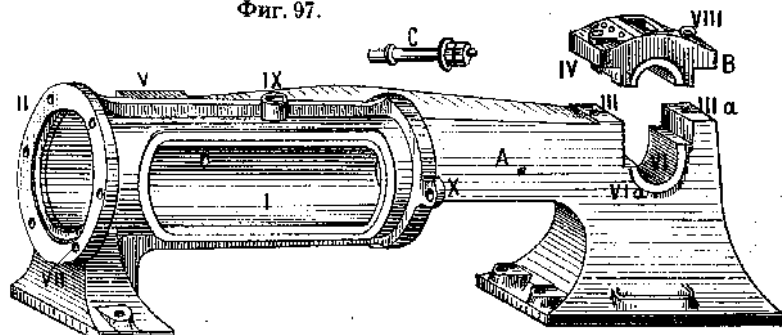
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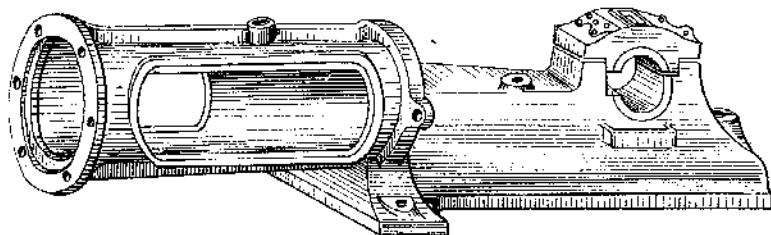
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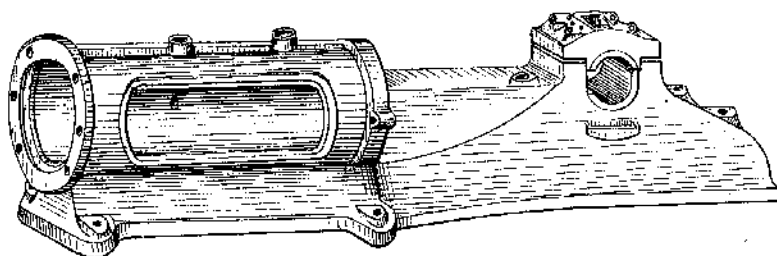
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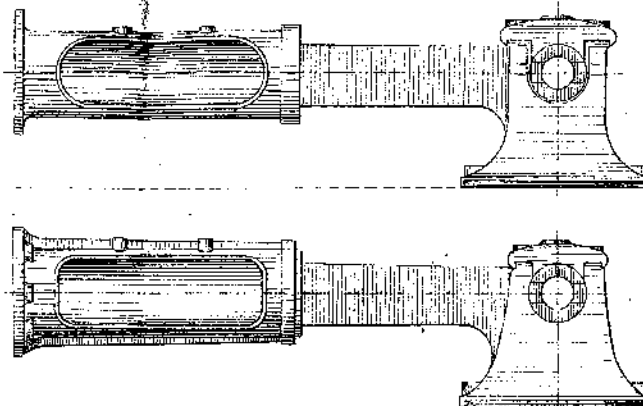
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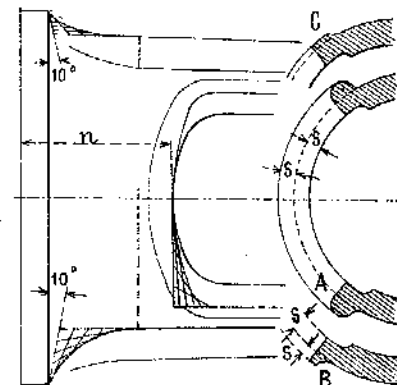
Фиг. 100.



Фиг. 105—106.



Фиг. 109.



Фиг. 101—104.

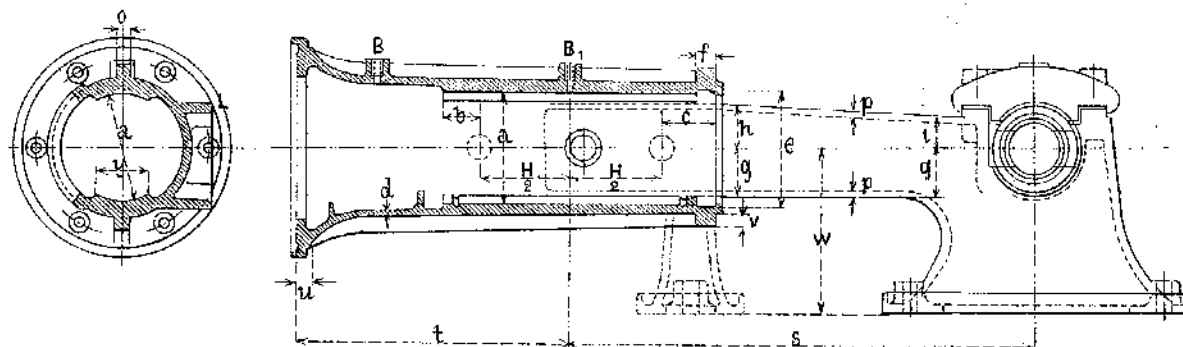
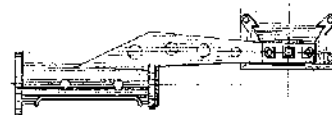
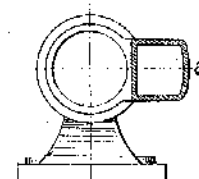


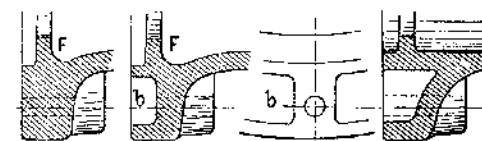
Fig. 107.



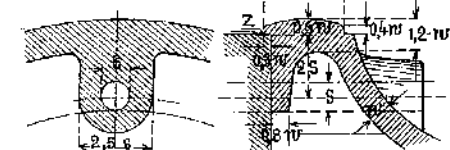
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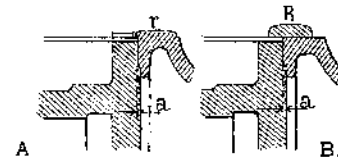
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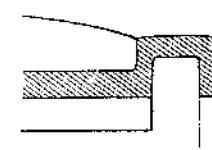
Фиг. 111.



Фиг. 112.



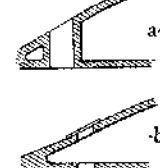
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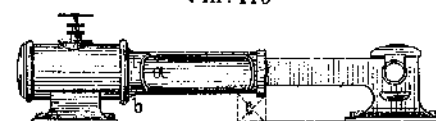
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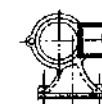
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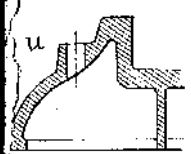
Фиг. 116



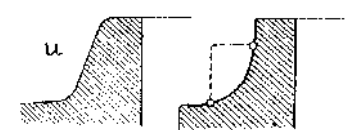
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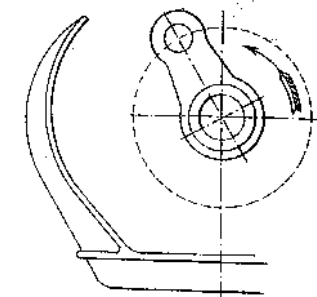
Фиг. 121. а



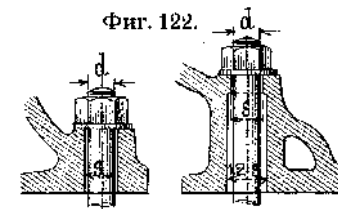
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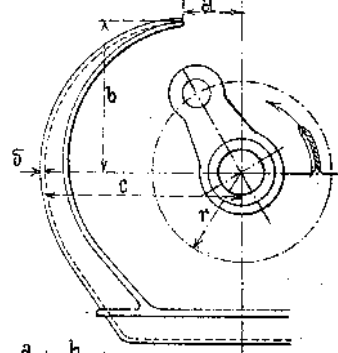
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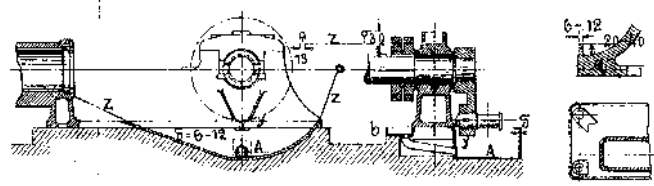
Фиг. 122.



Фиг. 132.

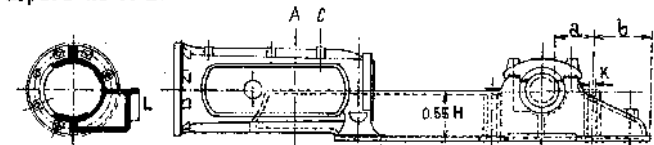


Фиг. 130.

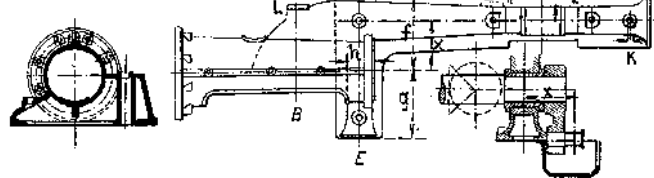


Разрѣзъ по А-В.

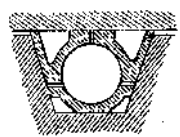
Фиг. 135.



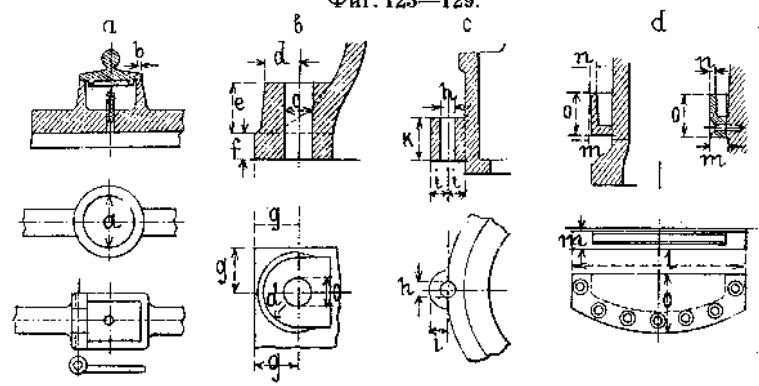
Разрѣзъ по С-Е.



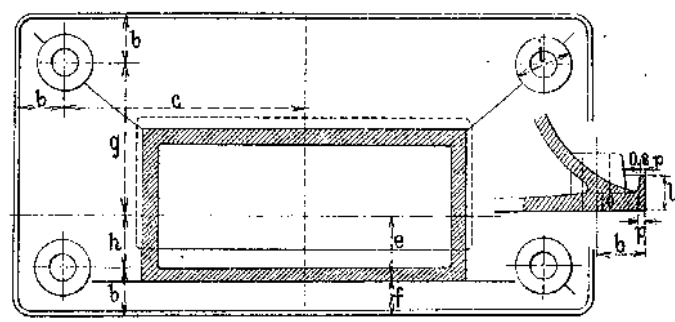
Фиг. 146.



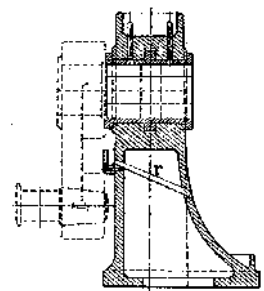
Фиг. 123—129.



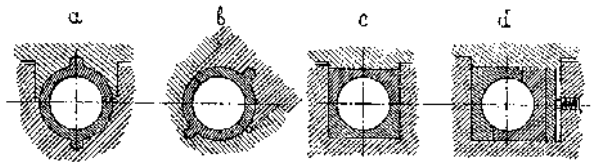
Фиг. 134.



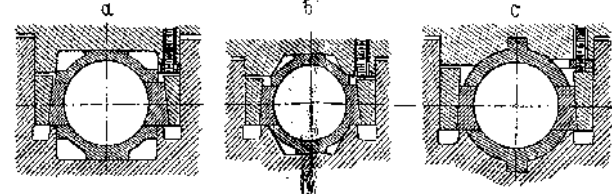
Фиг. 133.



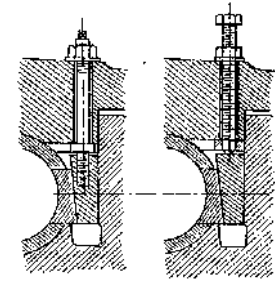
Фиг. 136—139.



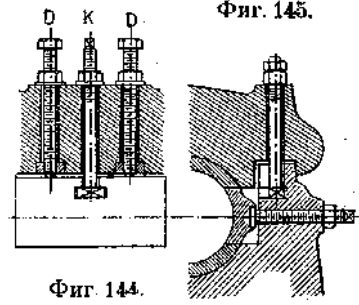
Фиг. 140—142.



Фиг. 143.

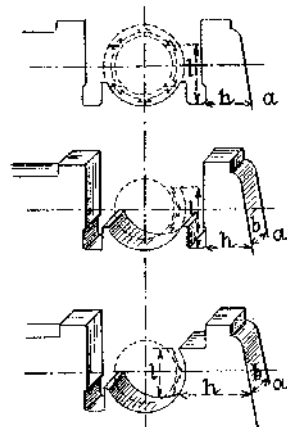


Фиг. 145.

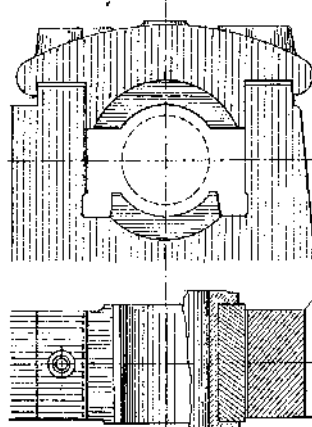


Фиг. 144.

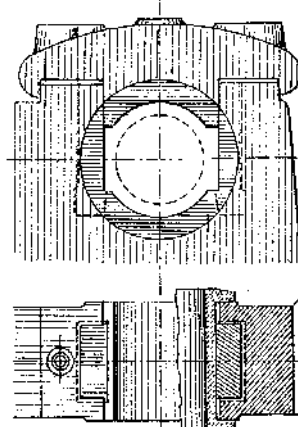
Фиг. 147.



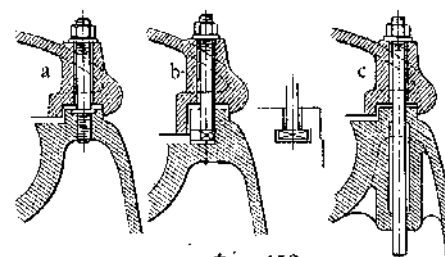
Фиг. 148.



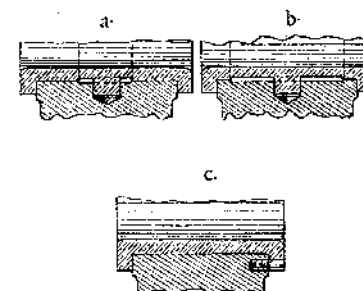
Фиг. 149.



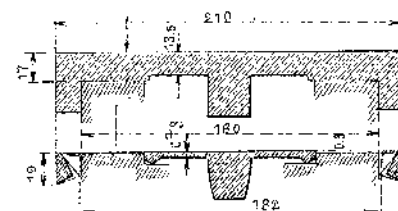
Фиг. 150.



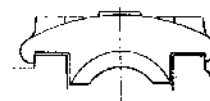
Фиг. 151.



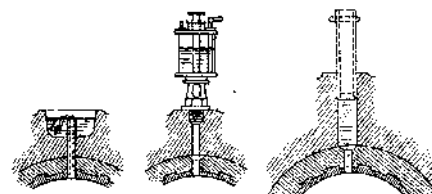
Фиг. 152.



Фиг. 153.



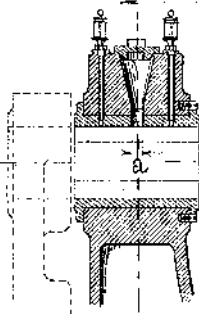
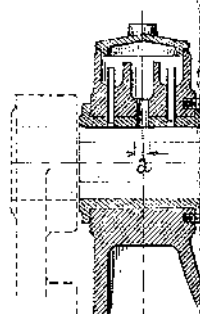
Фиг. 154—157.



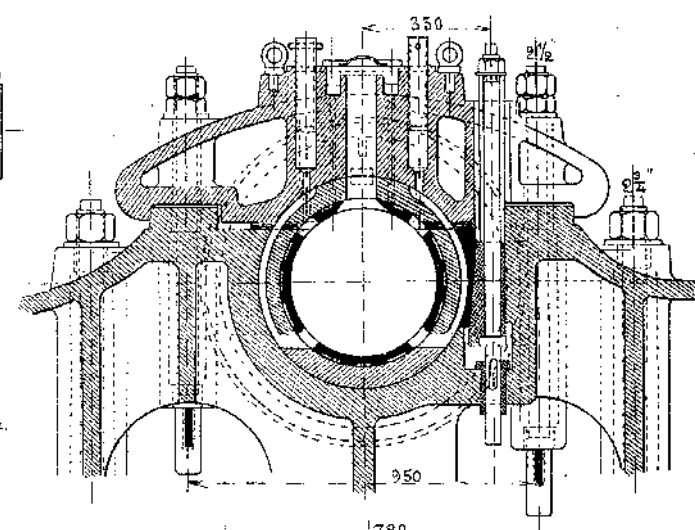
Отъ Лубрикатора.



Фиг. 161.

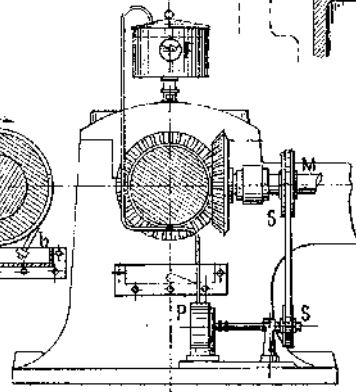
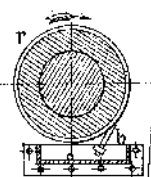
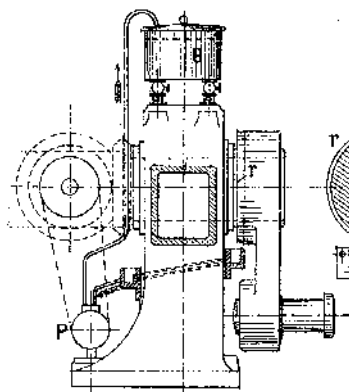


Фиг. 162.

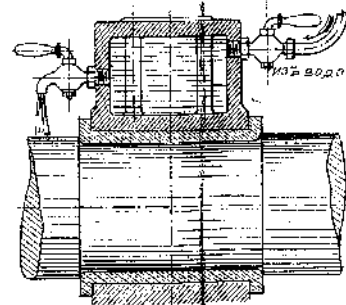


Фиг. 158.

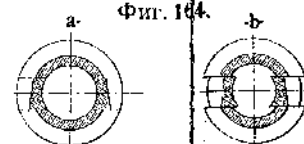
Фиг. 159.



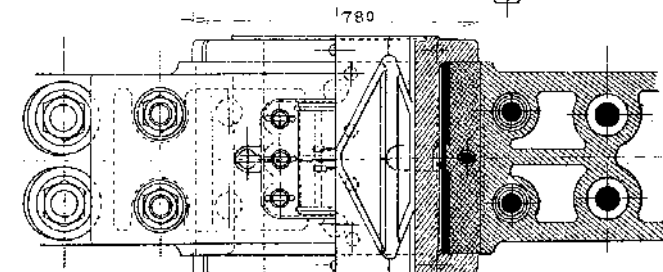
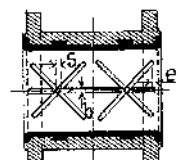
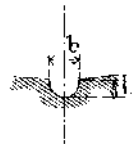
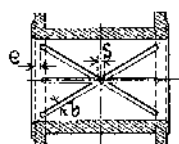
Фиг. 163.



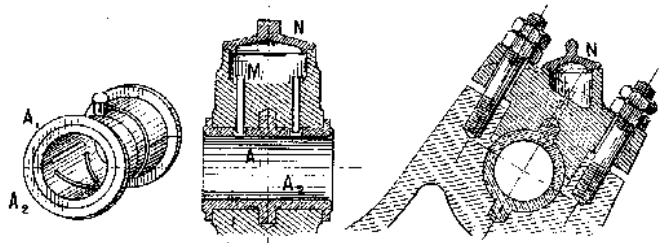
Фиг. 164.



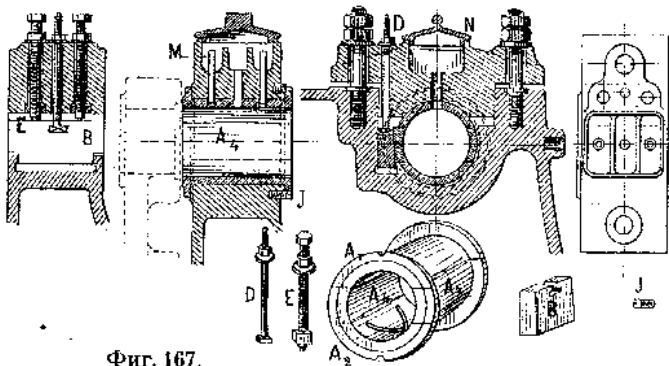
Фиг. 160.



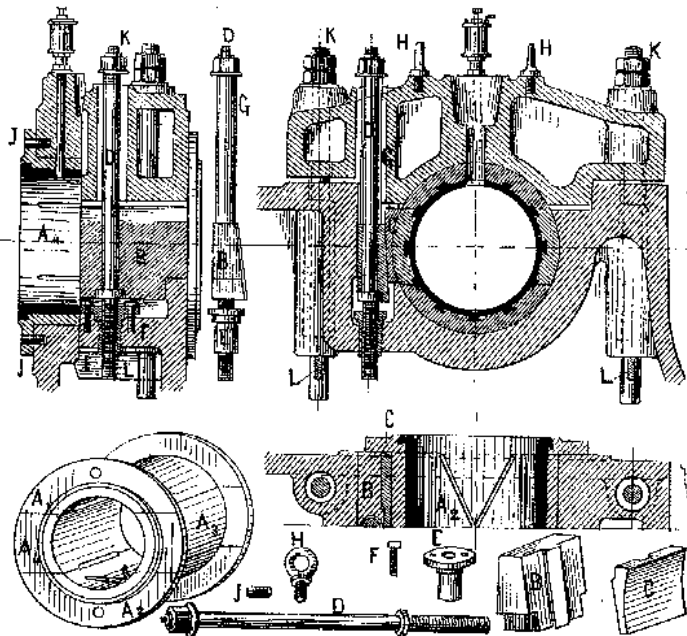
Фиг. 165.



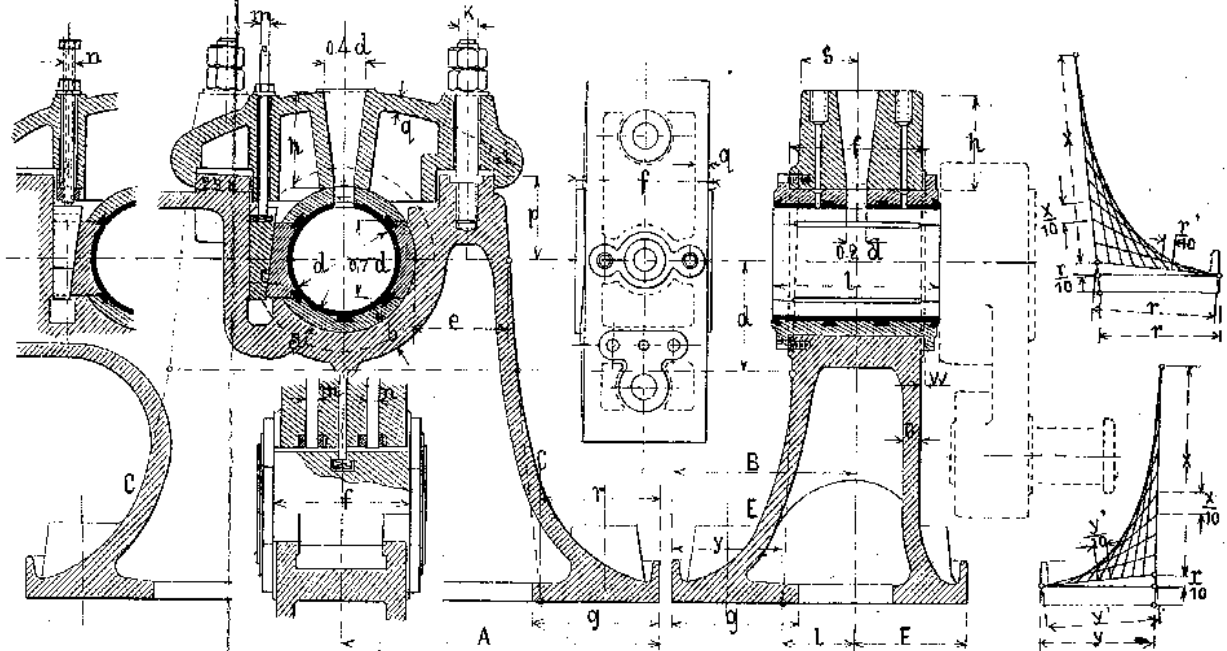
Фиг. 166.



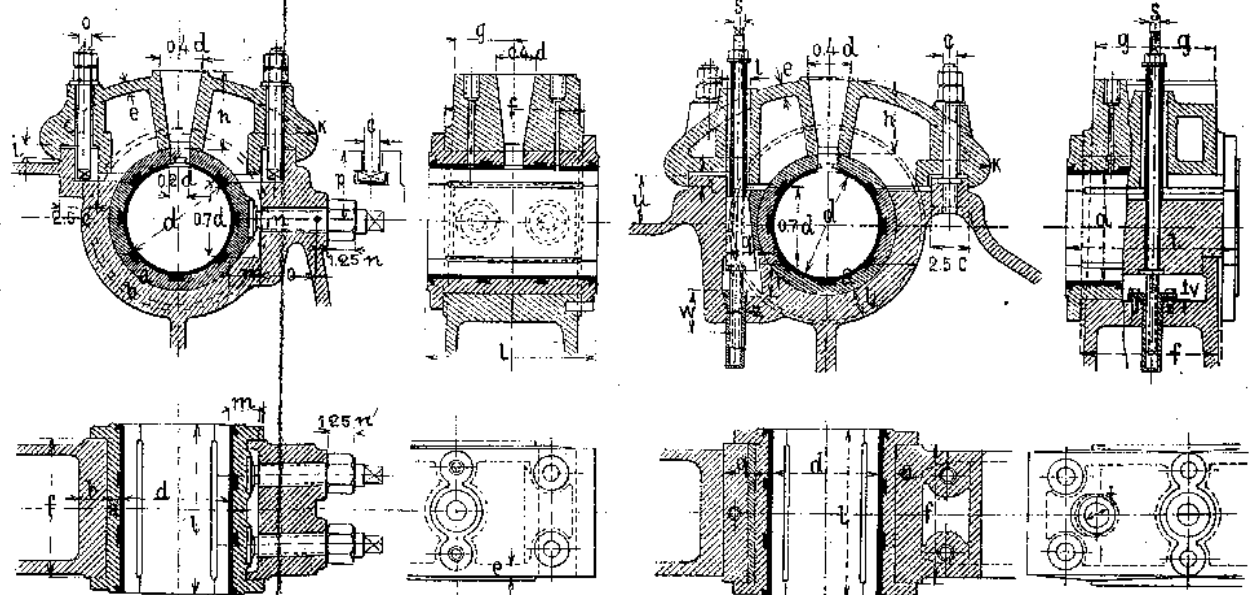
Фиг. 167.



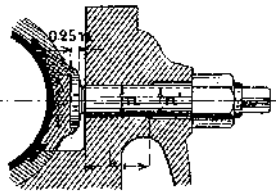
Фиг. 168.



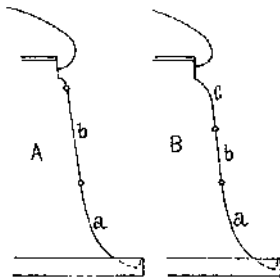
Фиг. 169.



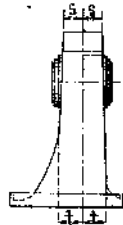
Фиг. 170.



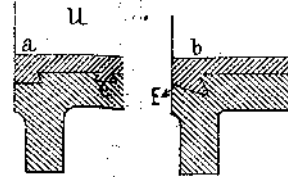
Фиг. 171.



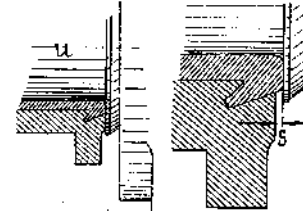
Фиг. 172.



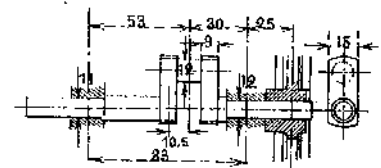
Фиг. 174.



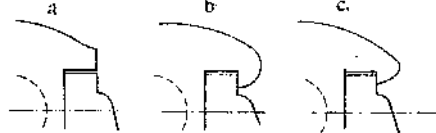
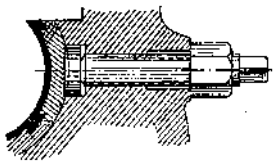
Фиг. 175.



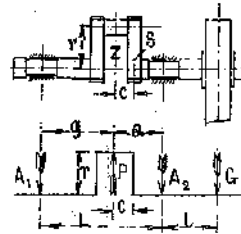
Фиг. 183.



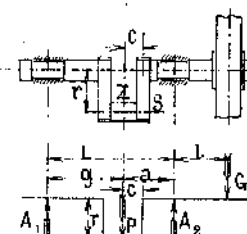
Фиг. 173.



Фиг. 180.



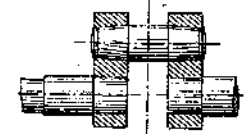
Фиг. 181.



Фиг. 182.



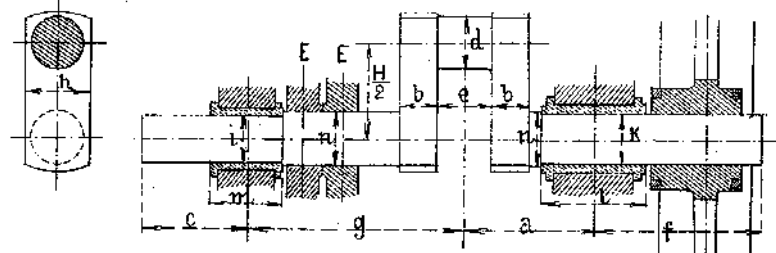
Фиг. 184.



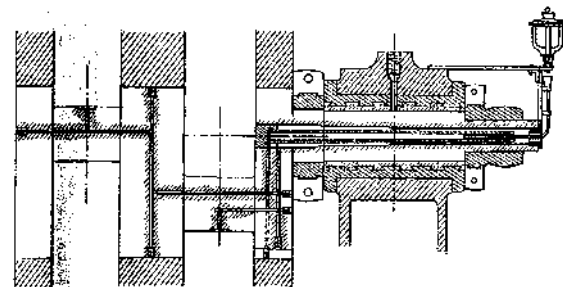
Фиг. 185.



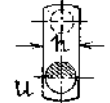
Фиг. 187.



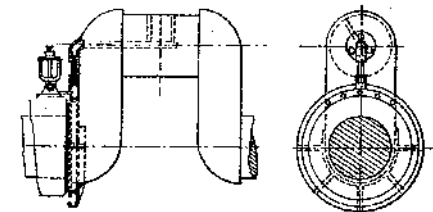
Фиг. 189.



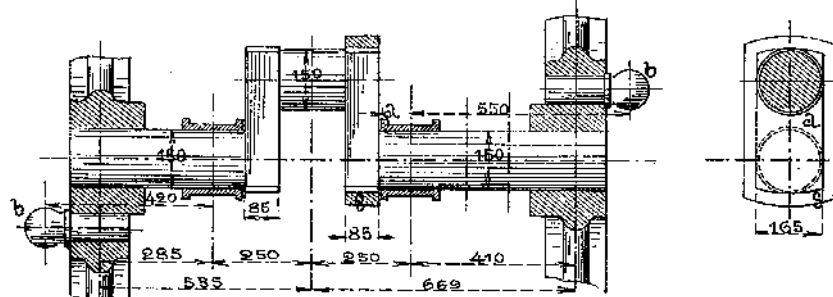
Фиг. 186.



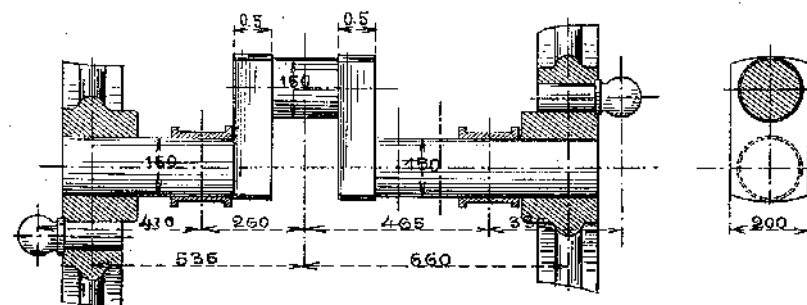
Фиг. 188.



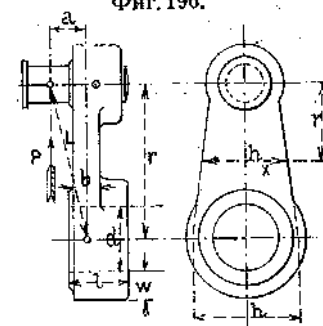
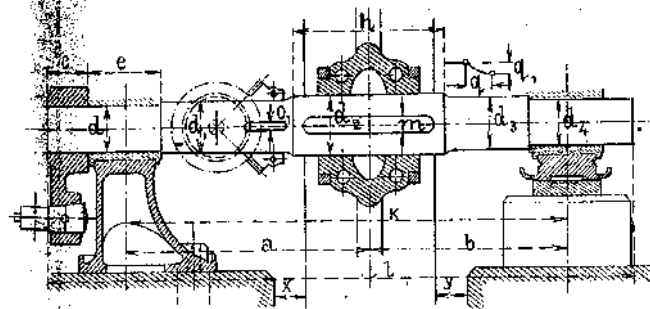
Фиг. 190.



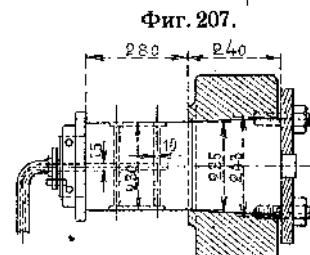
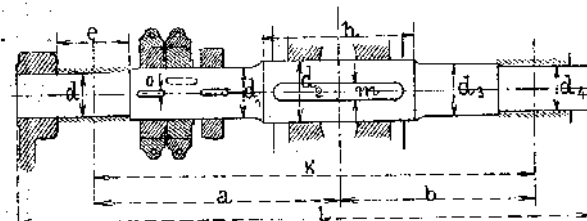
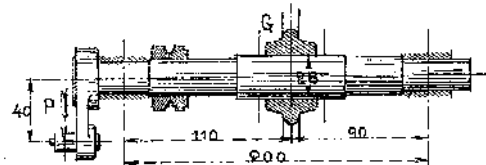
Фиг. 191.



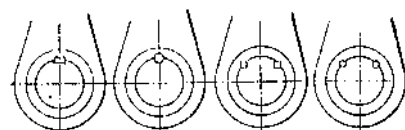
Фиг. 196.



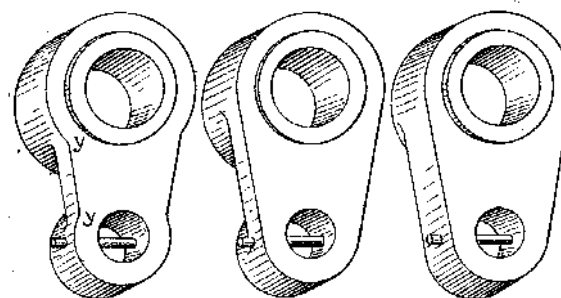
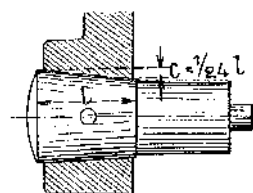
Фиг. 202.



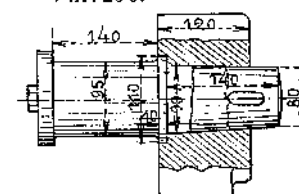
Фиг. 207.



Фиг. 202.



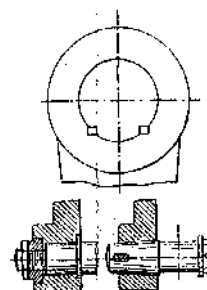
Фиг. 208.



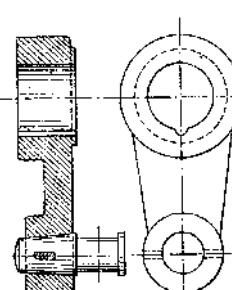
Фиг. 200.



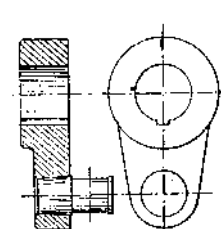
Фиг. 204.



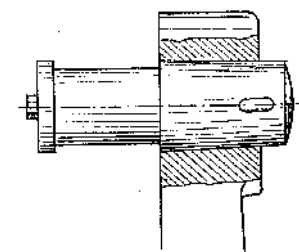
Фиг. 205.



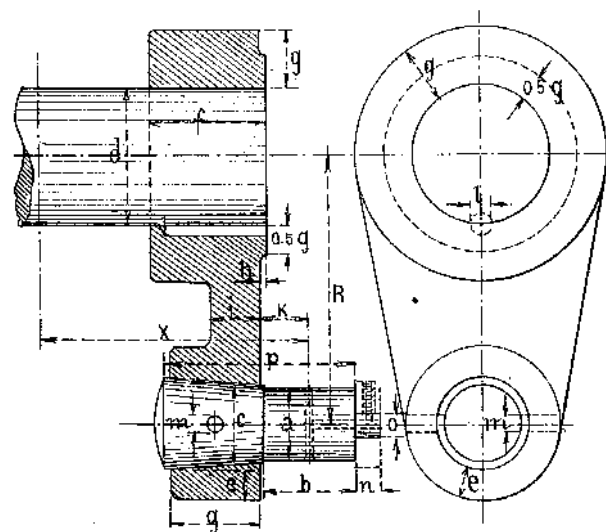
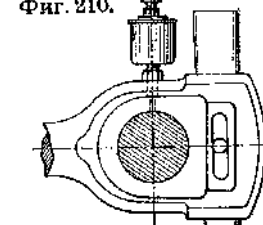
Фиг. 206.



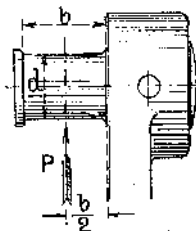
Фиг. 209.



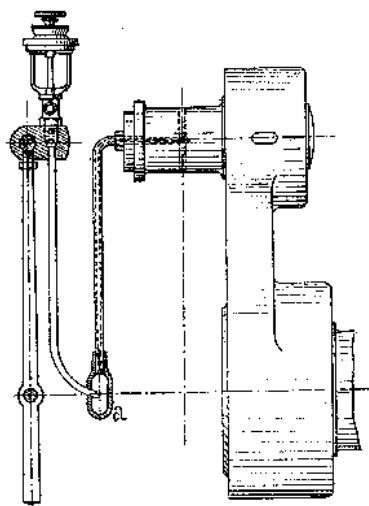
Фиг. 210.



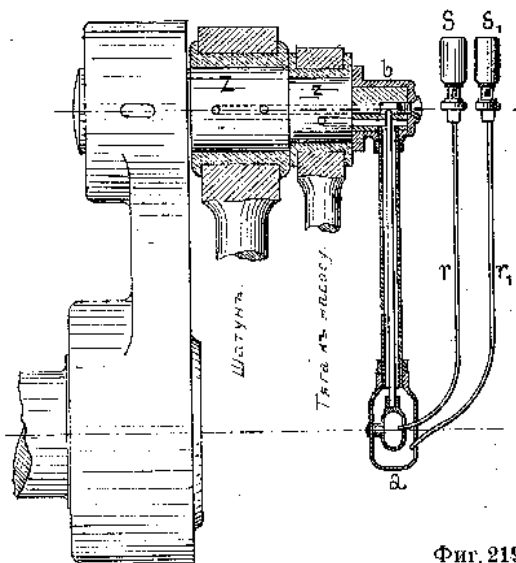
ФИГ. 203.



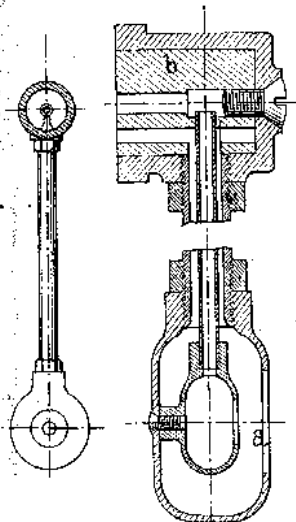
Фиг. 211.



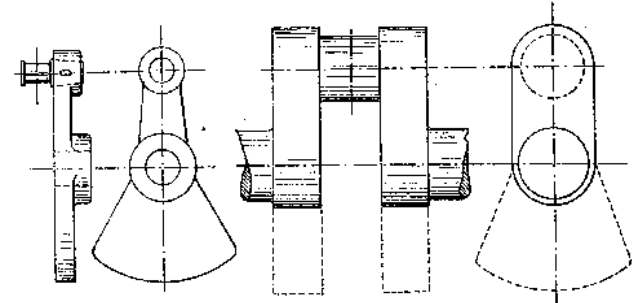
Фиг. 213.



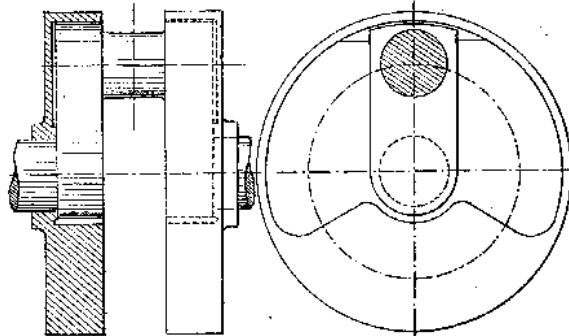
Фиг. 214.



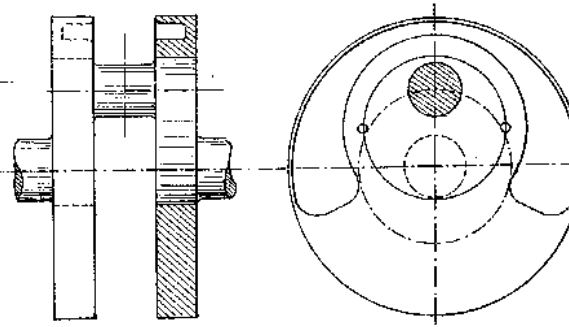
Фиг. 216.



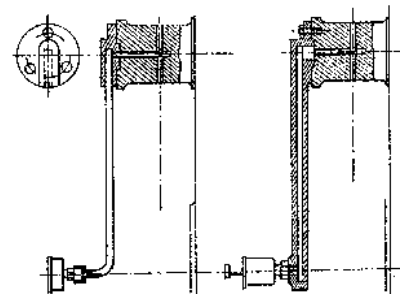
Фиг. 217.



Фиг. 218.



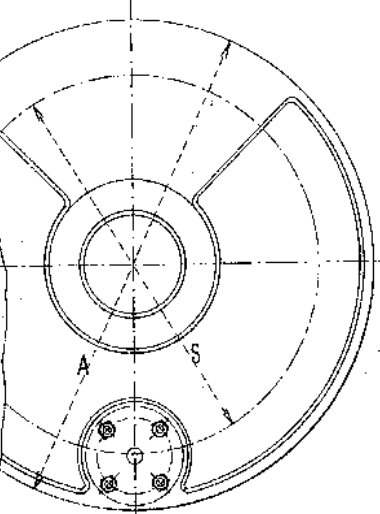
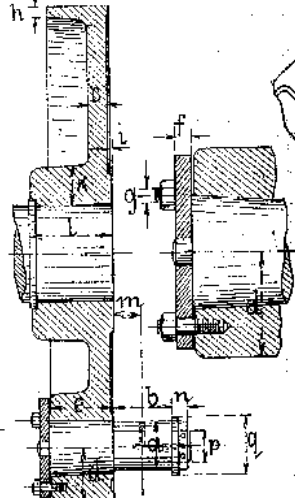
Фиг. 212.



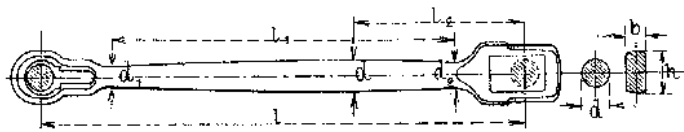
Фиг. 215.



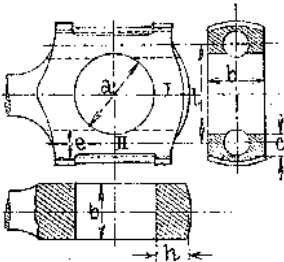
Фиг. 219.



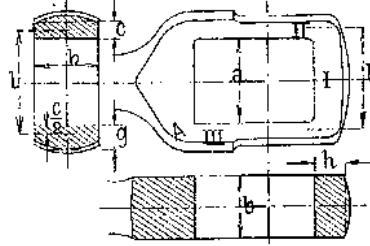
Фиг. 220.



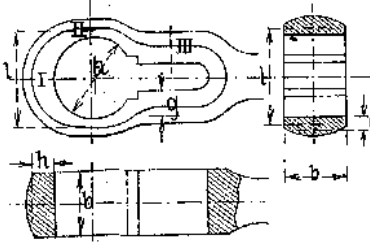
Фиг. 222.



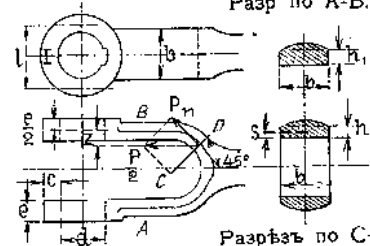
Фиг. 223.



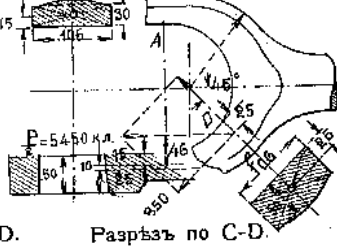
Фиг. 224.



Фиг. 225.



Разрѣзъ по А-В.

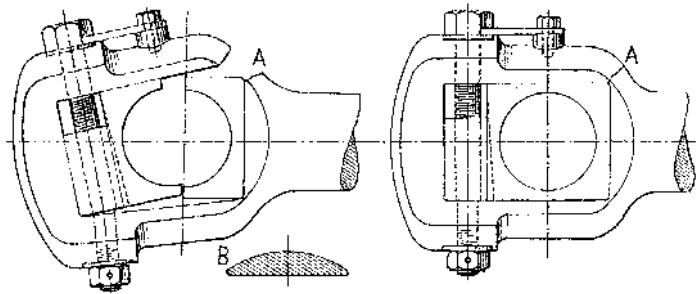


Фиг. 226.

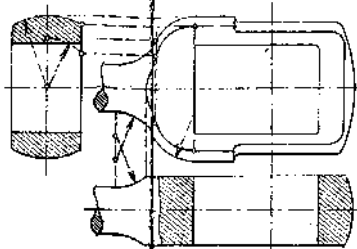
Разрѣзъ по С-Д.

Разрѣзъ по С-Д.

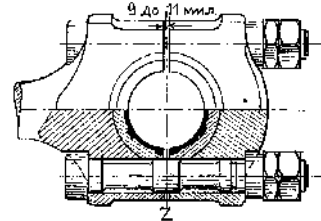
Фиг. 227.



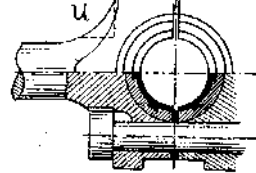
Фиг. 228.



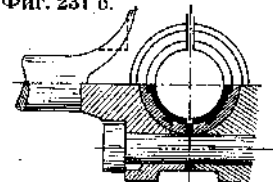
Фиг. 229.



Фиг. 231 а.



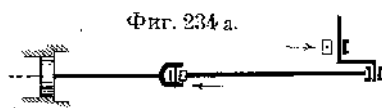
Фиг. 231 б.



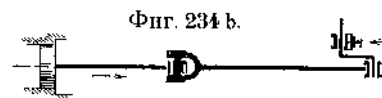
Фиг. 230.



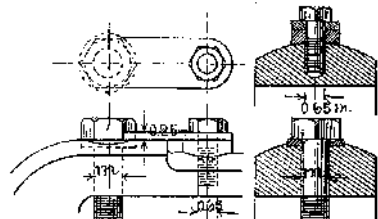
Фиг. 234 а.



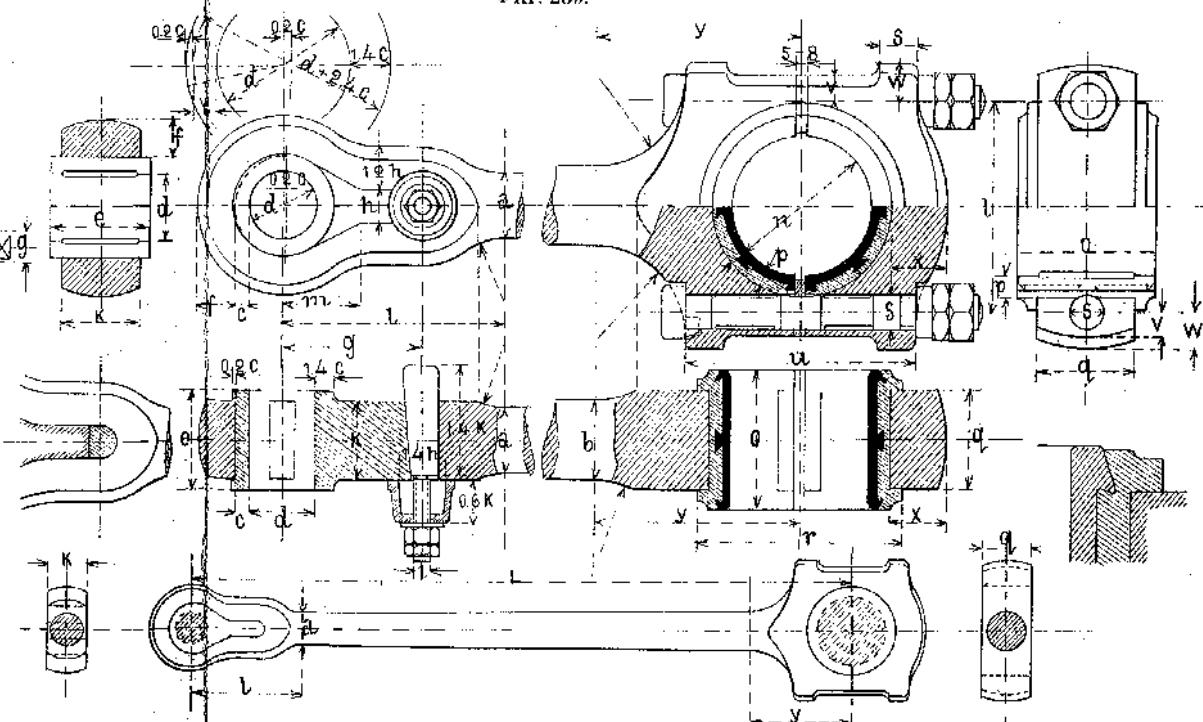
Фиг. 234 б.



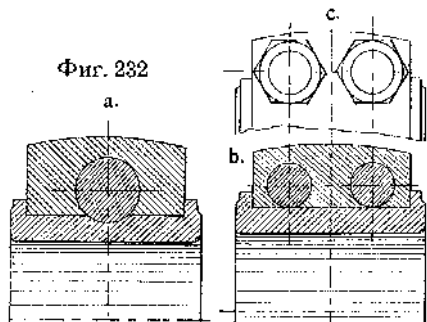
Фиг. 236.



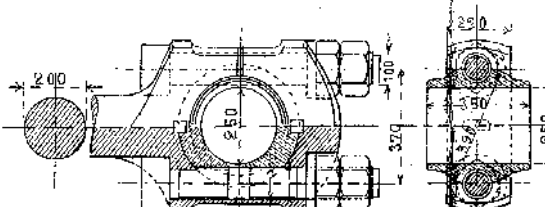
Фиг. 239.



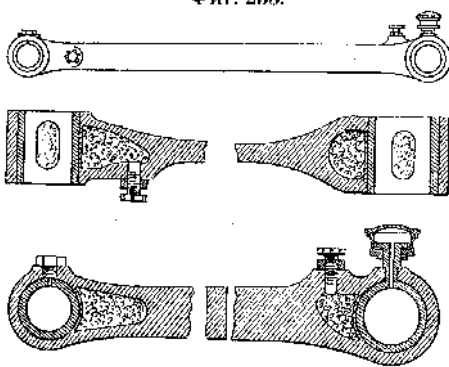
Фиг. 232



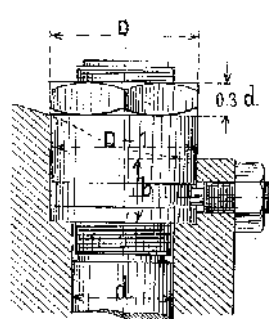
Фиг. 233.



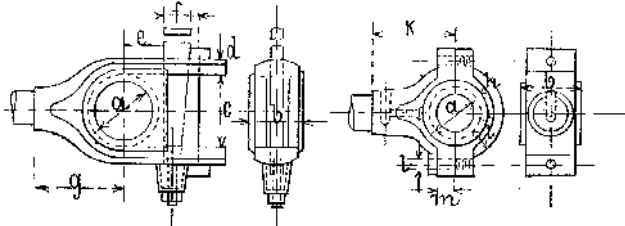
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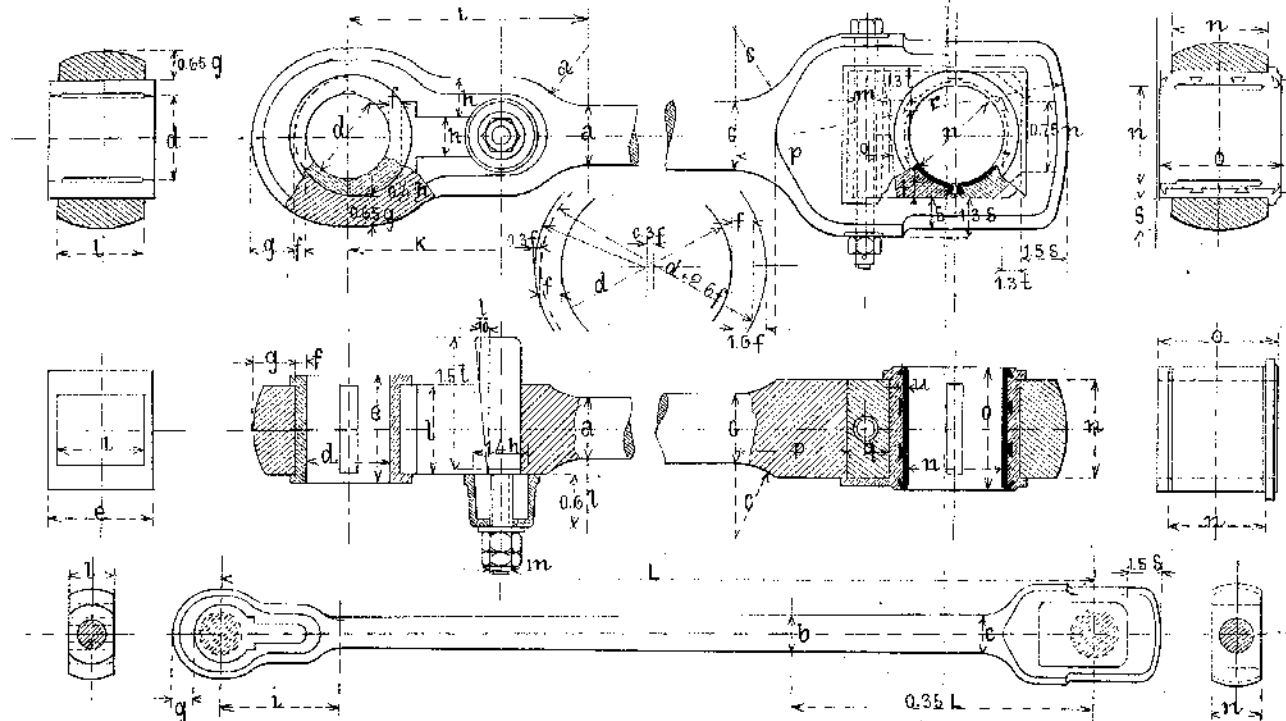
Фиг. 237



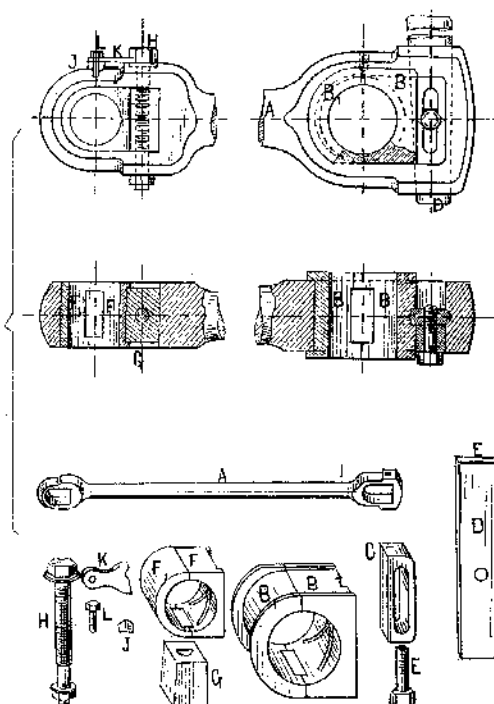
Фиг. 338.



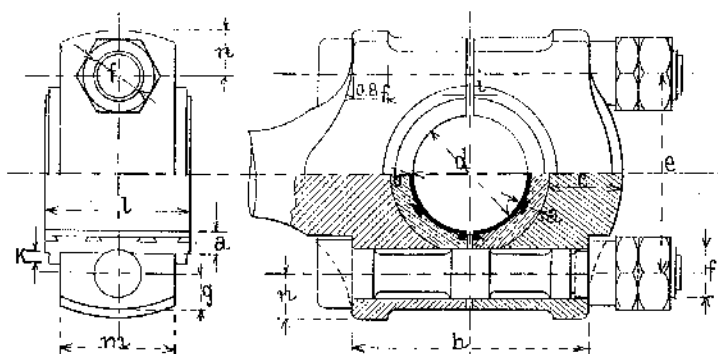
Фиг. 240.



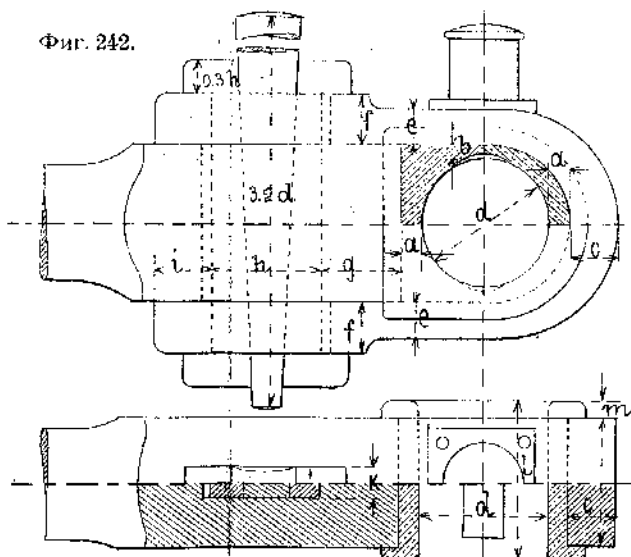
Фиг. 243.



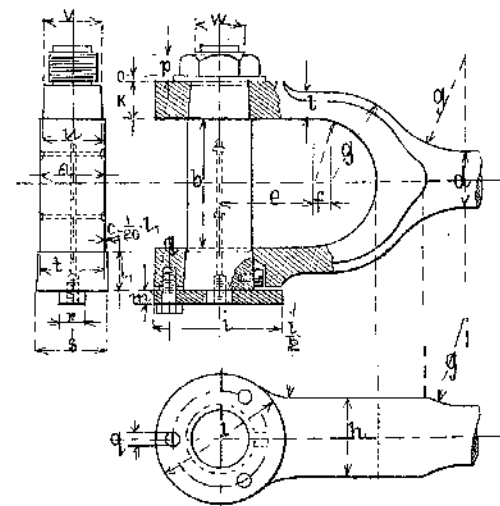
Фиг. 241.



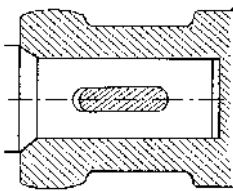
Фиг. 242.



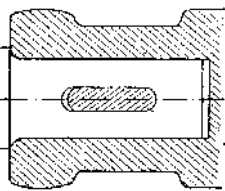
Фиг. 244.



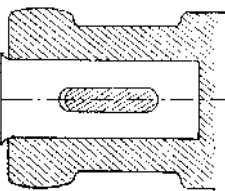
Фиг. 245 а.



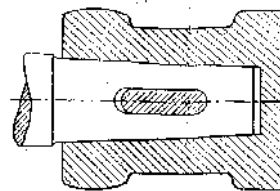
Фиг. 245 б.



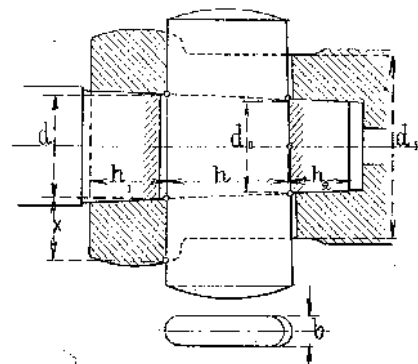
Фиг. 245 с.



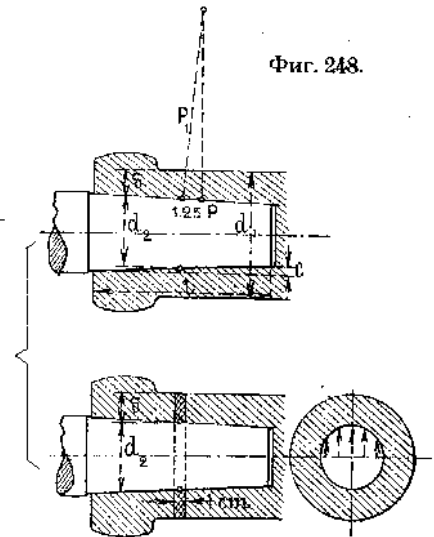
Фиг. 246.



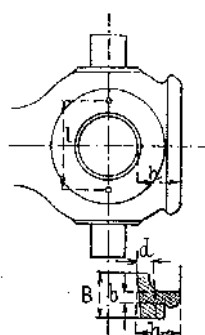
Фиг. 247.



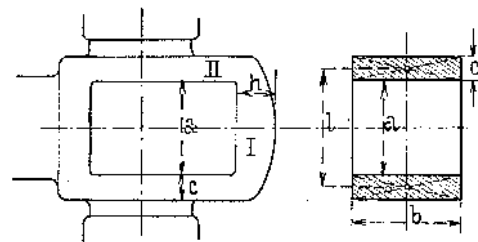
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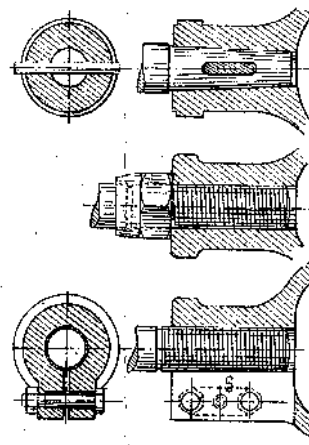
Фиг. 249.



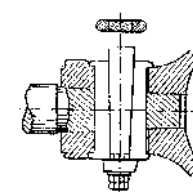
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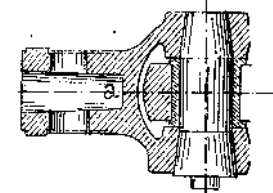
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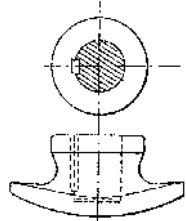
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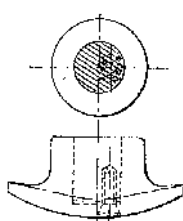
Фиг. 254.



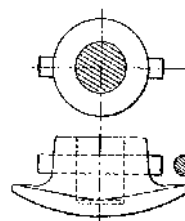
Фиг. 257 а.



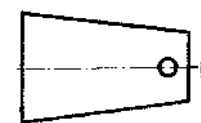
Фиг. 257 б.



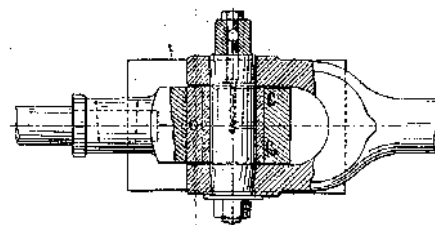
Фиг. 257 с.



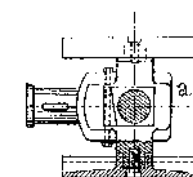
Фиг. 253.



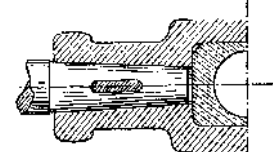
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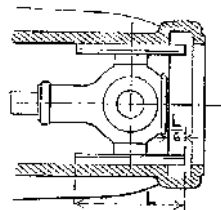
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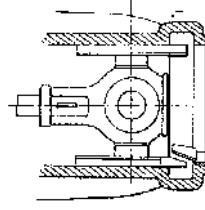
Фиг. 255.



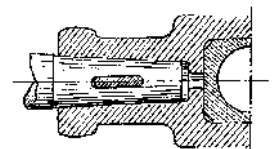
Фиг. 258.



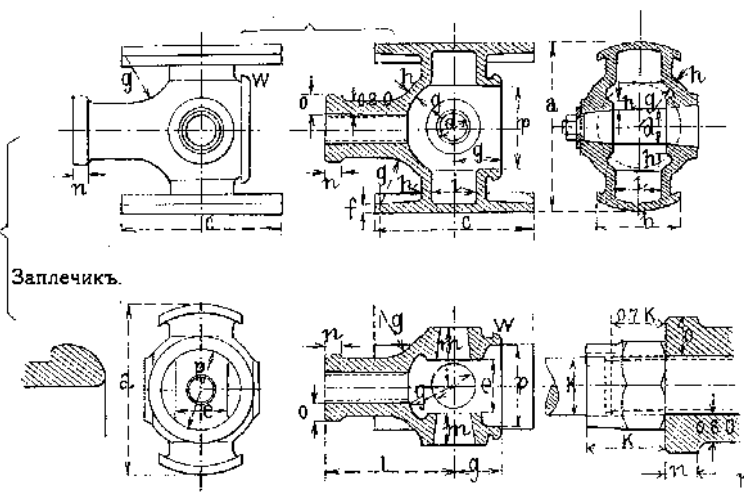
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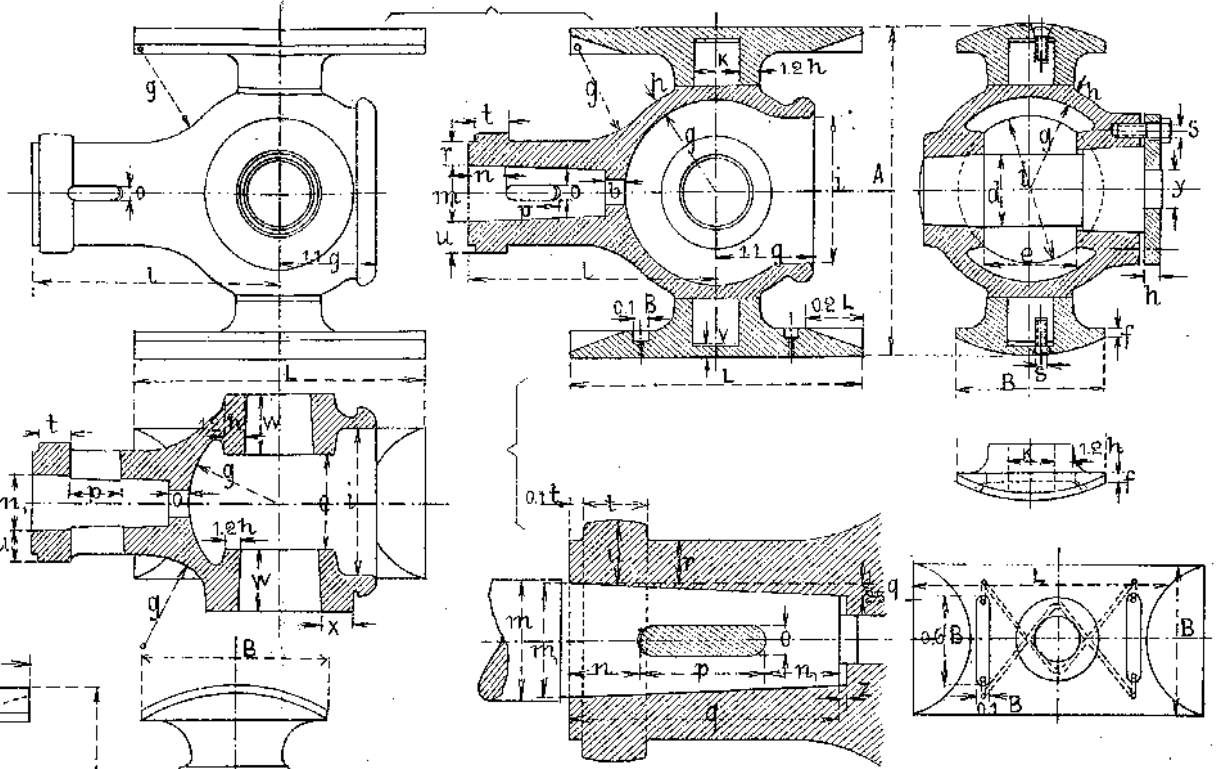
Фиг. 256.



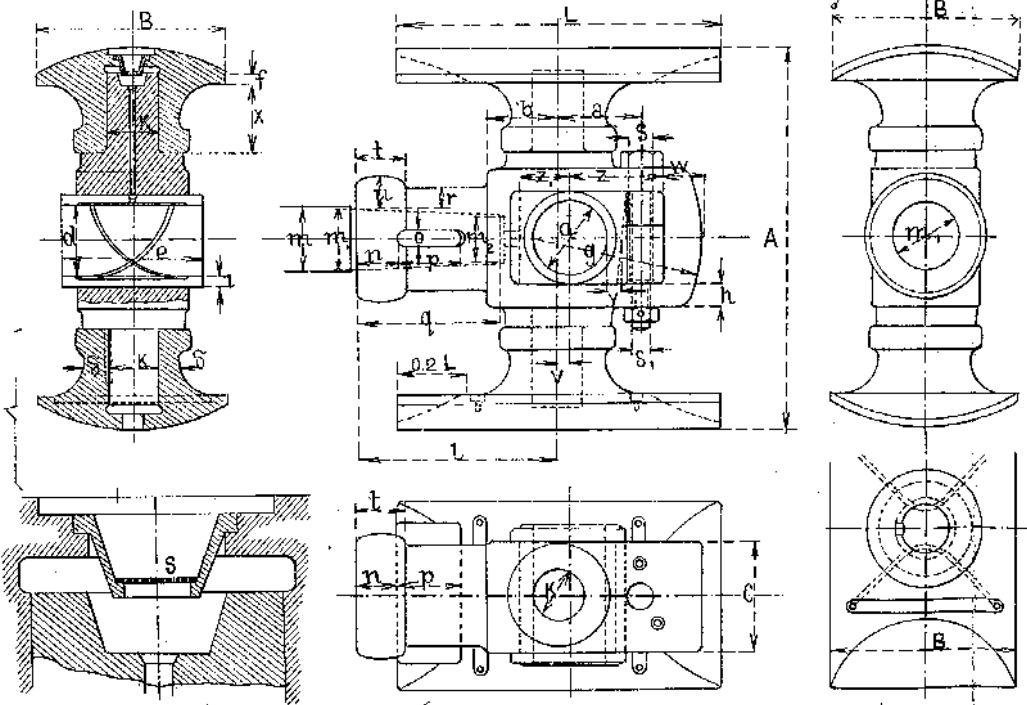
Фиг. 262.



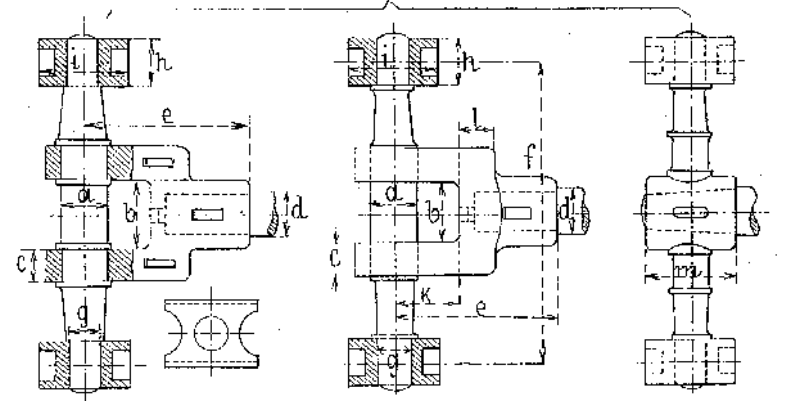
Фиг. 263.



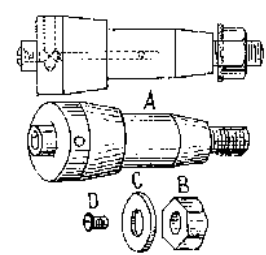
Фиг. 264.



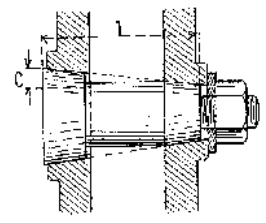
Фиг. 265.



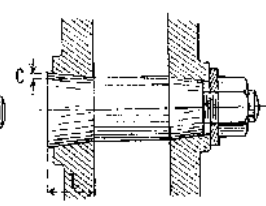
Фиг. 266 а.



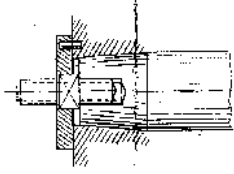
Фиг. 266 б.



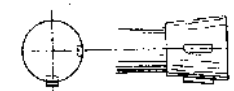
Фиг. 266 в.



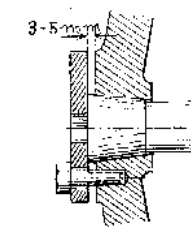
Фиг. 267.



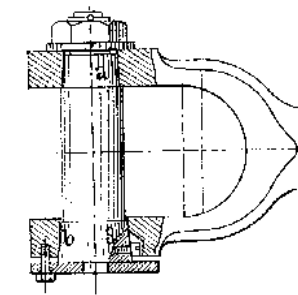
Фиг. 269.



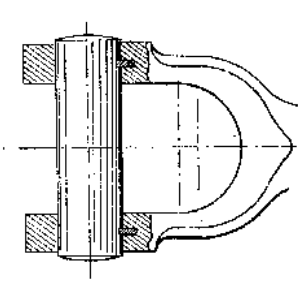
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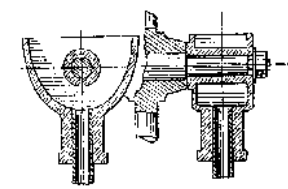
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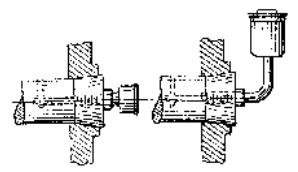
Фиг. 271.



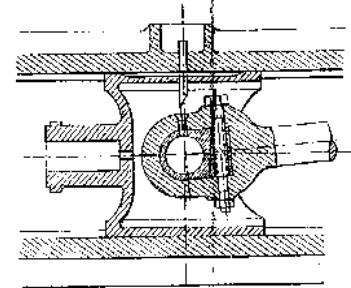
Фиг. 273.



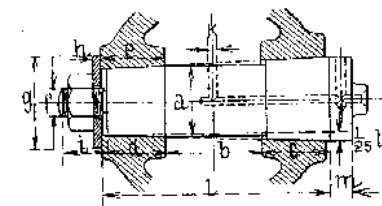
Фиг. 276.



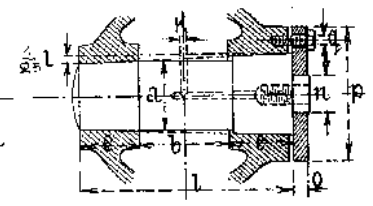
Фиг. 272.



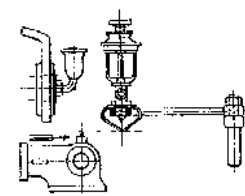
Фиг. 277 а.



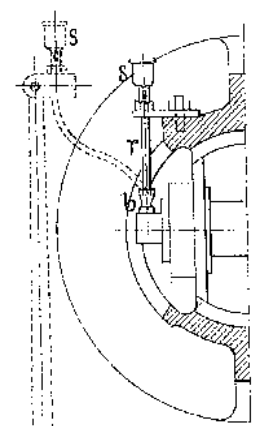
Фиг. 277 б.



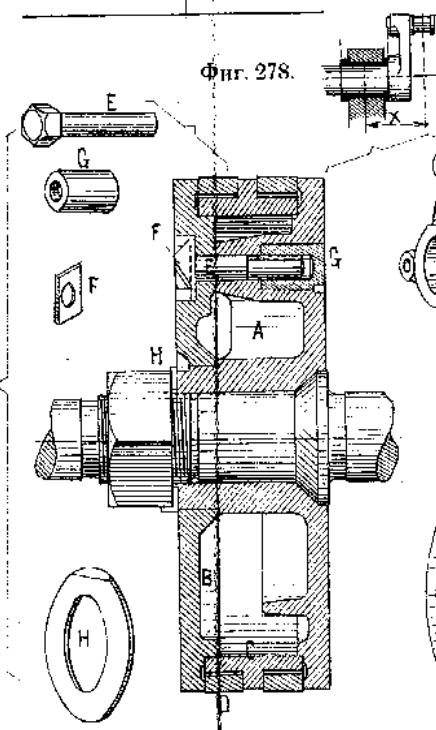
Фиг. 274.



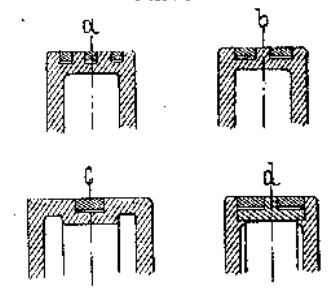
Фиг. 275.



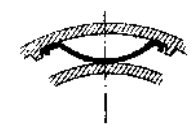
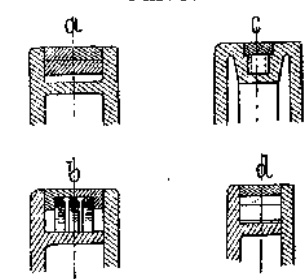
Фиг. 278.



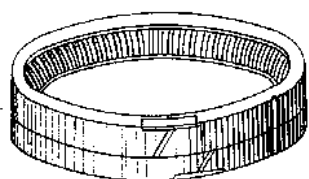
Фиг. 279.



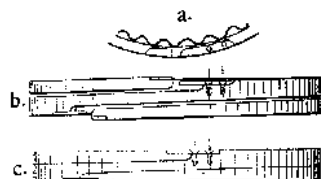
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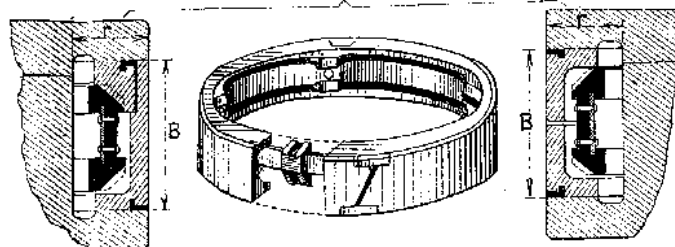
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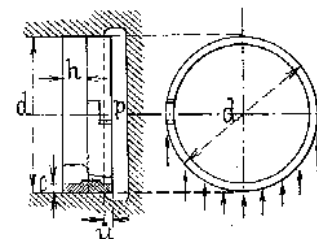
Фиг. 282.



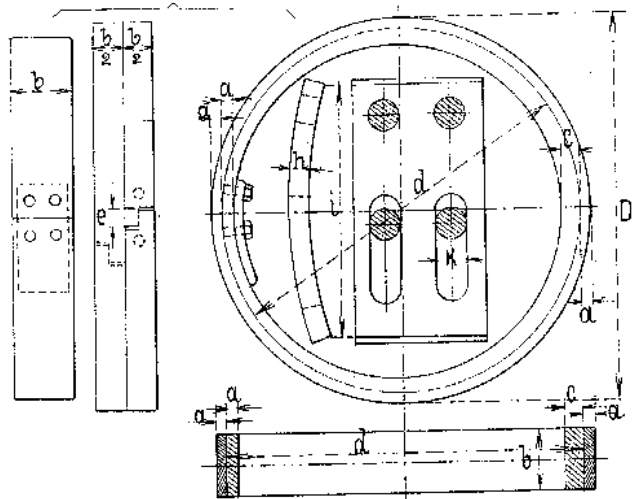
Фиг. 283.



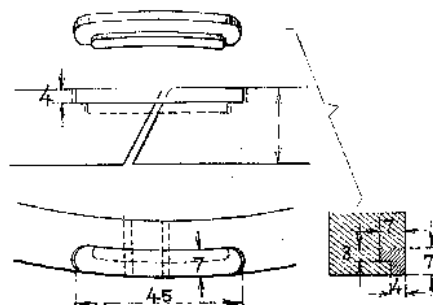
Фиг. 285.



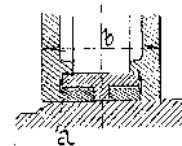
Фиг. 288.



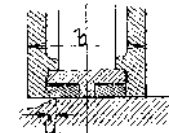
Фиг. 292.



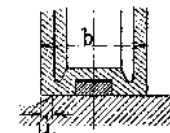
Фиг. 284 а.



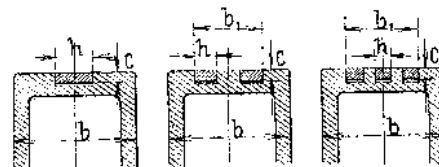
Фиг. 284 а1.



Фиг. 284 а2.



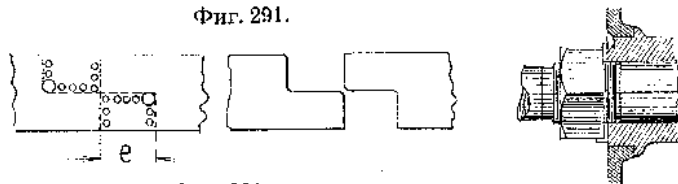
Фиг. 286.



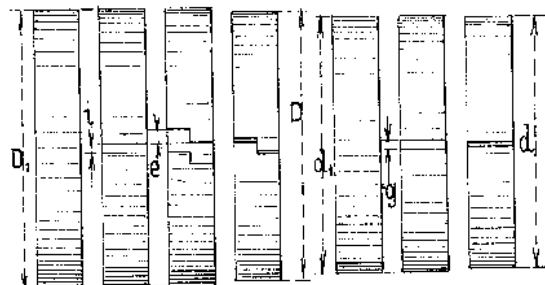
Фиг. 287.



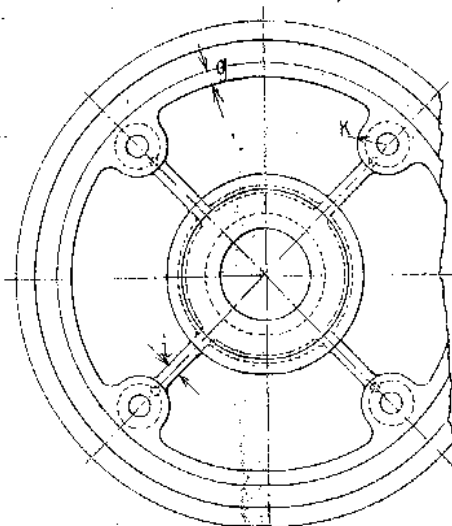
Фиг. 291.



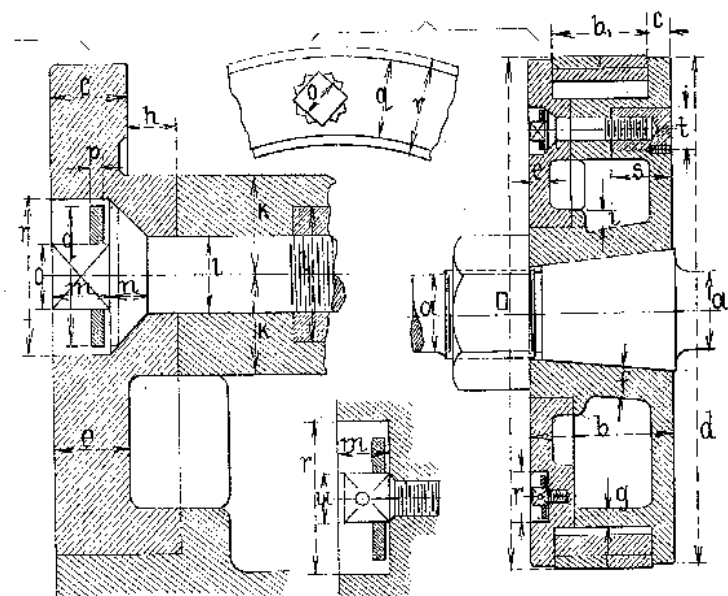
Фиг. 289.



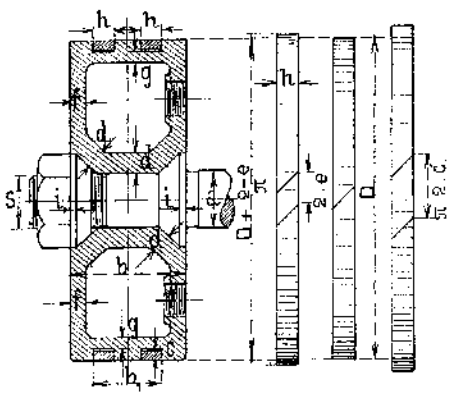
Фиг. 290.



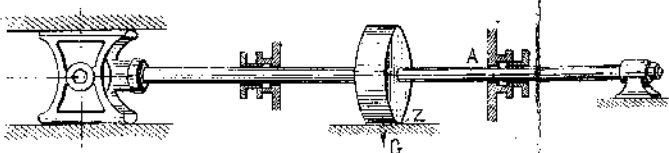
Фиг. 293.



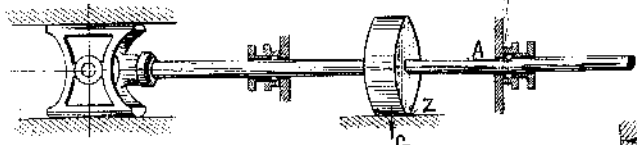
Фиг. 294.



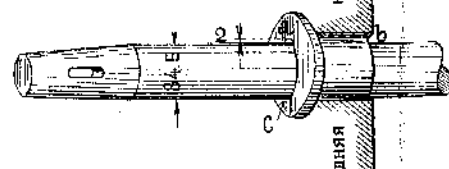
Фиг. 295.



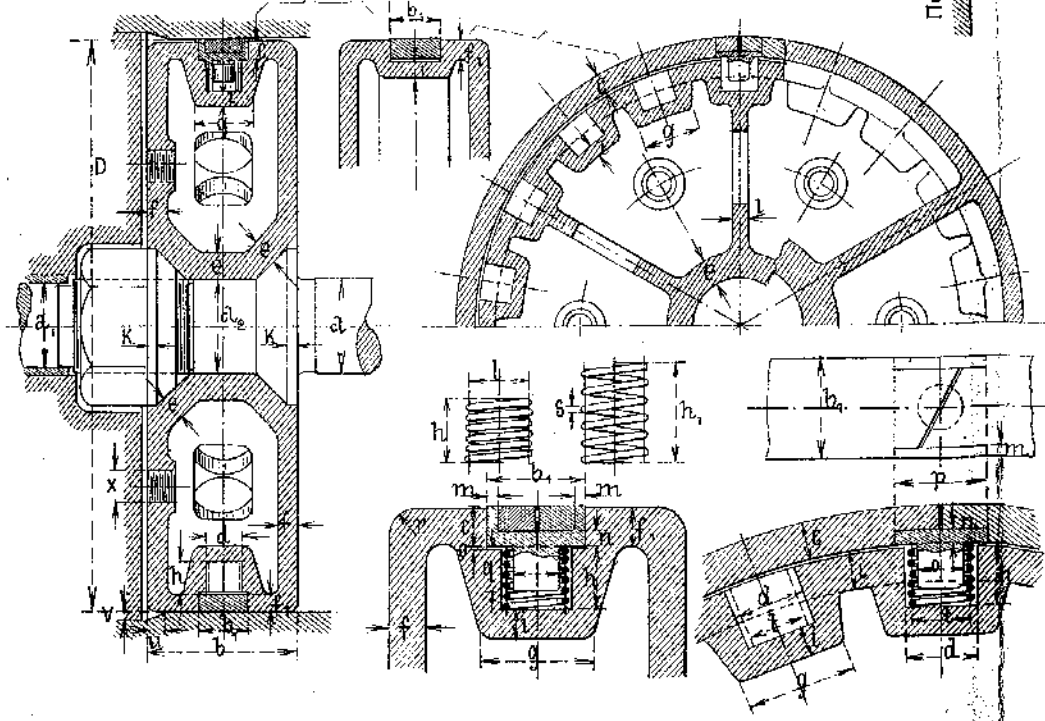
Фиг. 296.



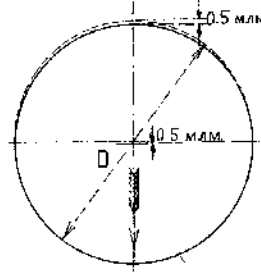
Фиг. 297.



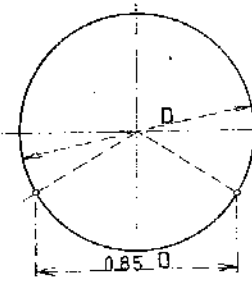
Фиг. 304.



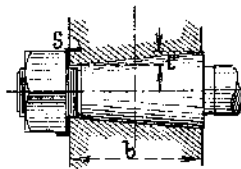
Фиг. 298.



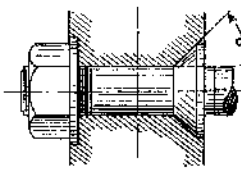
Фиг. 300.



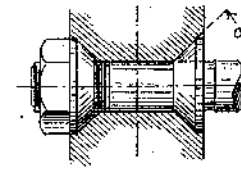
Фиг. 306 а.



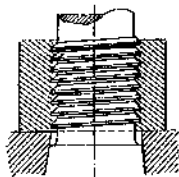
Фиг. 306 а1.



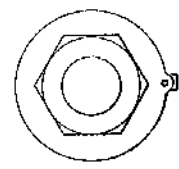
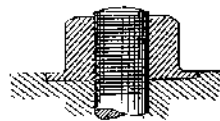
Фиг. 306 а2.



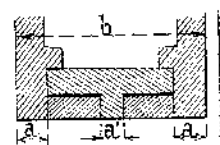
Фиг. 310.



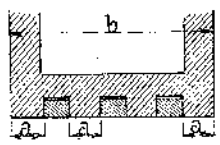
Фиг. 311.



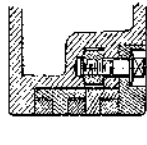
Фиг. 301.



Фиг. 302.



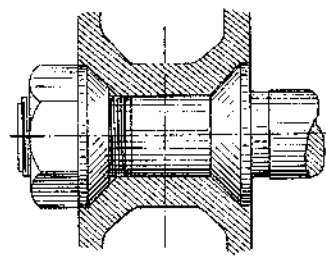
Фиг. 303.



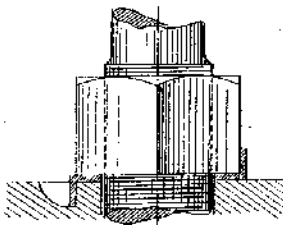
Фиг. 305.



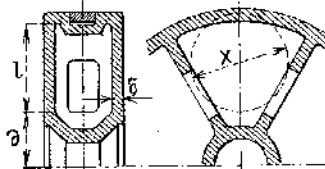
Фиг. 309.



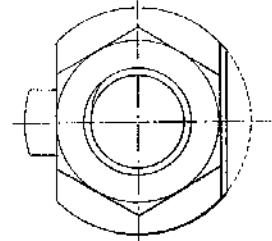
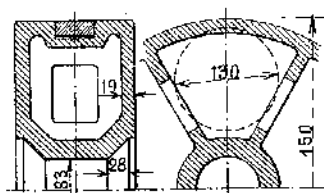
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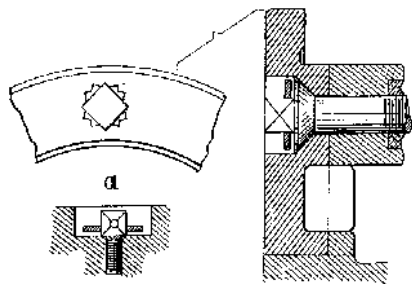
Фиг. 307.



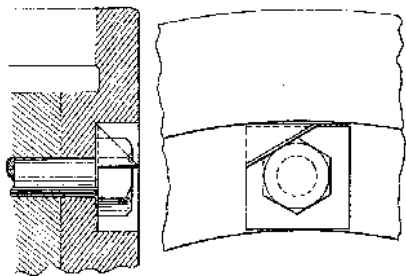
Фиг. 308.



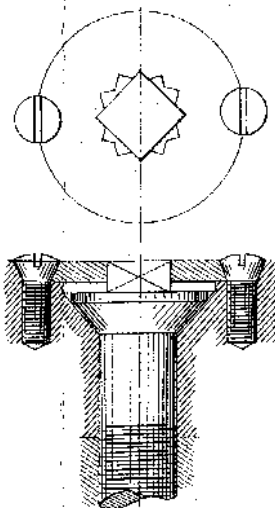
Фиг. 313.



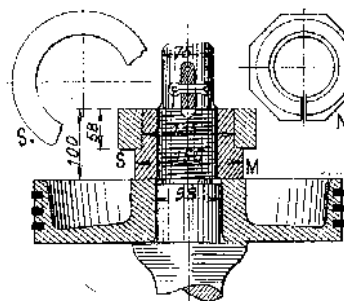
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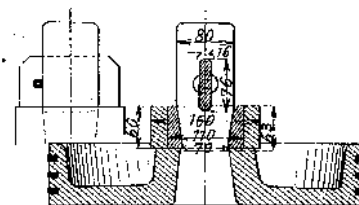
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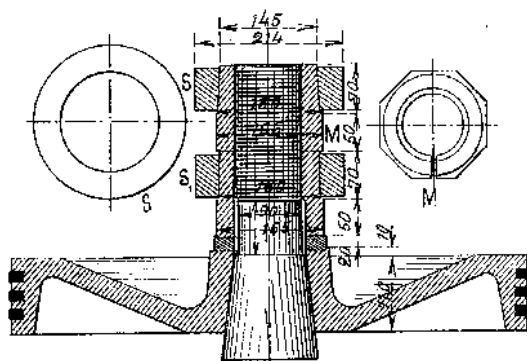
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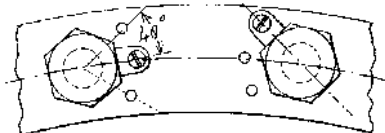
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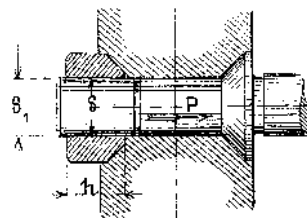
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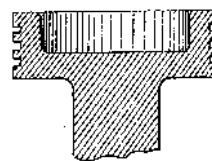
Фиг. 315.



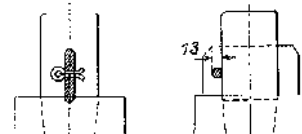
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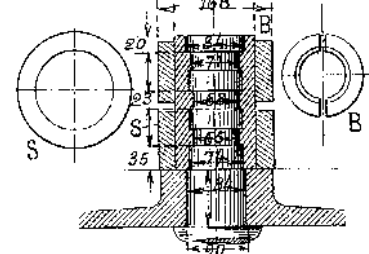
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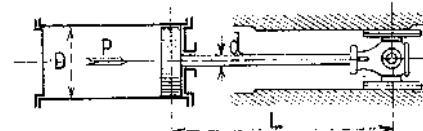
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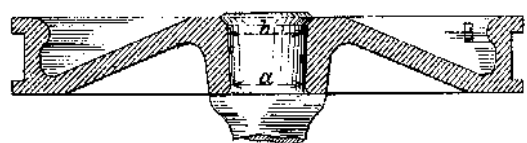
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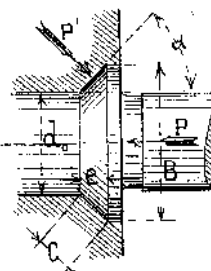
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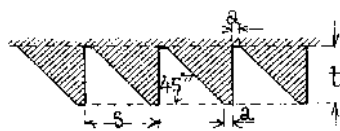
Фиг. 322.



Фиг. 326.



Фиг. 327.

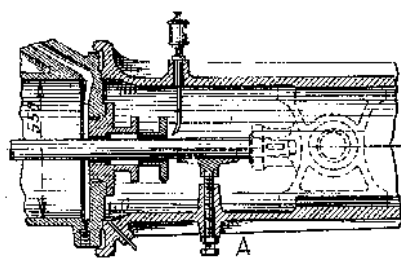


Фиг. 328.

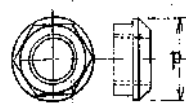


Поршн. штокъ.

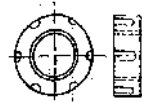
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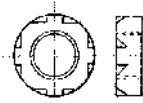
Фиг. 329 б.



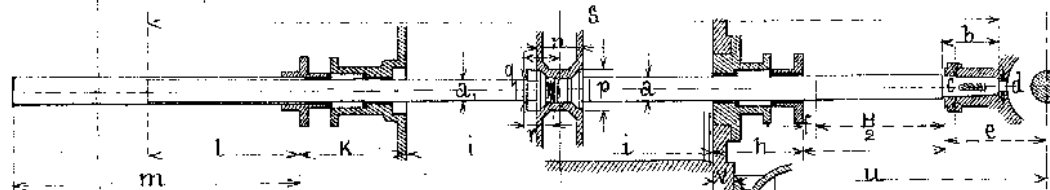
Фиг. 329 с.



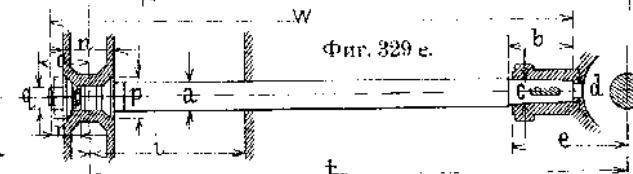
Фиг. 329 д.



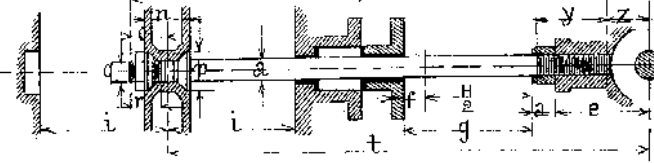
Фиг. 329 а.



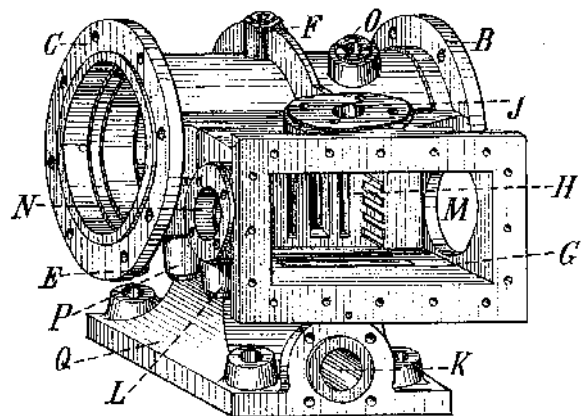
Фиг. 329 е.



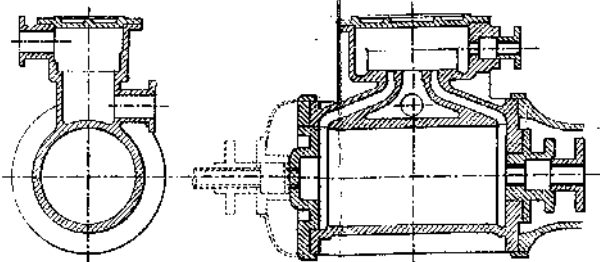
Фиг. 329 ф.



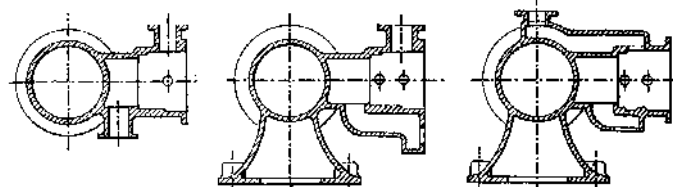
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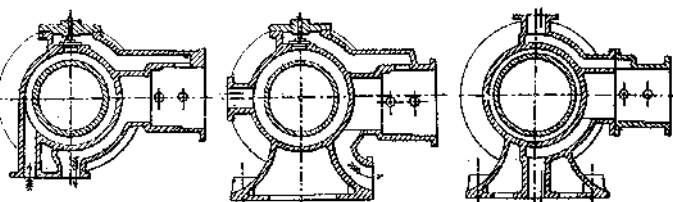
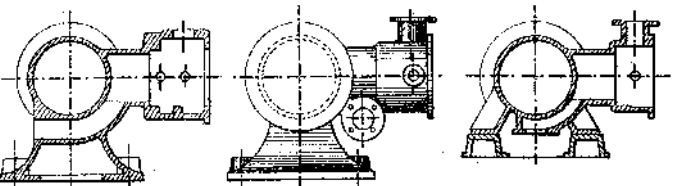
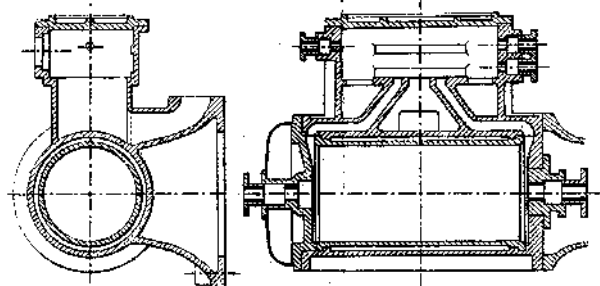
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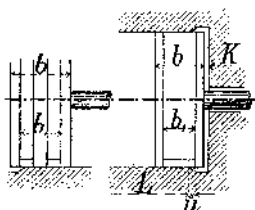
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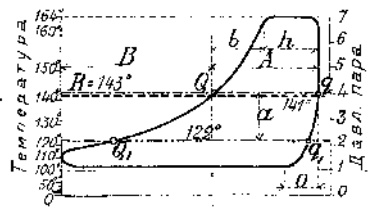
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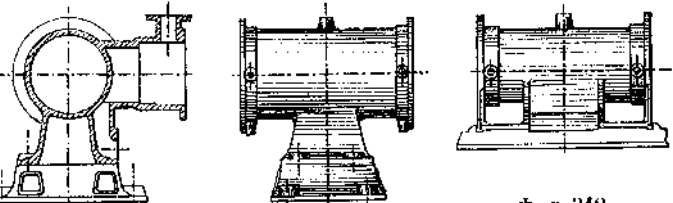
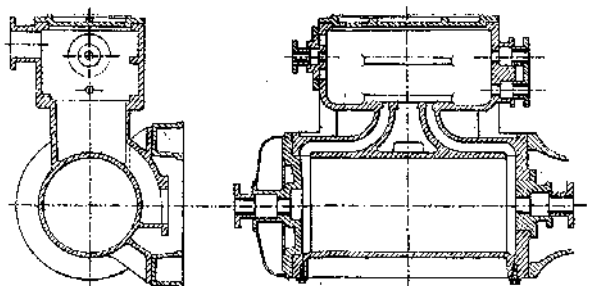
Фиг. 331.



Фиг. 339.

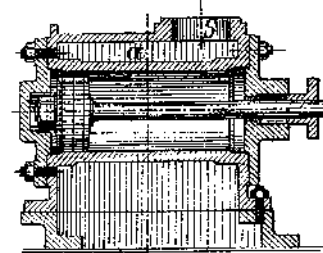


Фиг. 336.

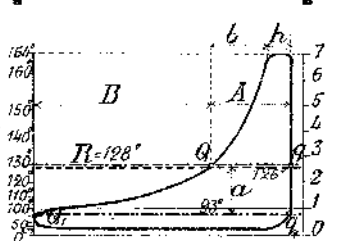
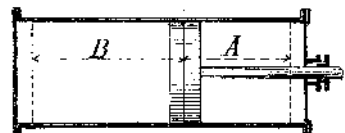
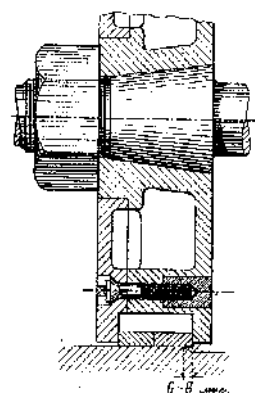


Фиг. 338.

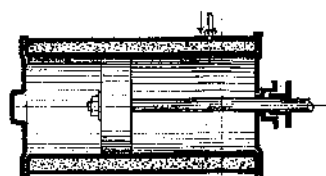
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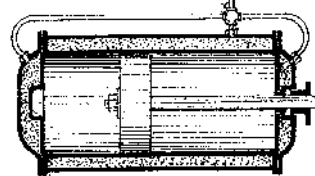
Фиг. 332.



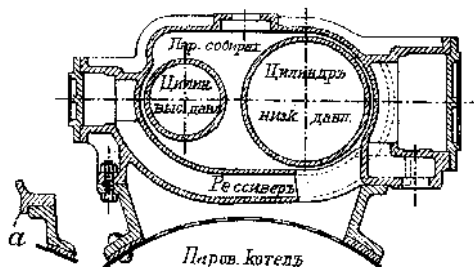
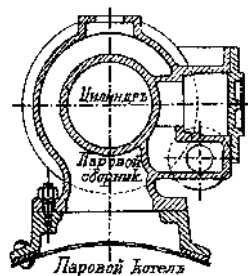
Фиг. 340.



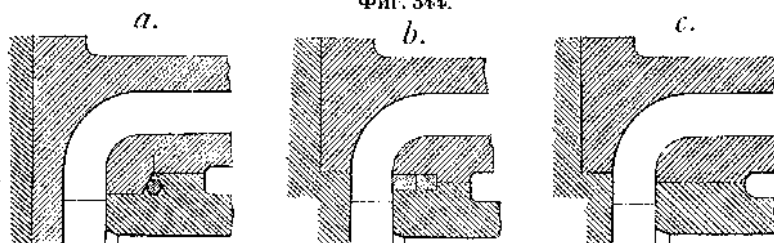
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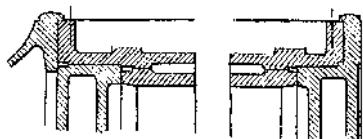
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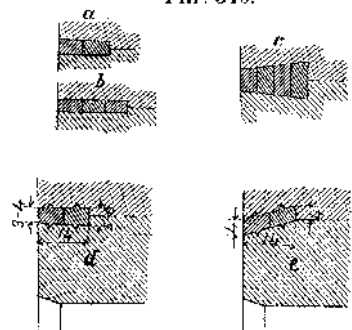
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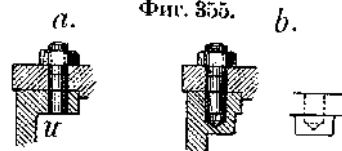
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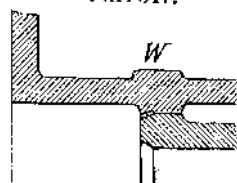
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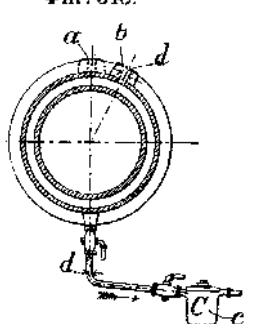
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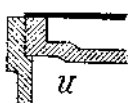
Фиг. 347.



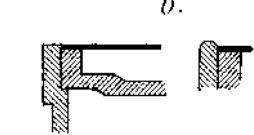
Фиг. 348.



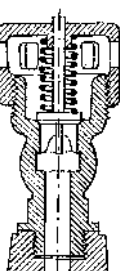
а.



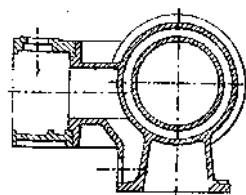
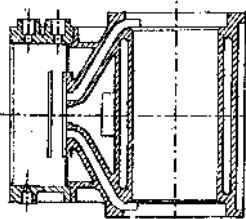
Фиг. 356.



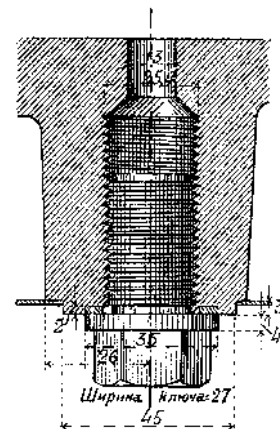
Фиг. 357.



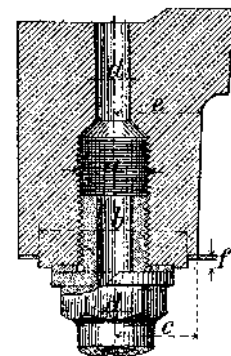
Фиг. 350.



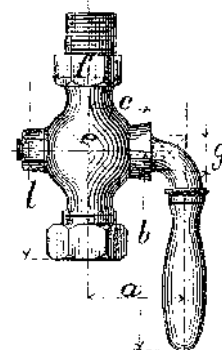
Фиг. 349.



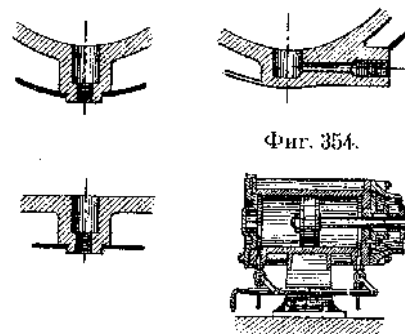
Фиг. 351.



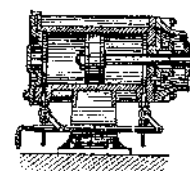
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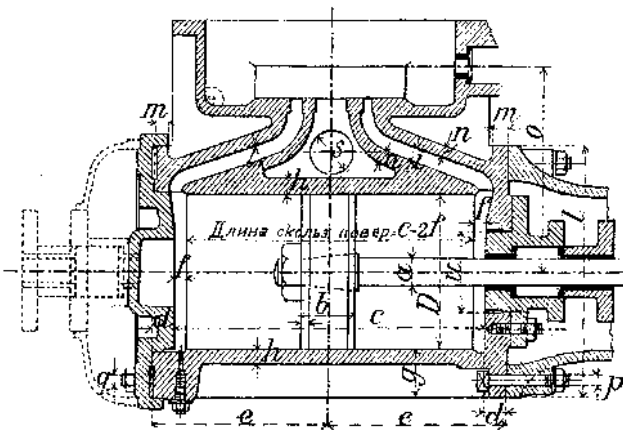
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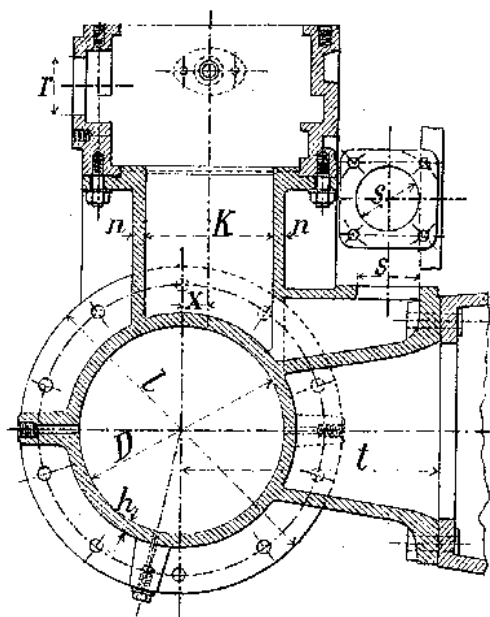
Фиг. 354.



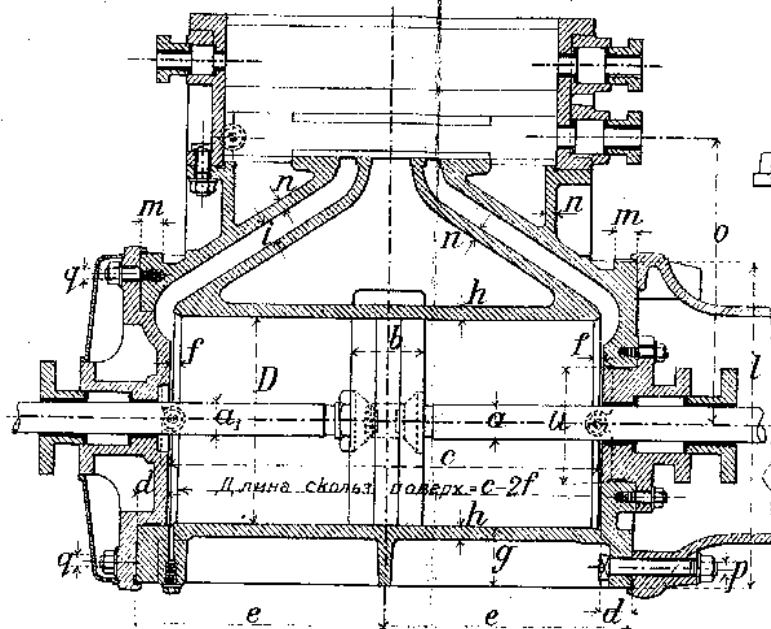
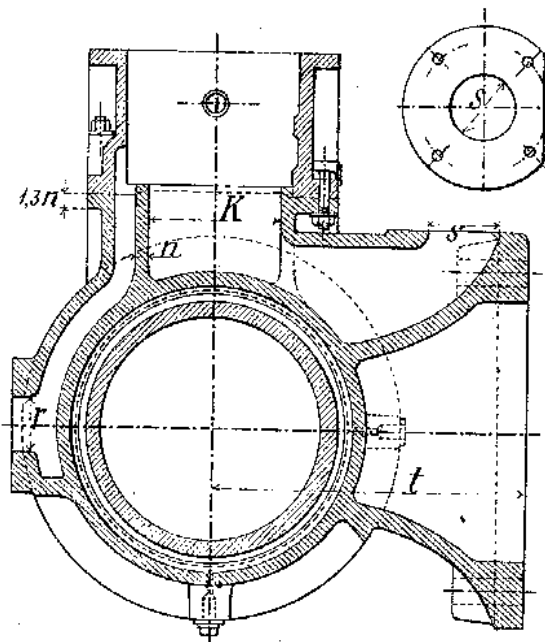
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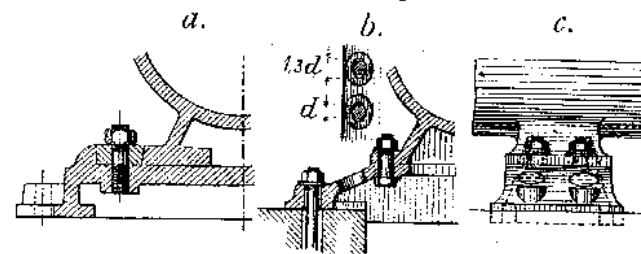
Фиг. 359.



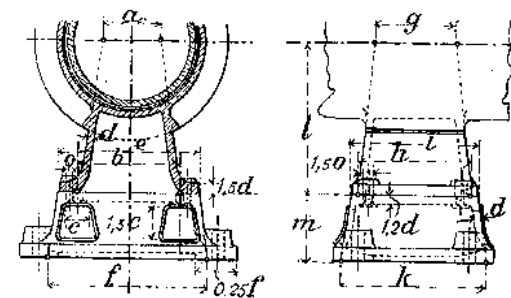
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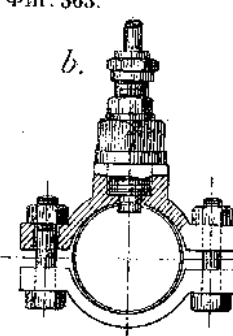
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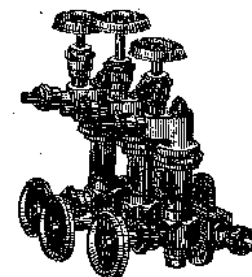
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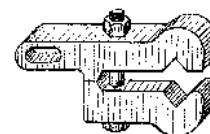
Фиг. 363.



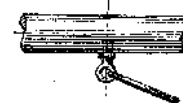
Фиг. 368.



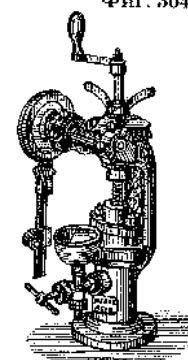
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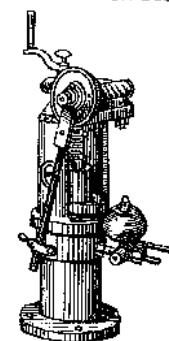
Фиг. 367.

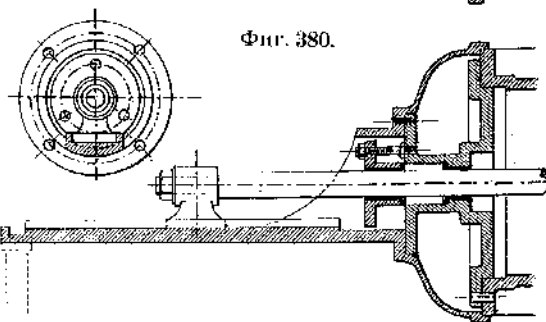
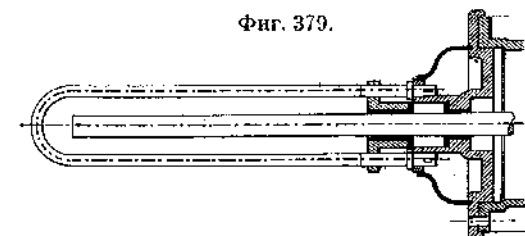
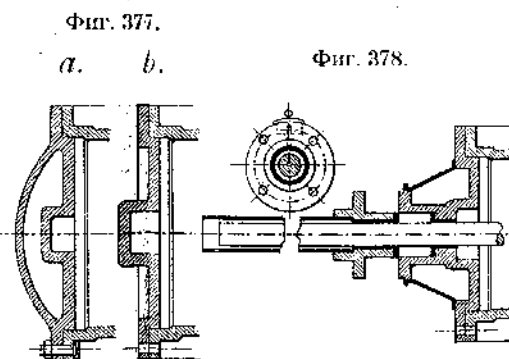
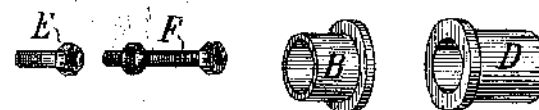
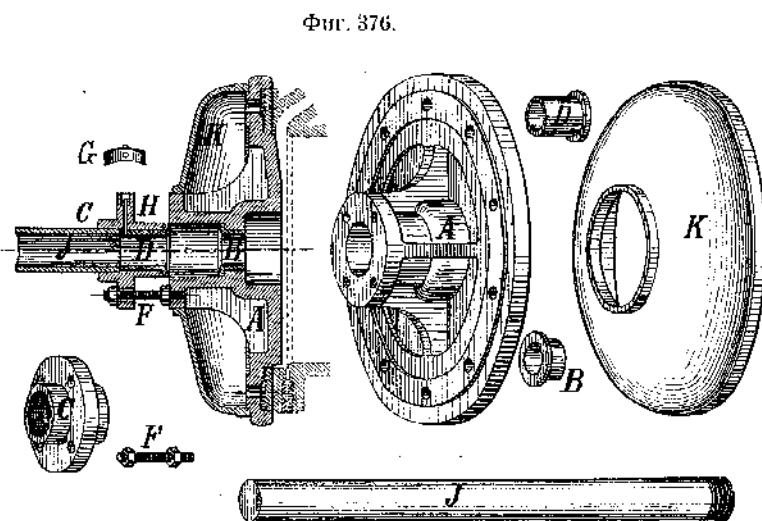
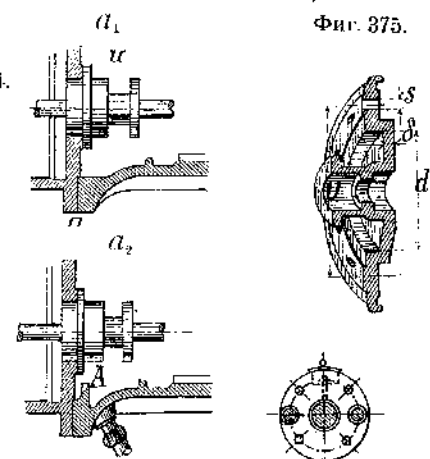
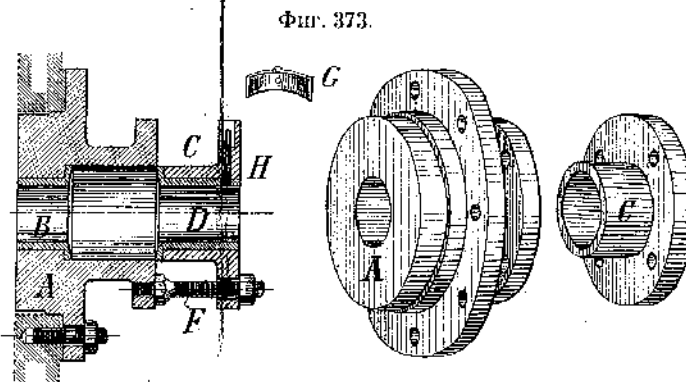
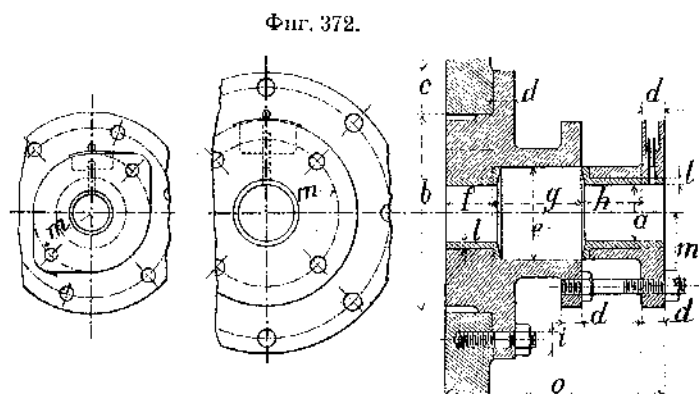
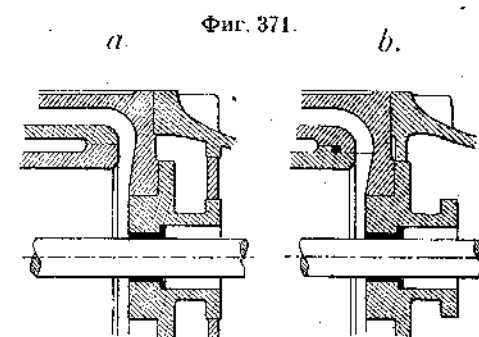
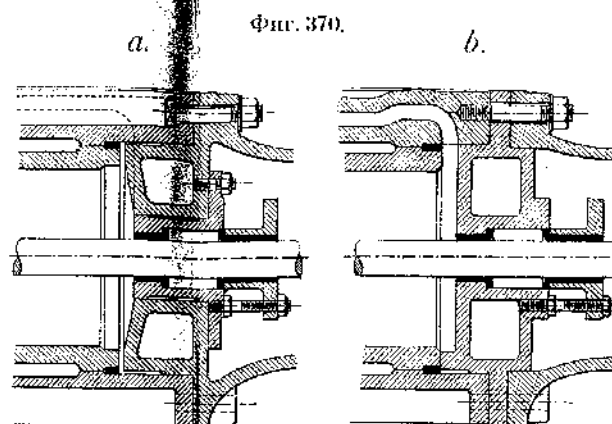
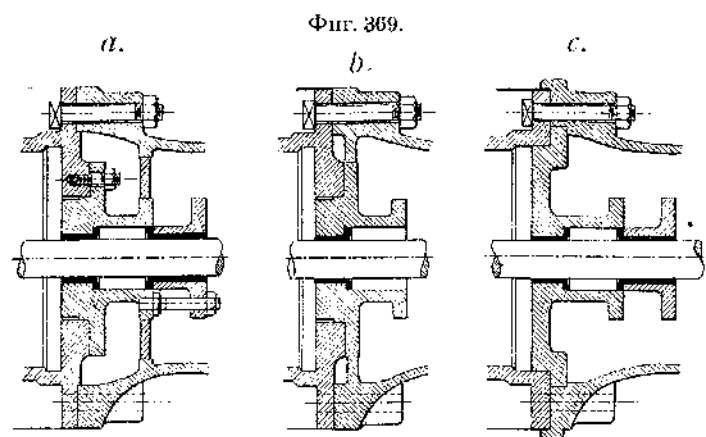


Фиг. 364.

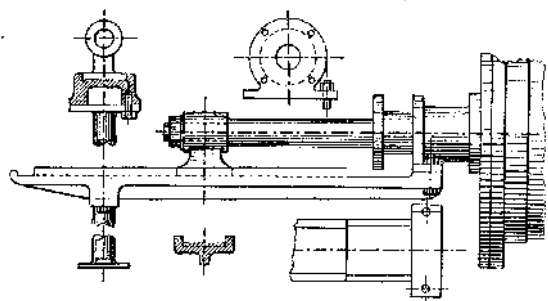


Фиг. 365.

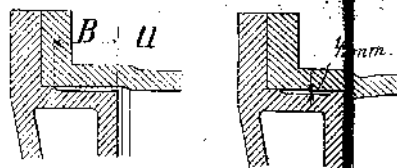




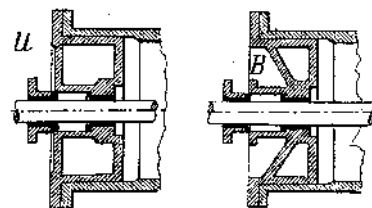
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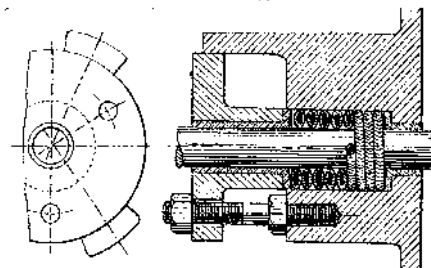
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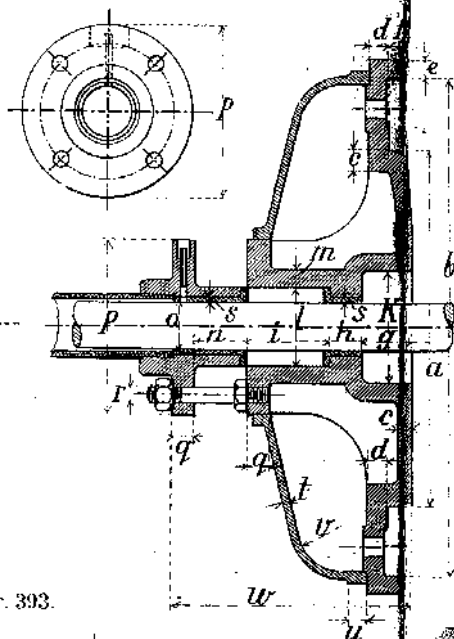
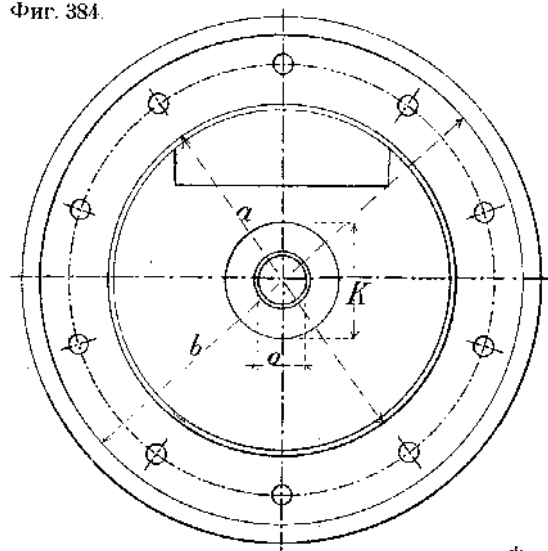
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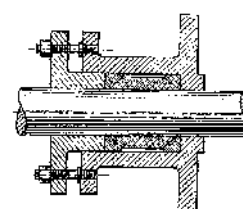
Фиг. 385.



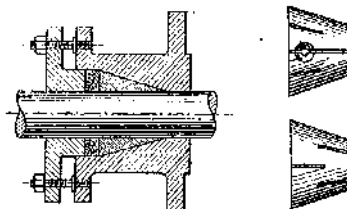
Фиг. 384.



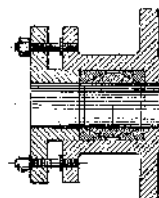
Фиг. 386.



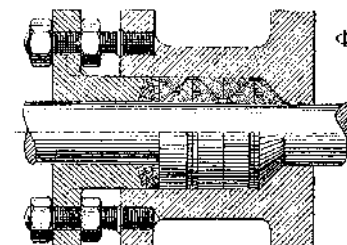
Фиг. 388.



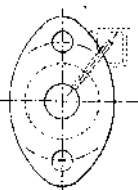
Фиг. 387.



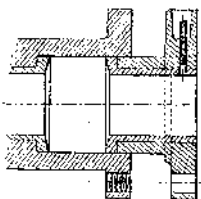
Фиг. 389.



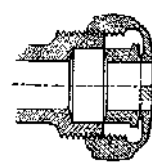
Фиг. 392.



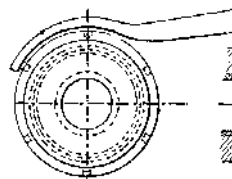
Фиг. 393.



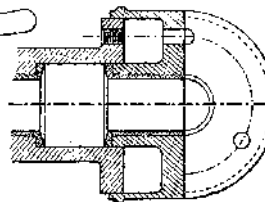
Фиг. 396.



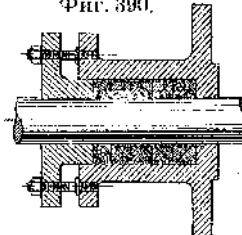
Фиг. 396.



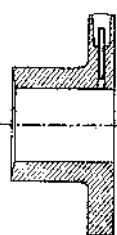
Фиг. 397.



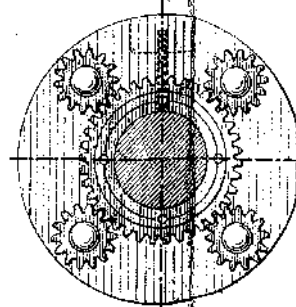
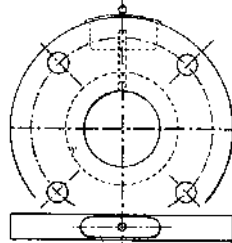
Фиг. 390.



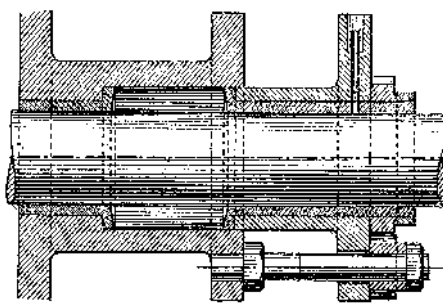
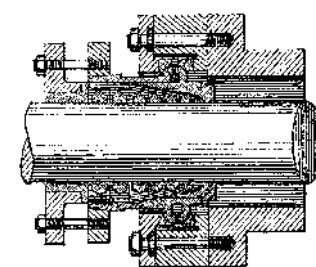
Фиг. 394.



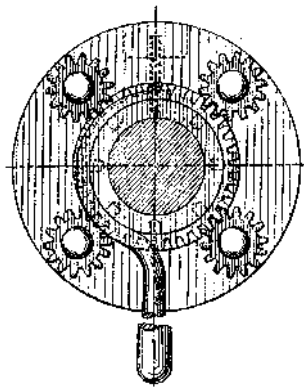
Фиг. 395.



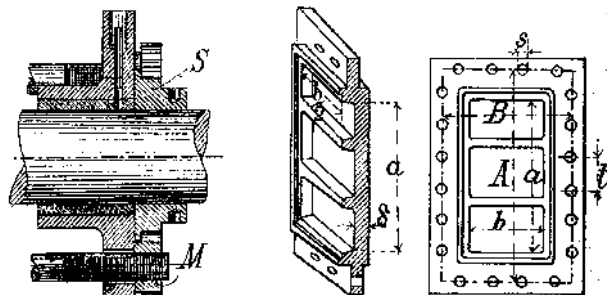
Фиг. 391.



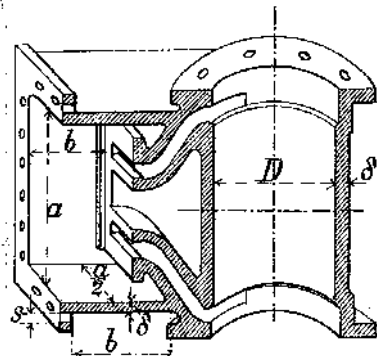
Фиг. 399.



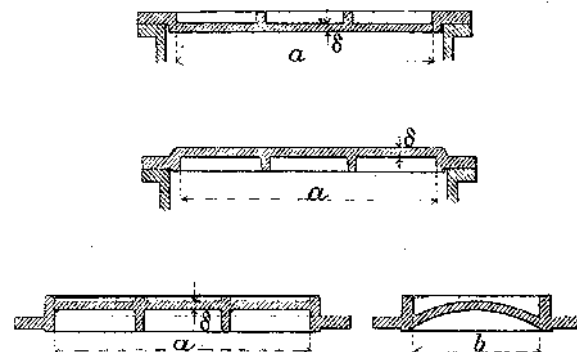
Фиг. 400.



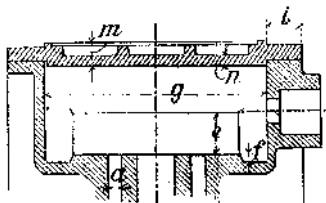
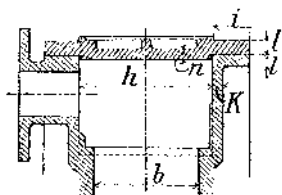
Фиг. 401.



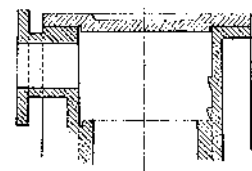
Фиг. 402.



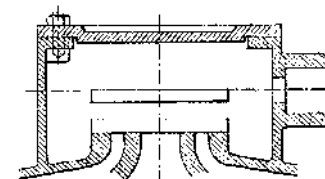
Фиг. 496.



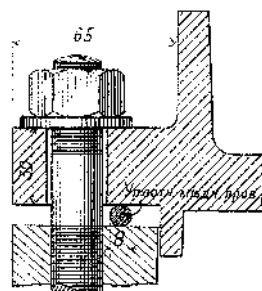
Фиг. 413.



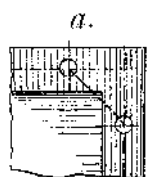
Фиг. 414.



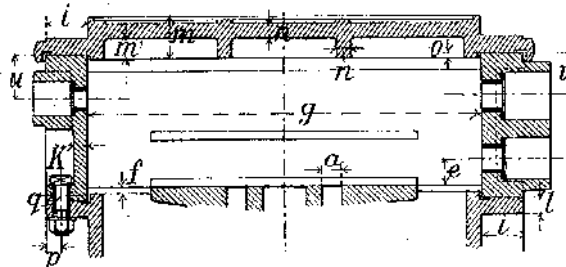
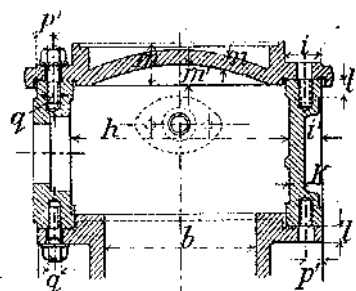
Фиг. 403.



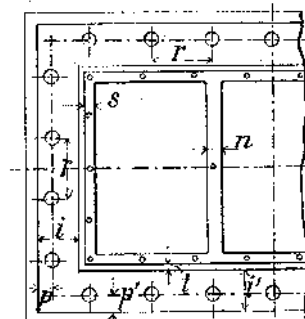
Фиг. 405.



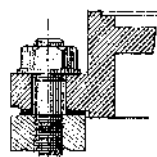
Фиг. 407—410.



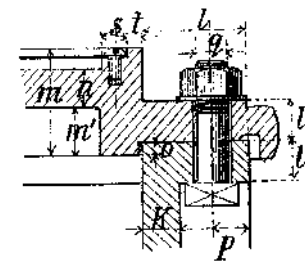
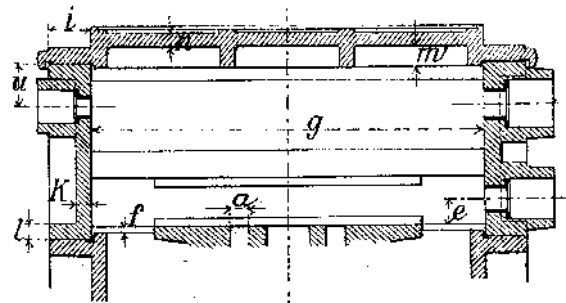
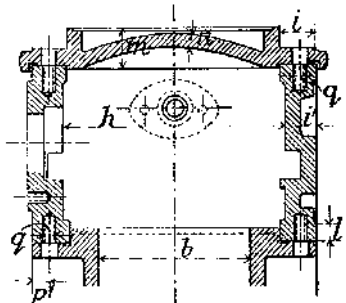
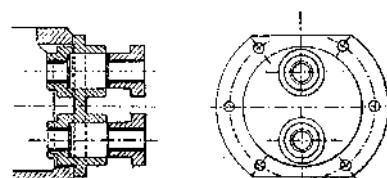
Фиг. 411—412.



Фиг. 404.

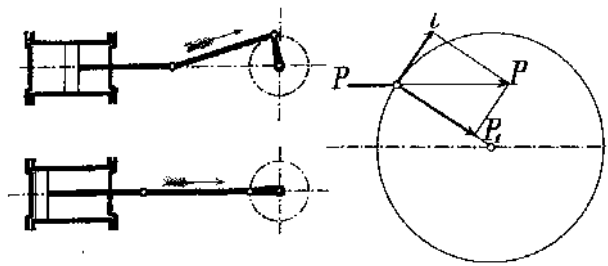


Фиг. 415.

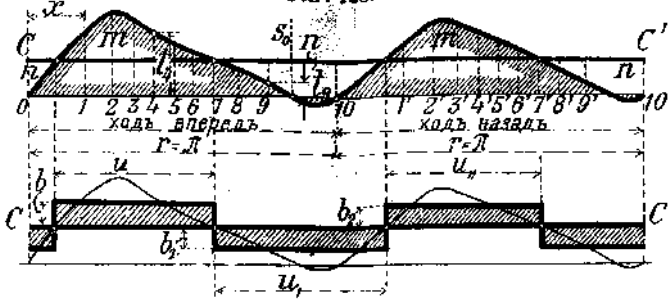


Фиг. 416.

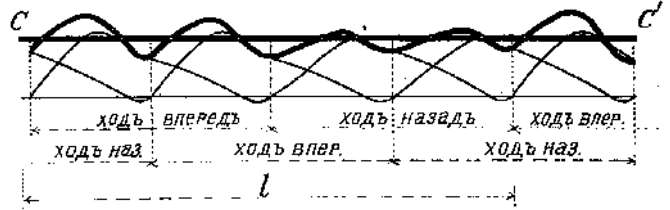
Фиг. 417.



Фиг. 423.

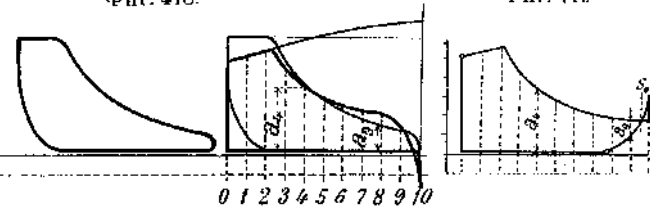


Фиг. 424.

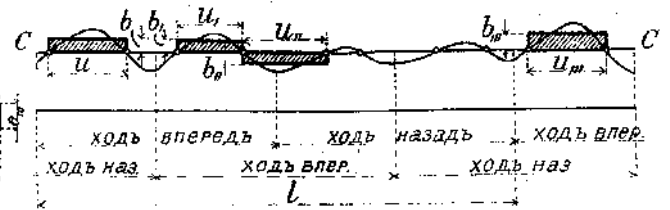


Фиг. 418.

Фиг. 419.

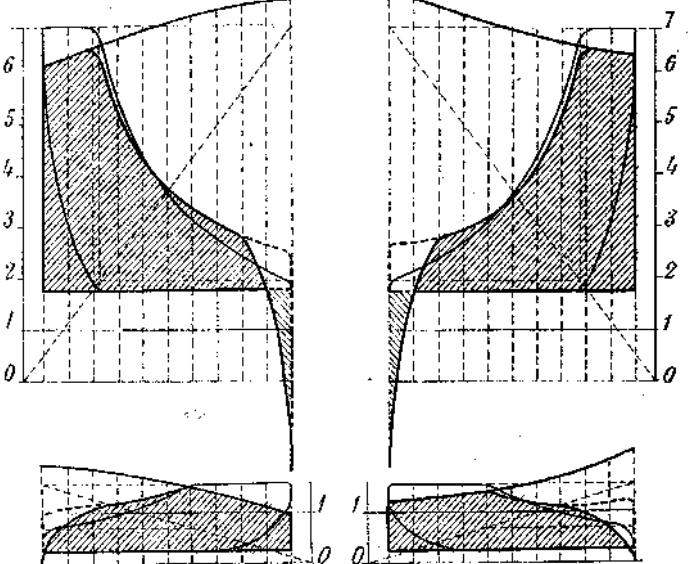


Фиг. 425.

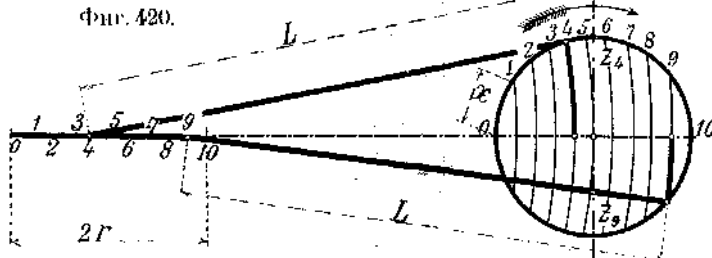


Фиг. 427.

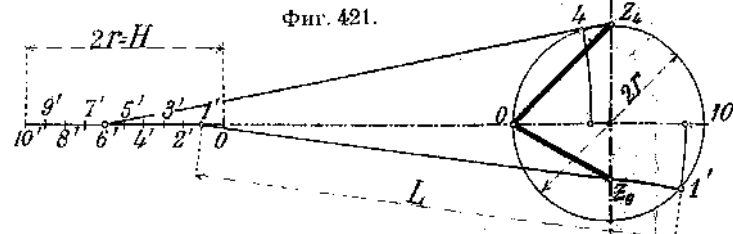
Фиг. 428.



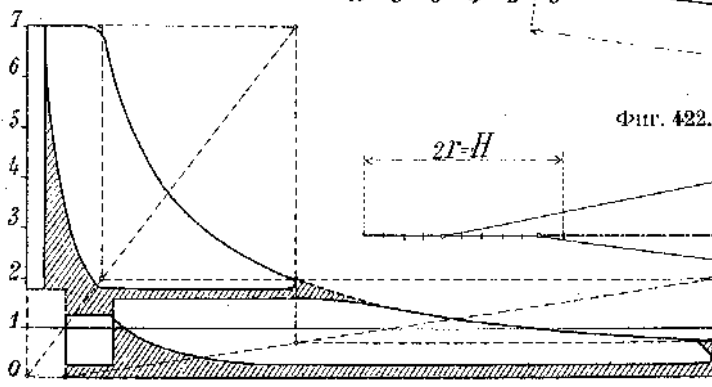
Фиг. 420.



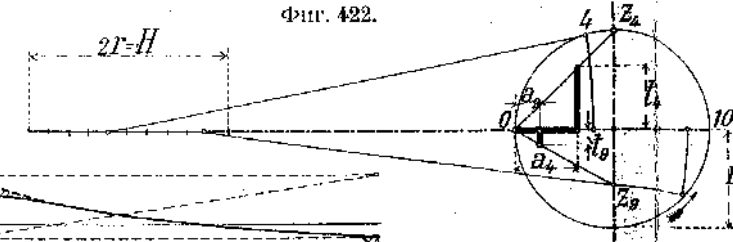
Фиг. 421.



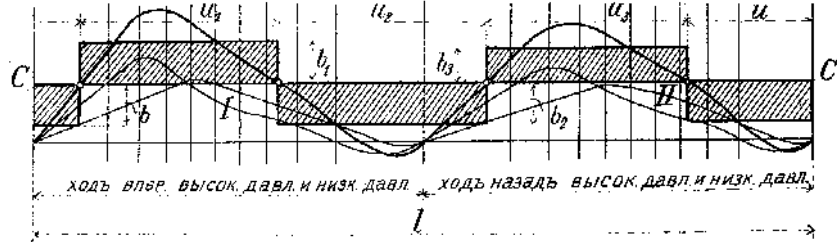
Фиг. 426.



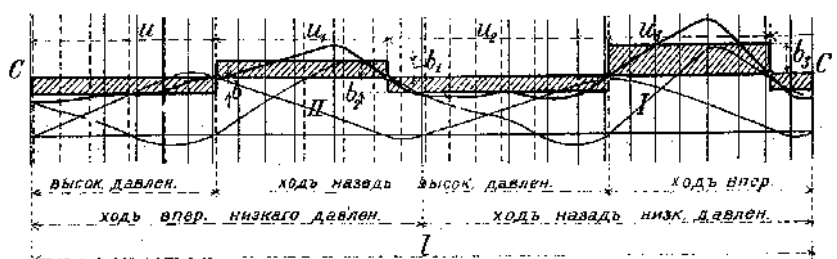
Фиг. 422.



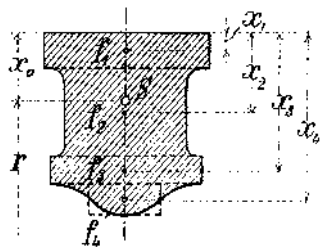
Фиг. 430.



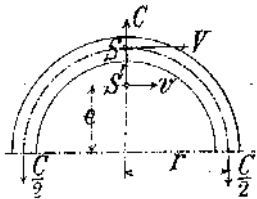
Фиг. 429.



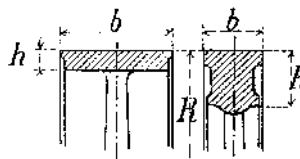
Фиг. 431.



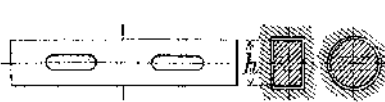
Фиг. 432.



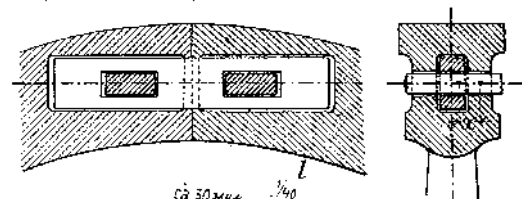
Фиг. 433.



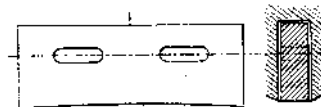
Фиг. 438.



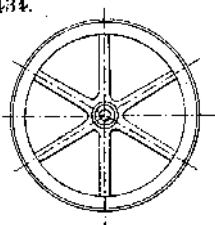
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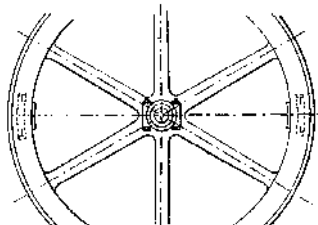
Фиг. 439.



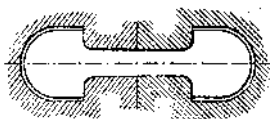
Фиг. 434.



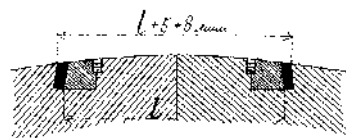
Фиг. 436.



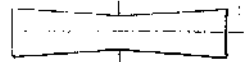
Фиг. 441.



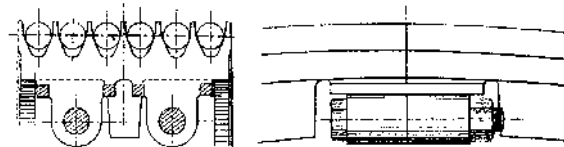
Фиг. 444.



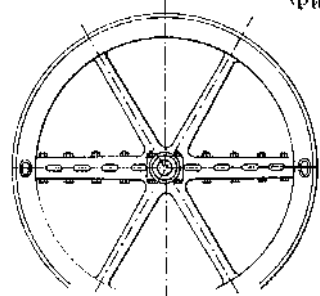
Фиг. 442.



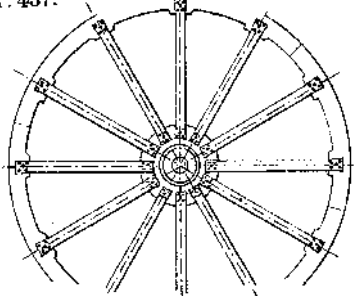
Фиг. 446.



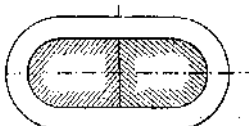
Фиг. 435.



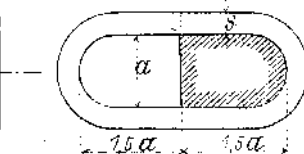
Фиг. 437.



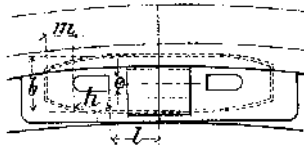
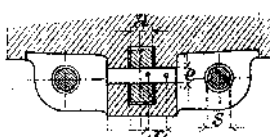
Фиг. 443.



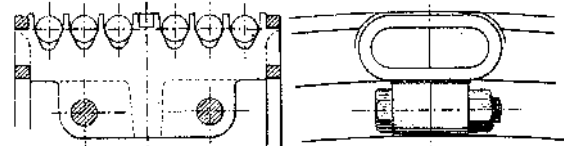
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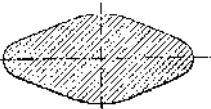
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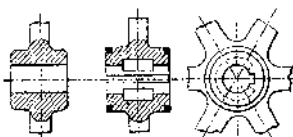
Фиг. 447.



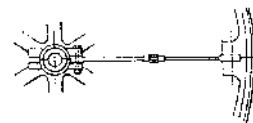
Фиг. 449.



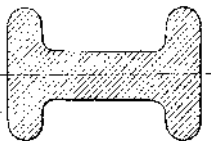
Фиг. 452.



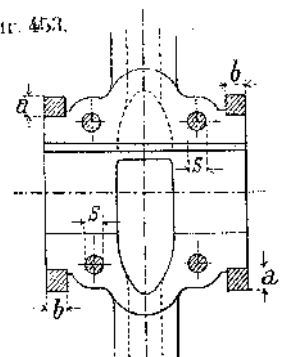
Фиг. 456.



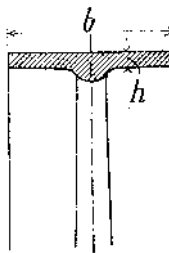
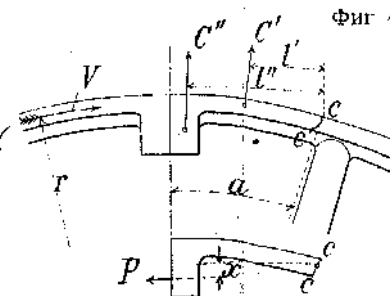
Фиг. 450.



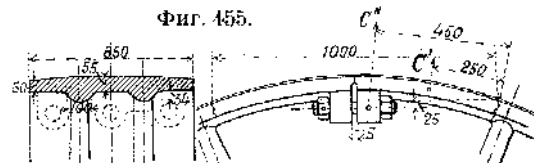
Фиг. 453.



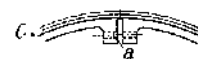
Фиг. 454.



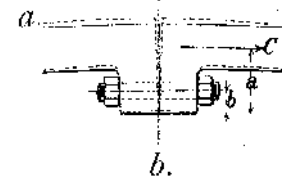
Фиг. 455.



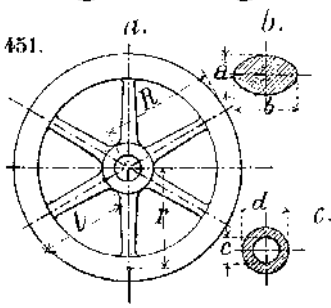
Фиг. 457.



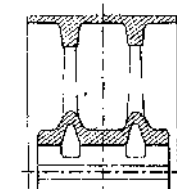
Фиг. 458.



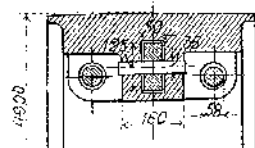
Фиг. 451.



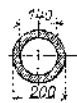
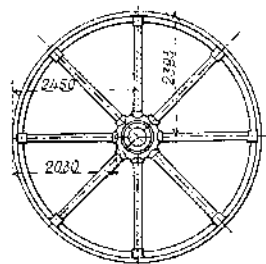
Фиг. 459.



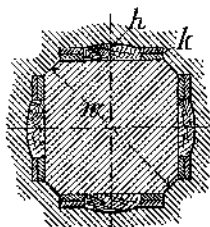
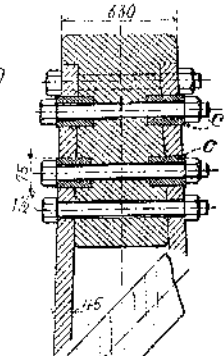
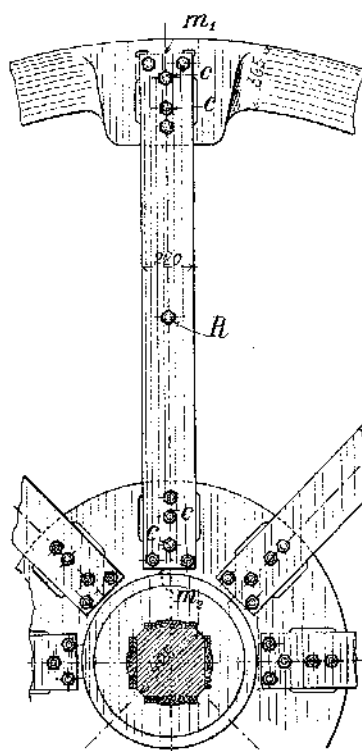
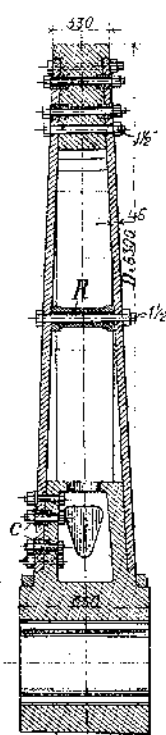
Φηγ. 461.



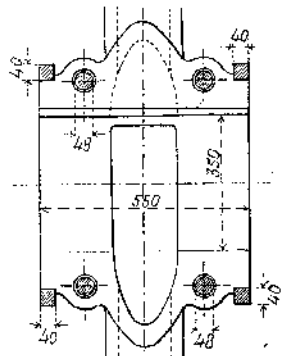
$\Phi_{\text{HT}} 462.$



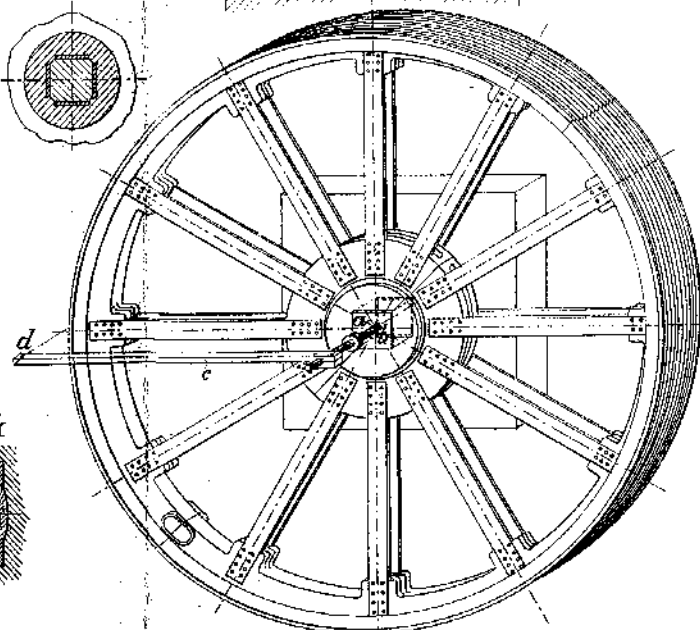
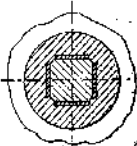
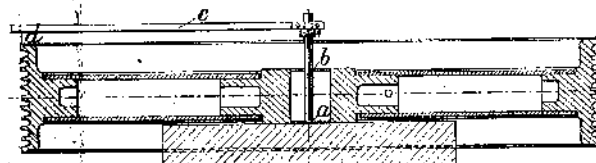
Фиг. 465.



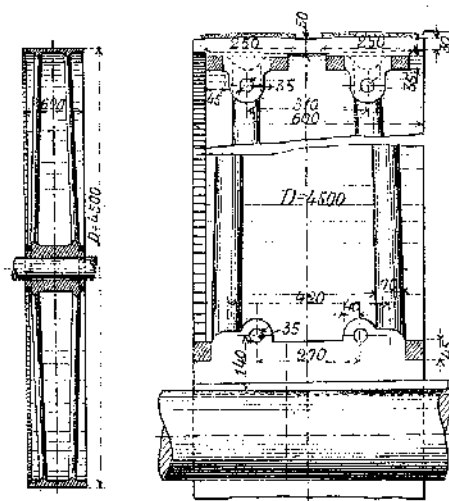
Фиг. 463.



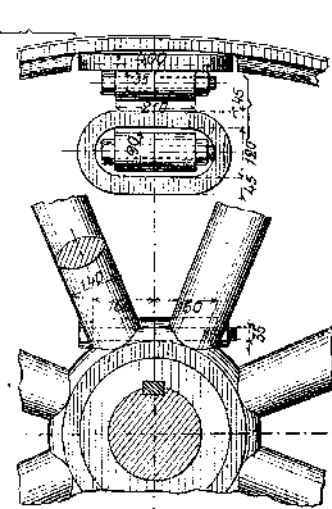
Фиг. 466.



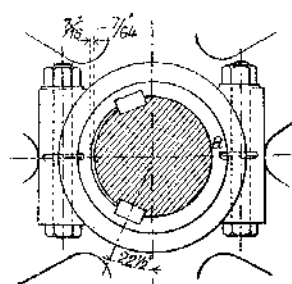
Фиг. 164.



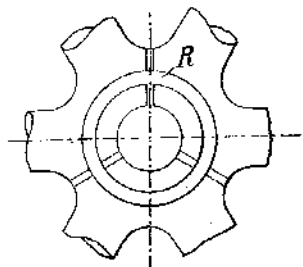
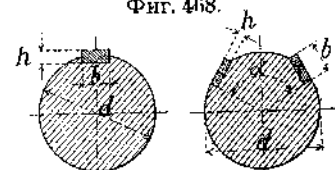
Фиг. 467.



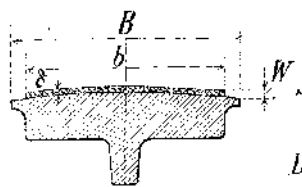
ΦΗΓ. 468.



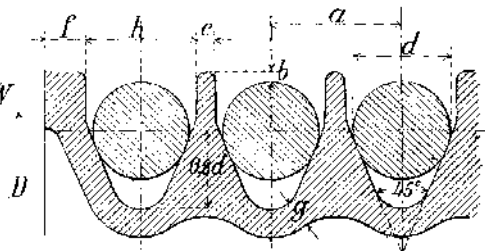
Фиг. 469.



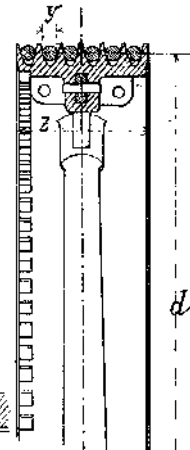
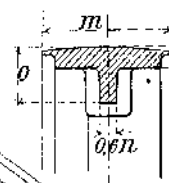
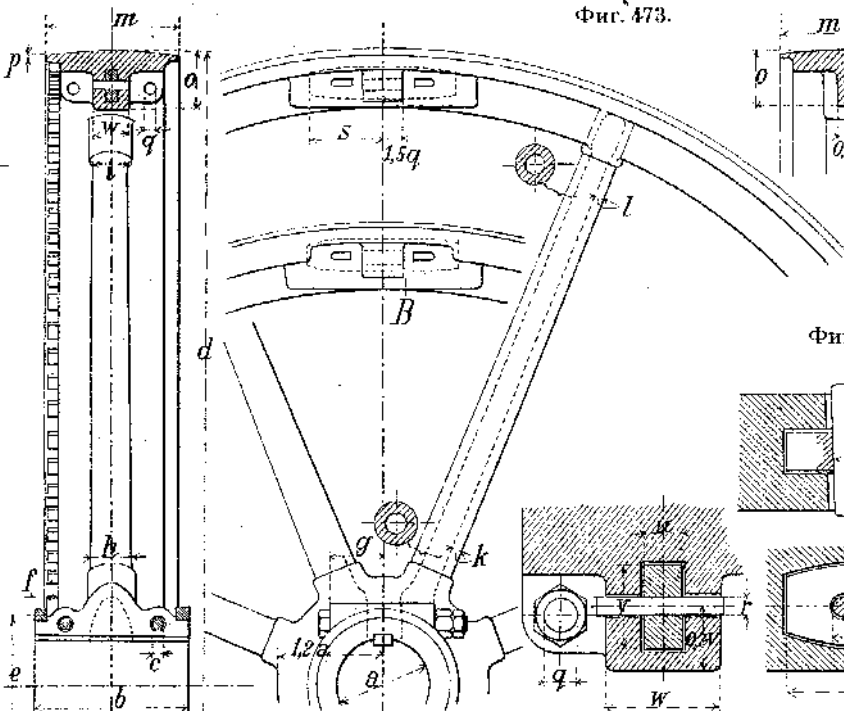
Фиг. 470.



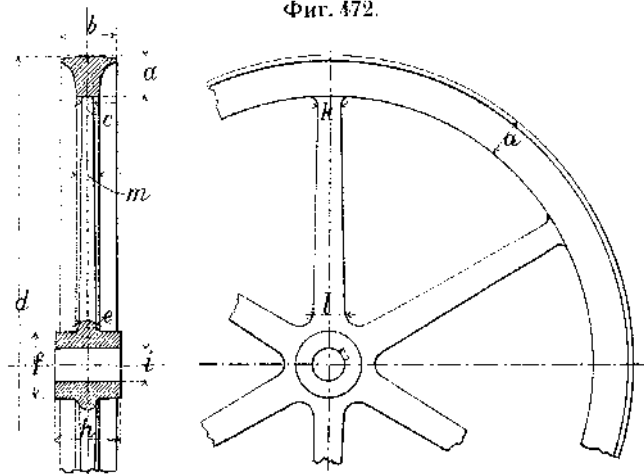
Фиг. 471.



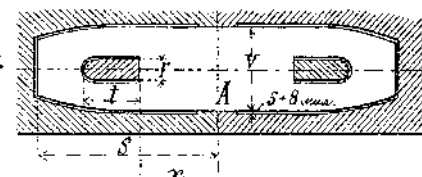
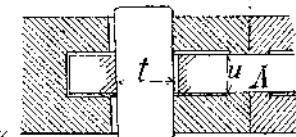
Фиг. 473.



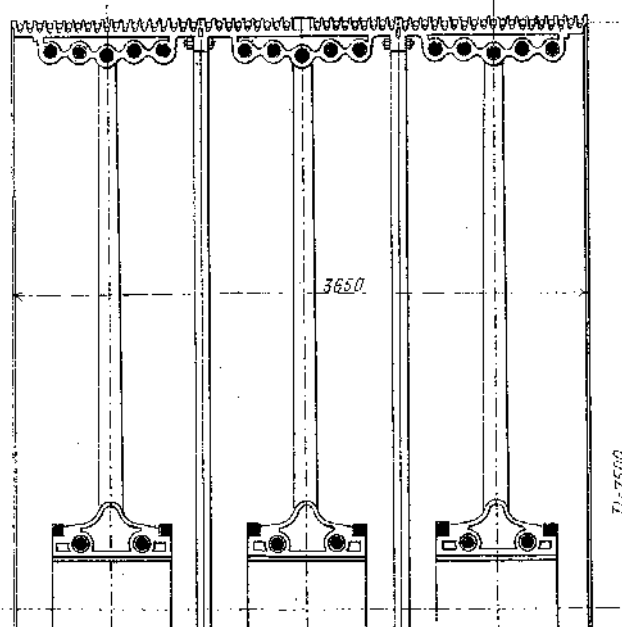
Фиг. 472.



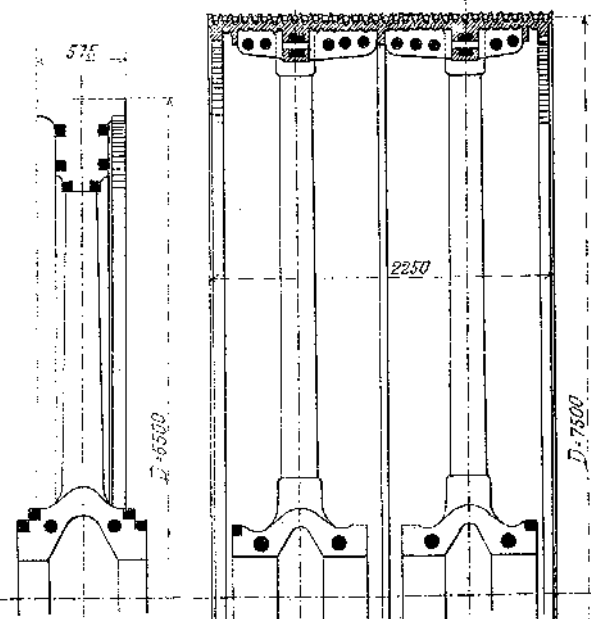
Фиг. 474.



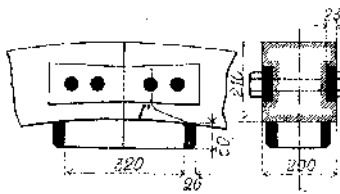
Фиг. 478.



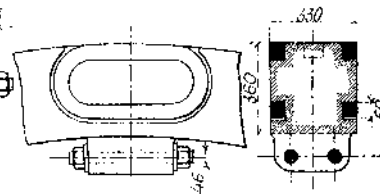
Фиг. 479.



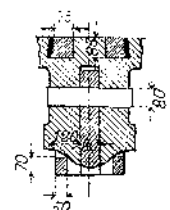
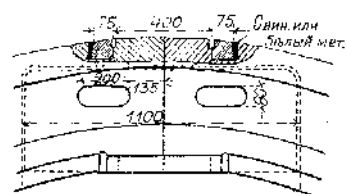
Фиг. 475.



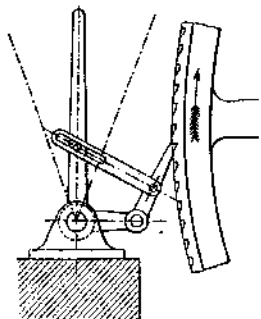
Фиг. 476.



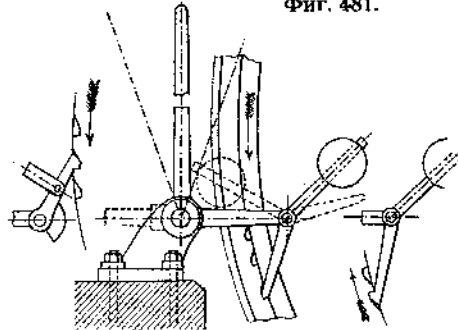
Фиг. 477.



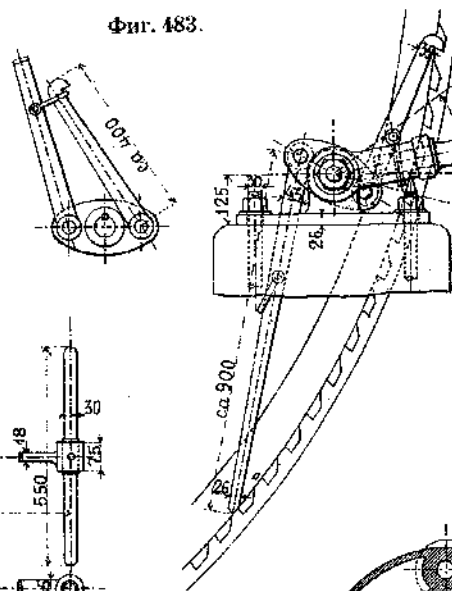
Фиг. 480.



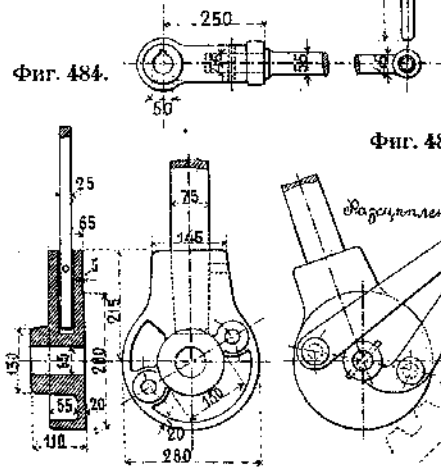
Фиг. 481.



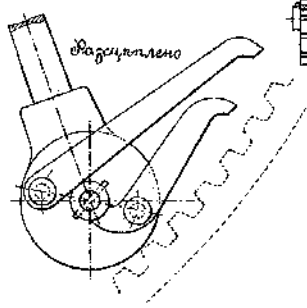
Фиг. 483.



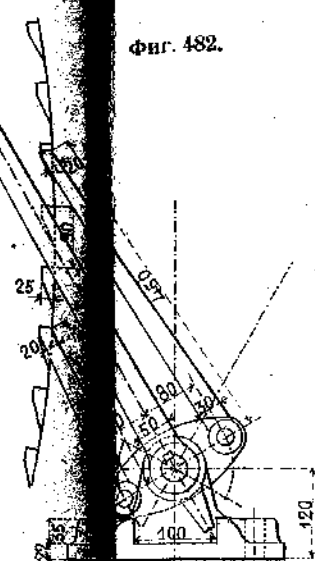
Фиг. 484.



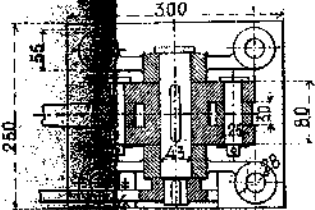
Фиг. 488.



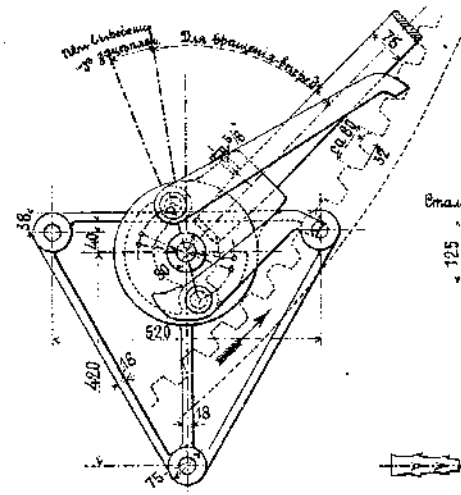
Фиг. 482.



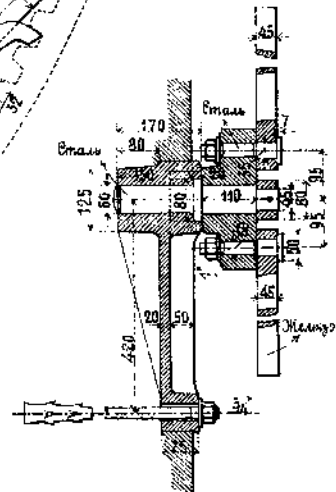
Фиг. 485.



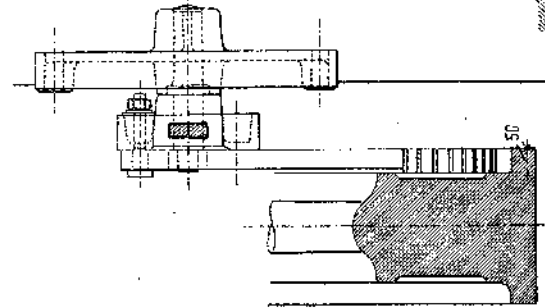
Фиг. 486.



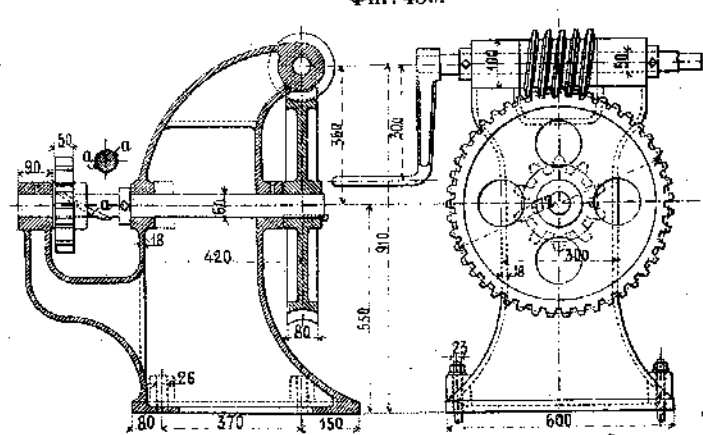
Фиг. 487.



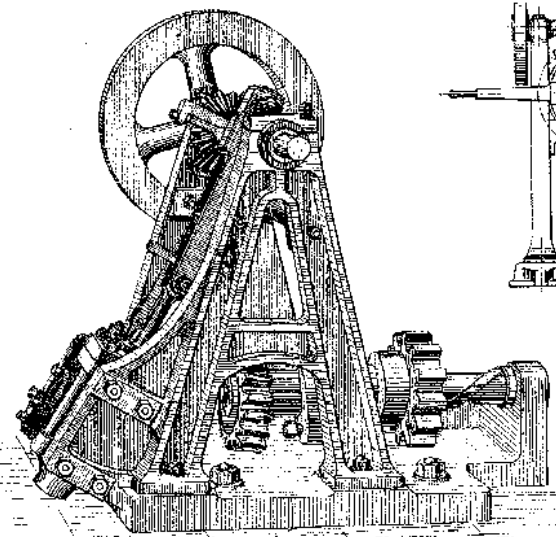
Фиг. 489.



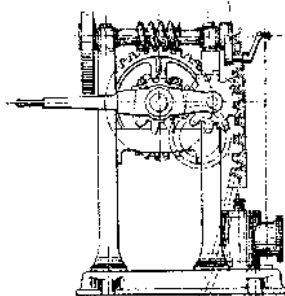
Фиг. 489.



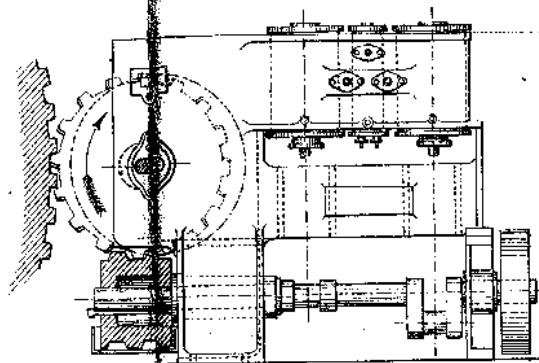
Фиг. 490.



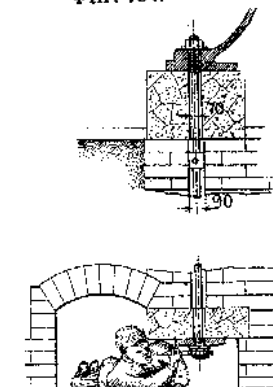
Фиг. 491.



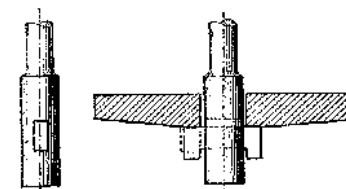
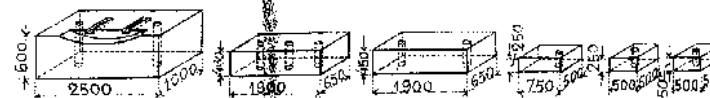
Фиг. 492.



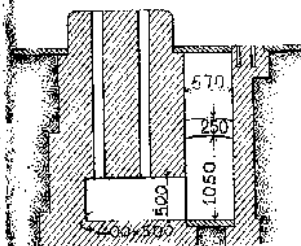
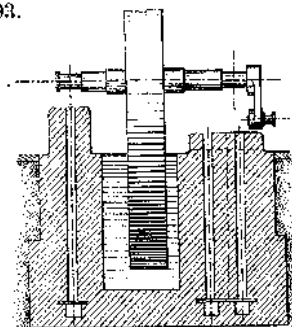
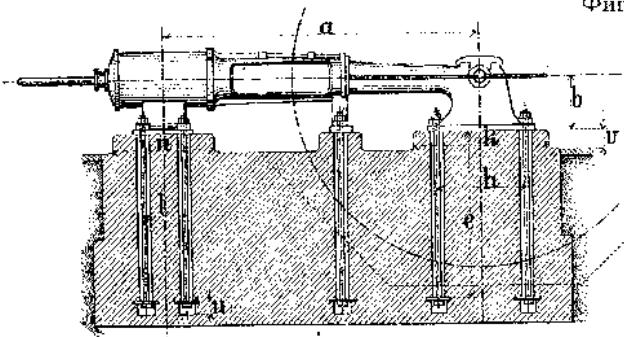
Фиг. 494.



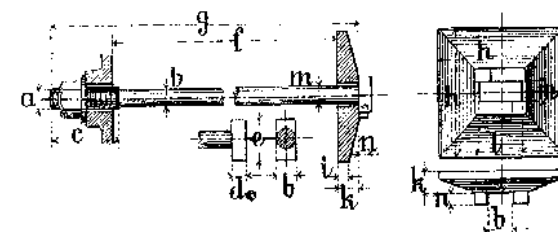
Фиг. 495.



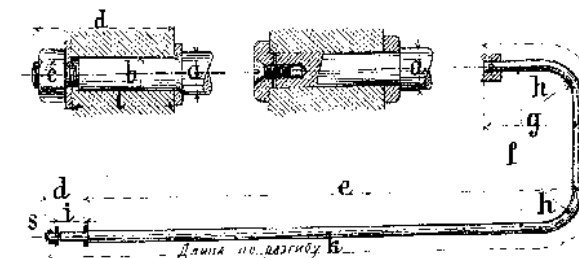
Фиг. 493.



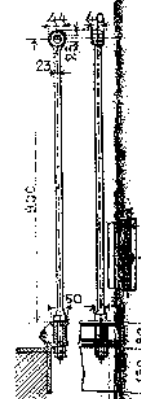
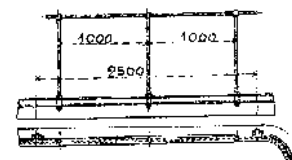
Фиг. 496.



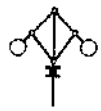
Фиг. 497.



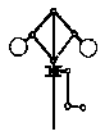
Фиг. 498.



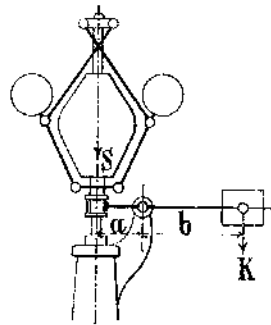
Фиг. 499.



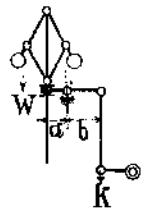
Фиг. 500.



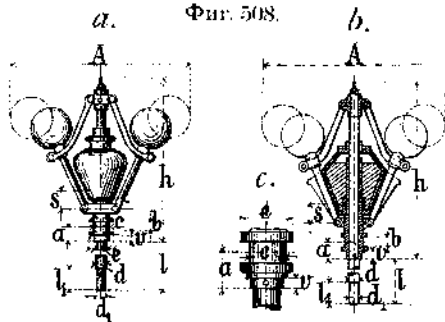
Фиг. 501.



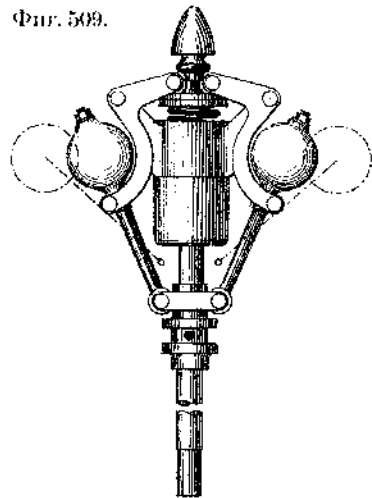
Фиг. 503.



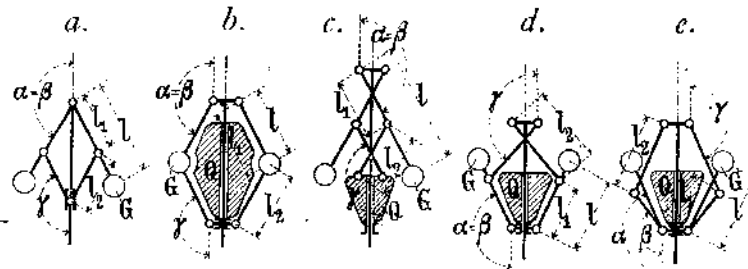
Фиг. 508.



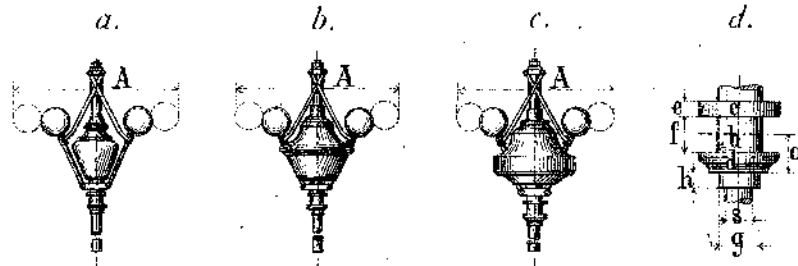
Фиг. 509.



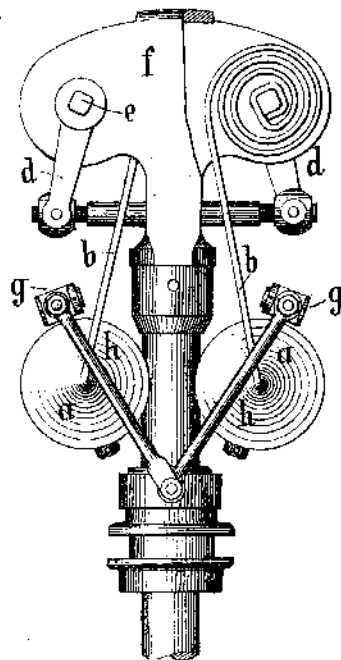
Фиг. 502.



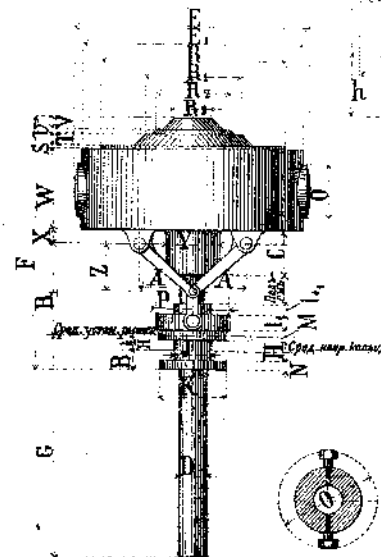
Фиг. 505.



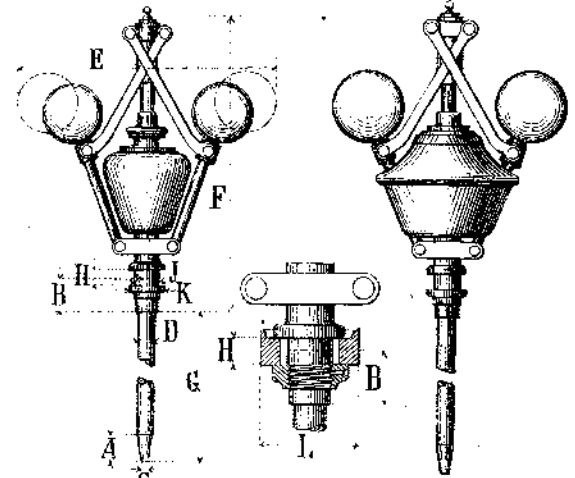
Фиг. 510.



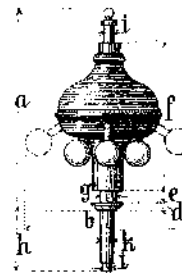
Фиг. 512.



Фиг. 504.



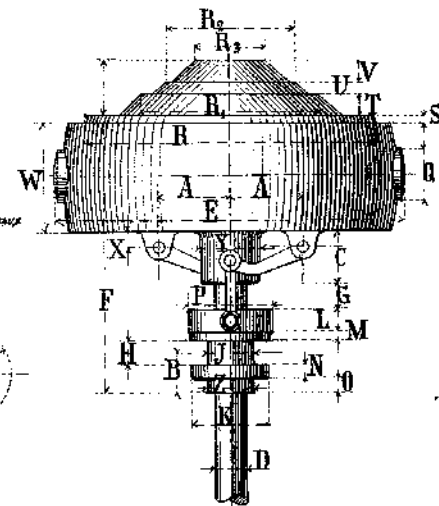
Фиг. 506.



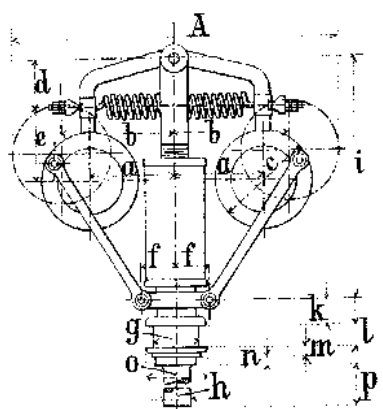
Фиг. 507.



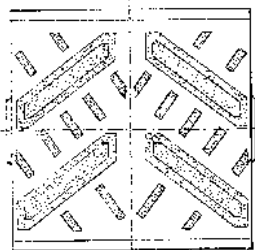
Фиг. 511.



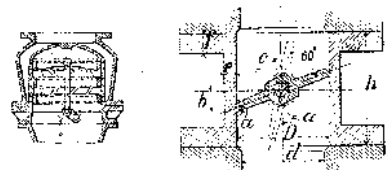
Фиг. 513.



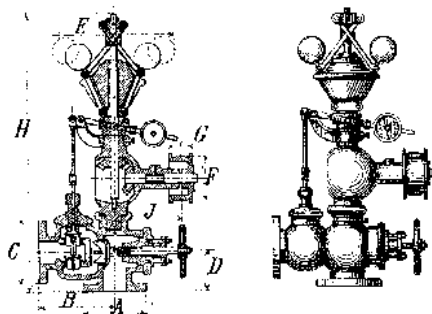
Фиг. 517.



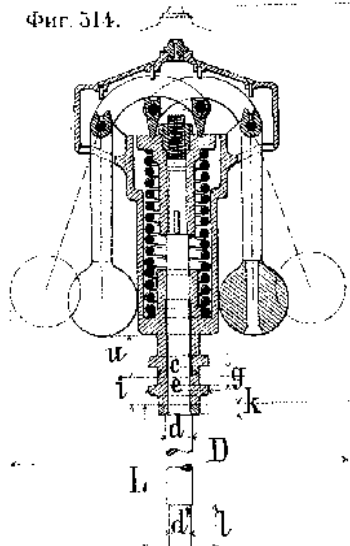
Фиг. 520.



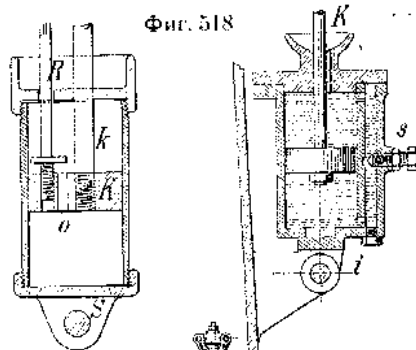
Фиг. 521.



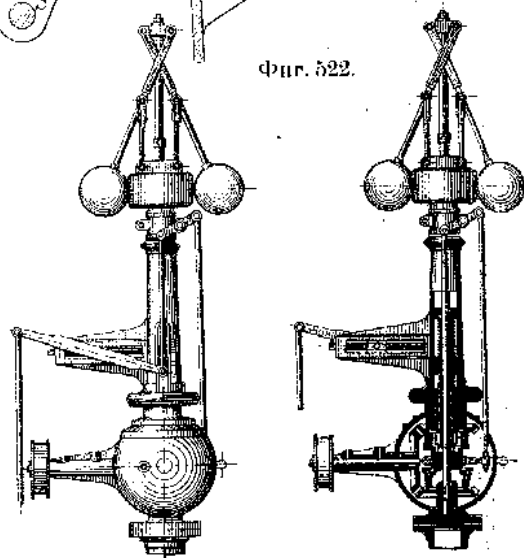
Фиг. 514.



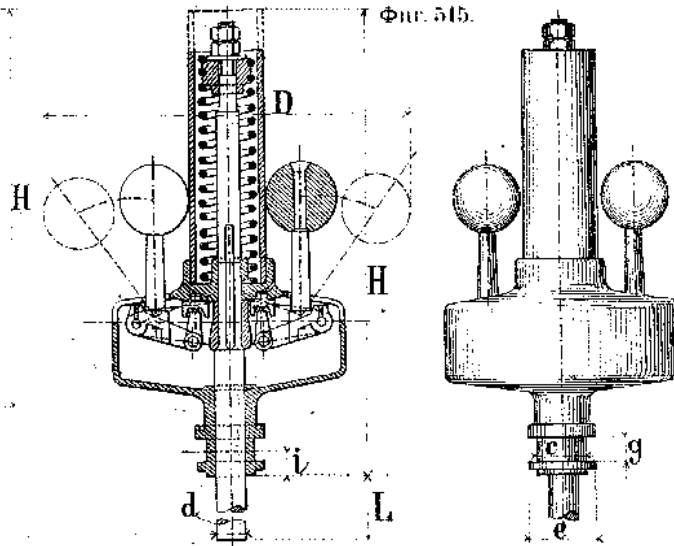
Фиг. 518.



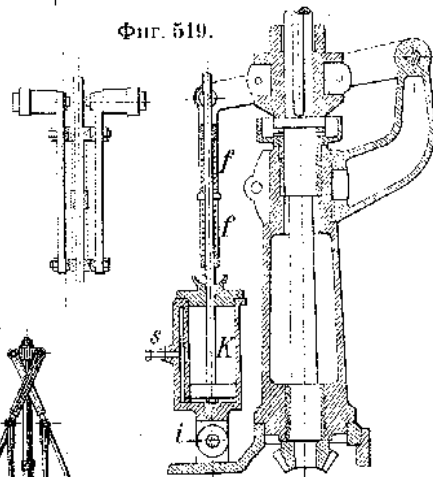
Фиг. 522.



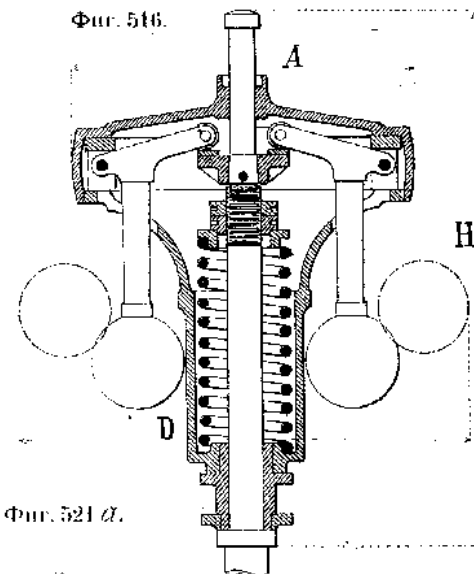
Фиг. 515.



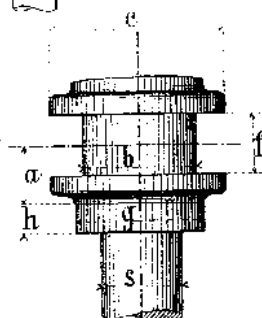
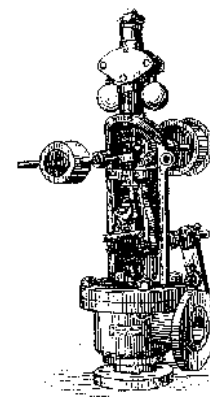
Фиг. 519.



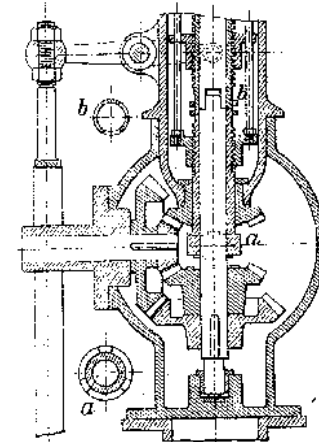
Фиг. 516.



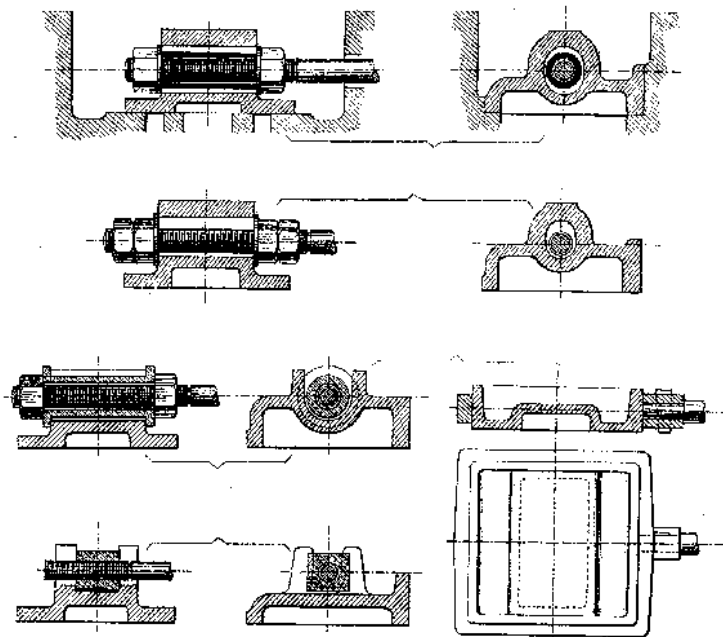
Фиг. 521 а.



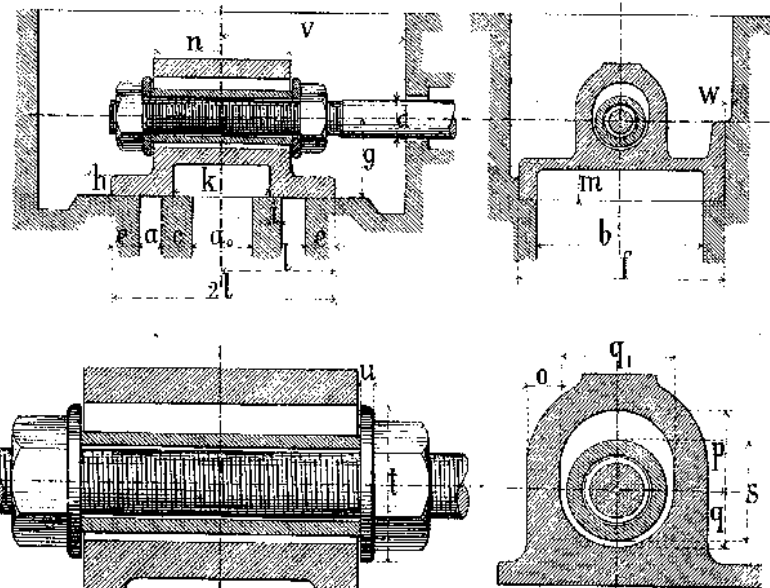
Фиг. 523.



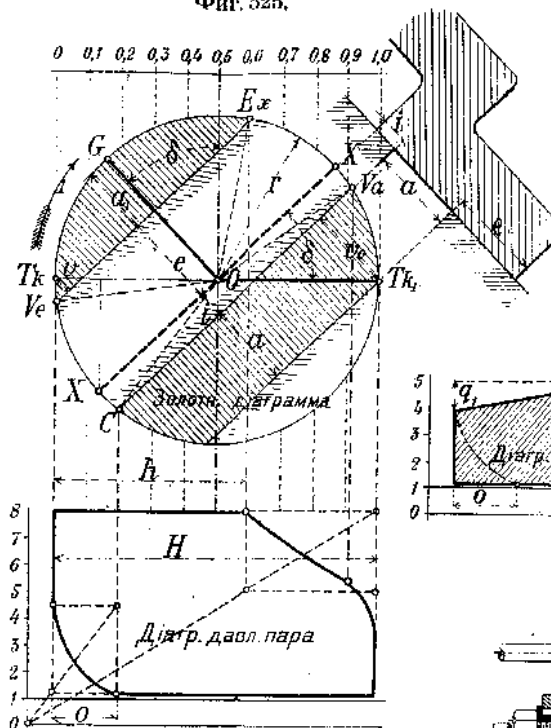
Фиг. 524.



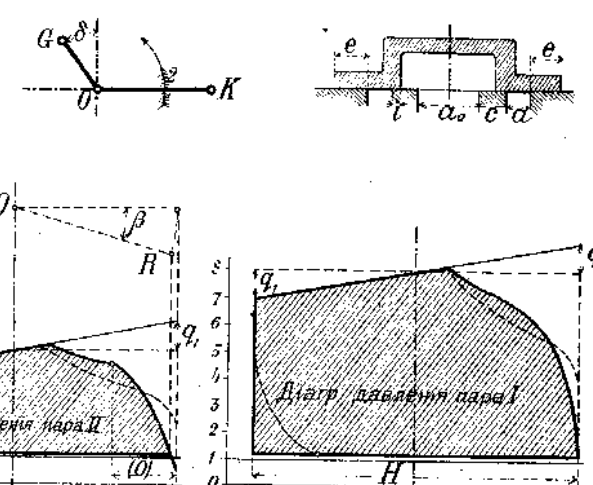
Фиг. 526.



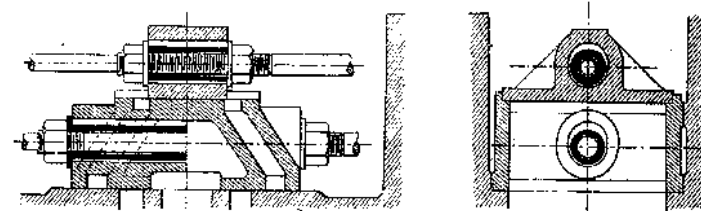
Фиг. 525.



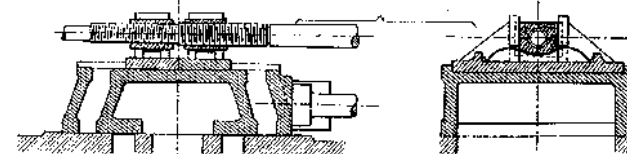
Фиг. 525, а



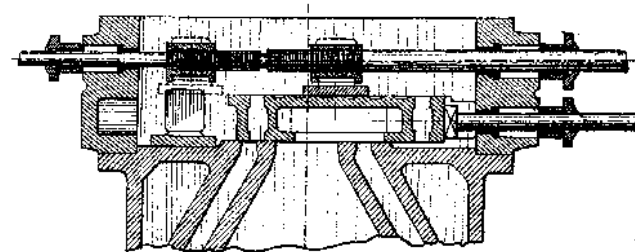
Фиг. 527.



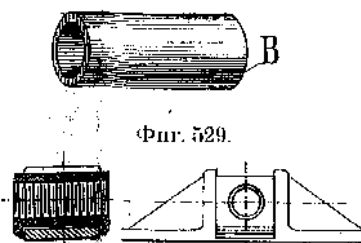
Фиг. 528.



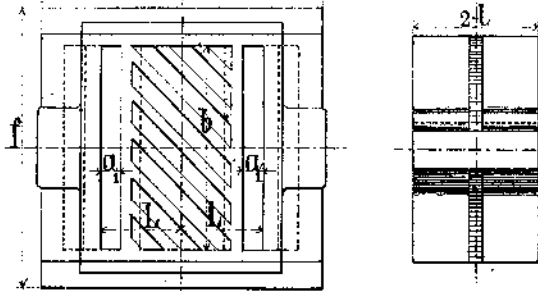
Фиг. 530.



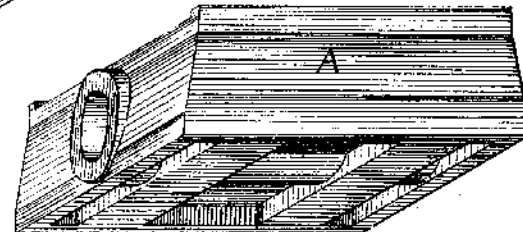
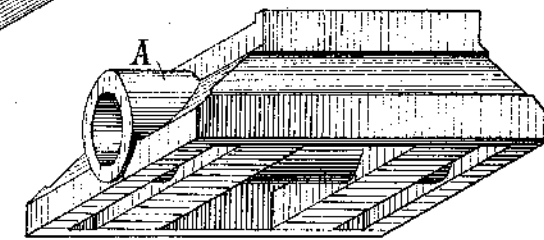
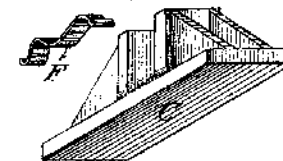
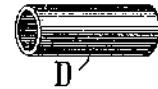
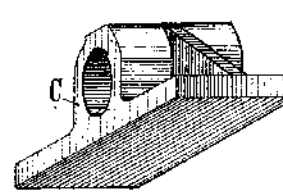
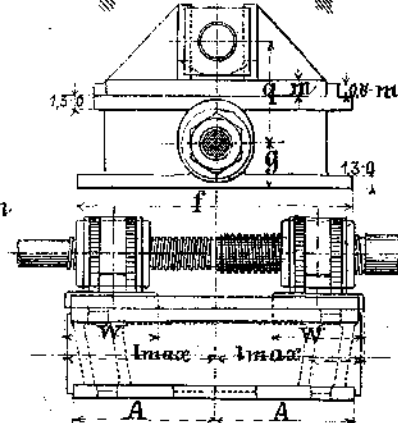
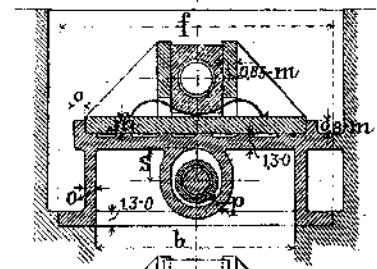
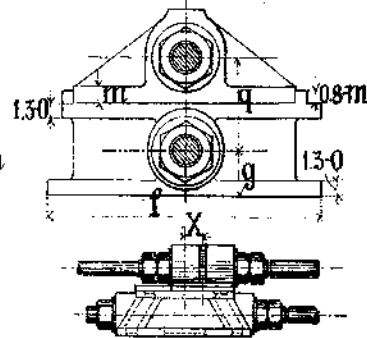
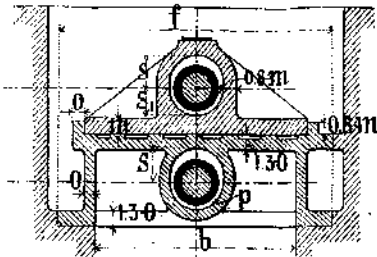
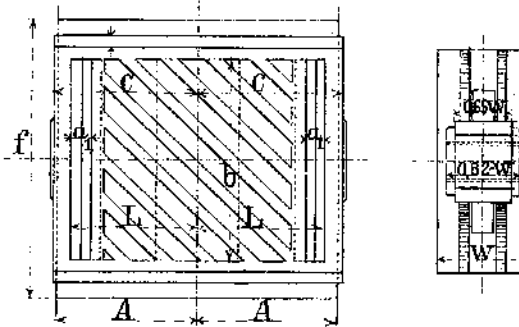
Фиг. 529.



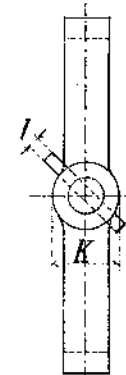
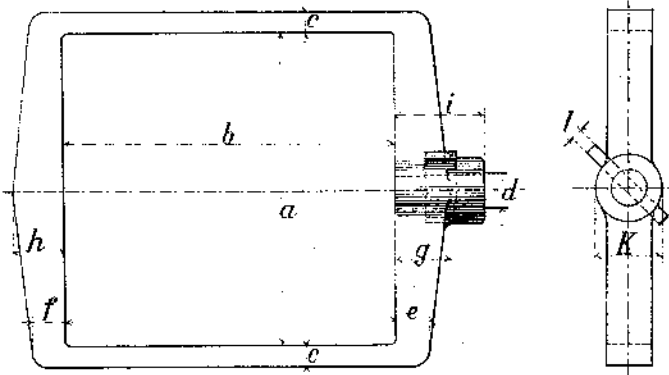
This technical drawing shows a cross-section of a mechanical assembly, possibly a pump or valve. It features a central horizontal cylinder with internal components like a piston or valve. A handle mechanism is attached to the right side, and various parts are labeled with letters and numbers. The drawing is a detailed line drawing with hatching to indicate different materials or sections.



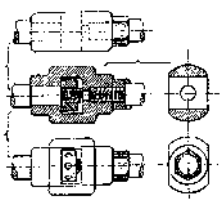
The technical drawing consists of two views of a mechanical part. The top view is a plan view showing a cylindrical component with a central hole. It features several dimension lines and labels: $0.65W$, $0.82W$, and 11 . The bottom view is a side elevation showing the profile of the component. It includes numerous labels for different parts and features: d , m , q , y , z , k , a , b , c , e , f , g , h , i , j , l , n , o , p , r , s , t , u , v , w , x . The drawing uses standard engineering conventions for hidden lines and sectioning.



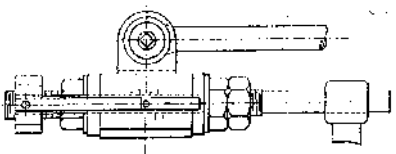
Фиг. 534.



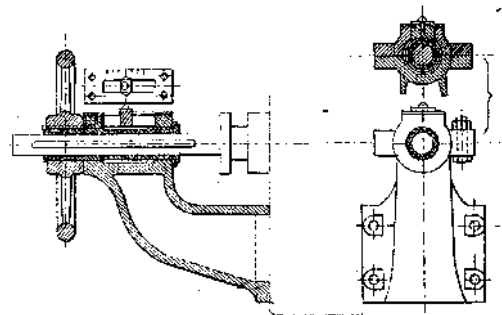
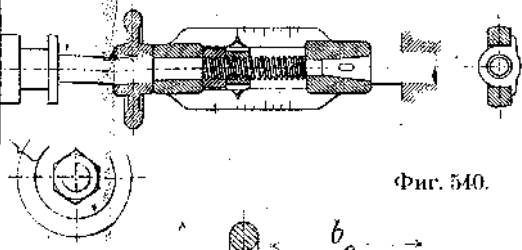
Фиг. 535.



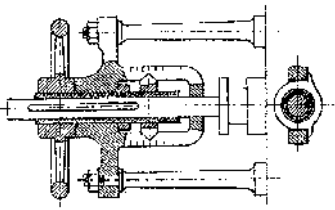
Фиг. 536.



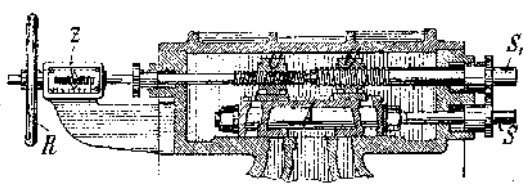
Фиг. 537.



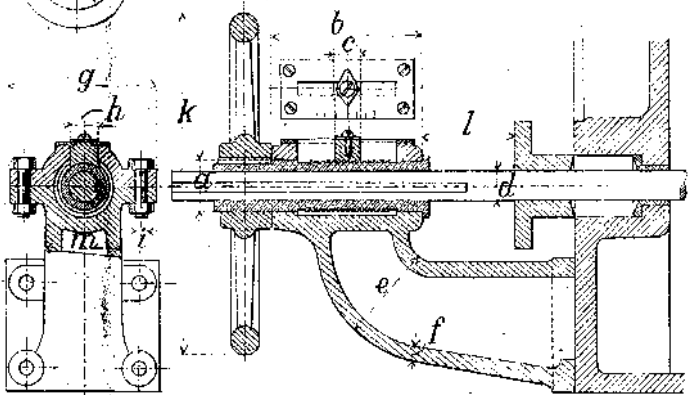
Фиг. 538.



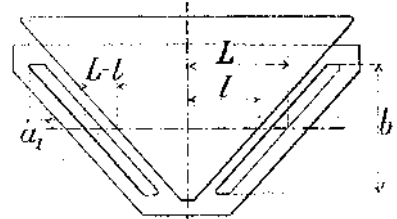
Фиг. 539.



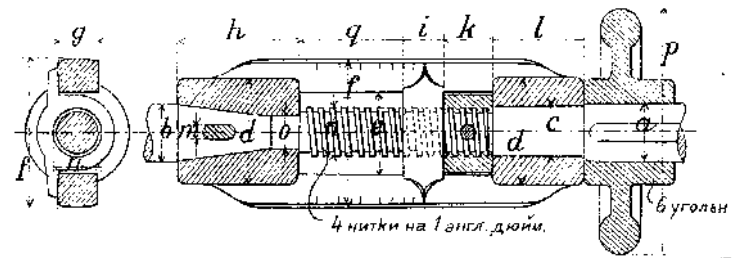
Фиг. 540.



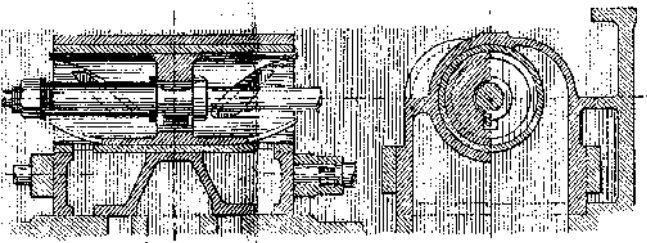
Фиг. 542.



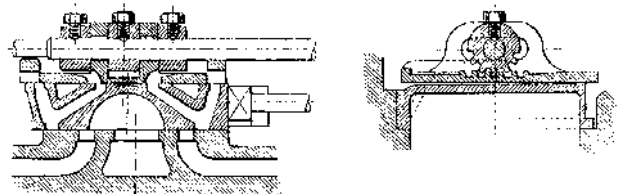
Фиг. 541.



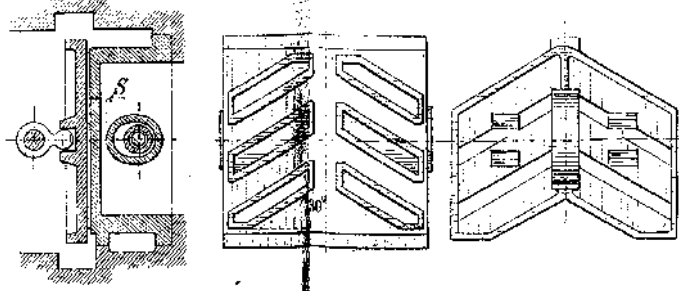
Фиг. 543.



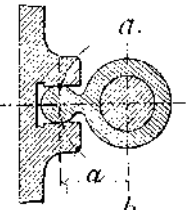
Фиг. 545.



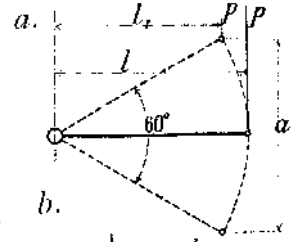
Фиг. 546.



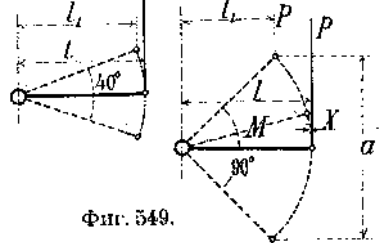
Фиг. 547.



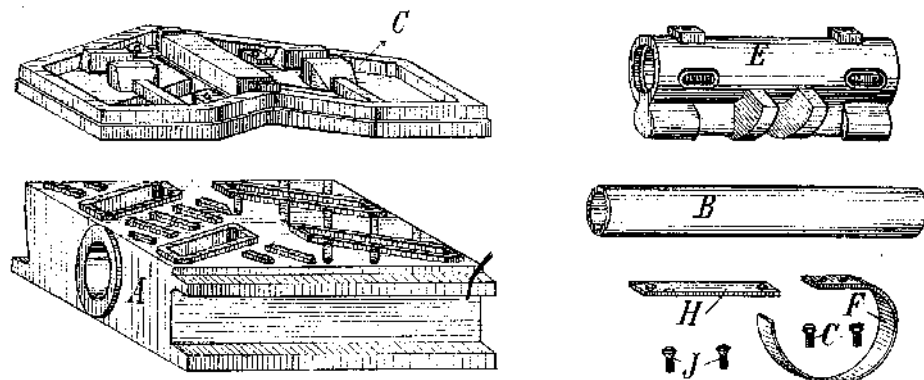
Фиг. 548.



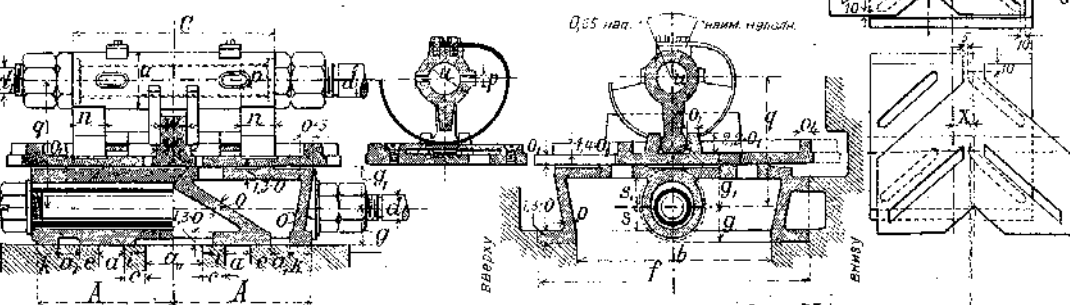
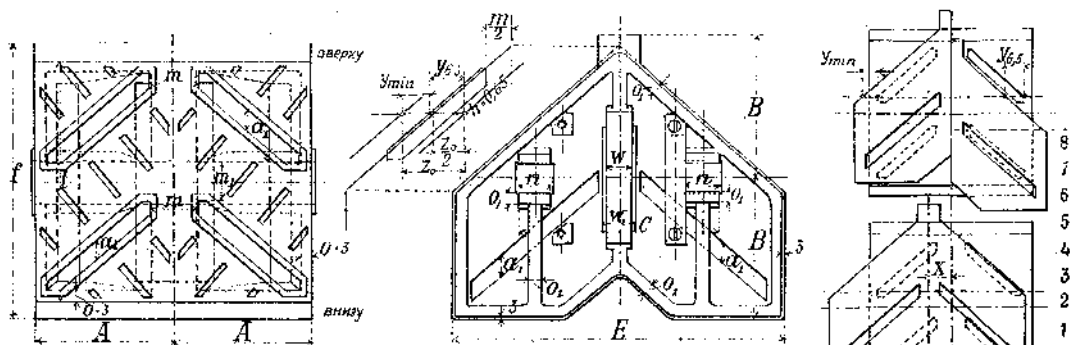
Фиг. 549.



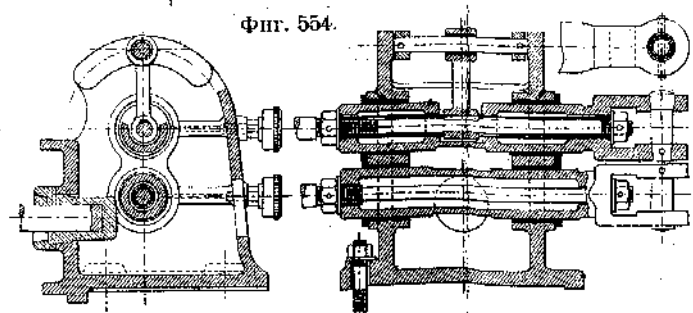
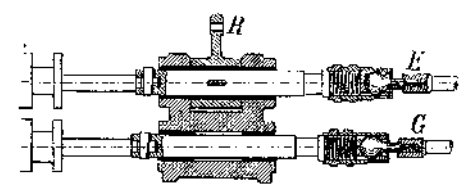
Фиг. 550.



Фиг. 552.

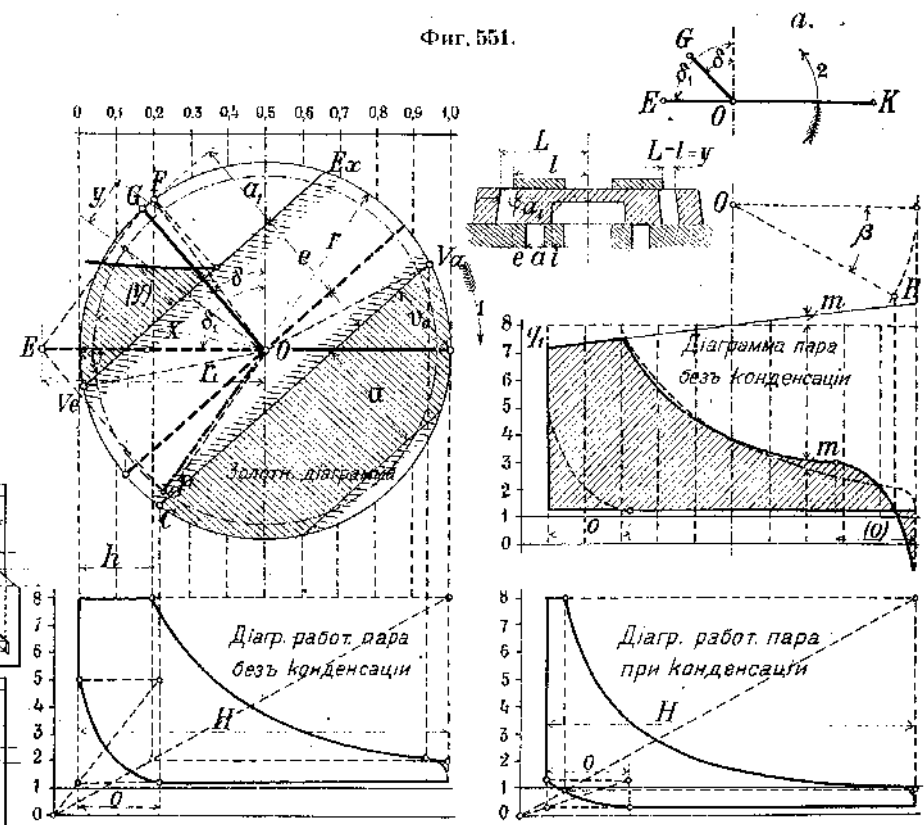


Фиг. 553.

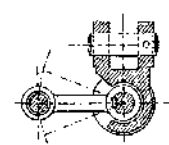


Фиг. 554.

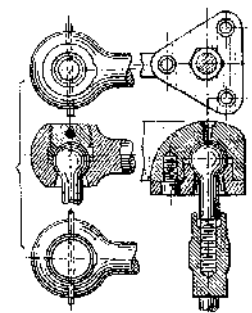
Фиг. 551.



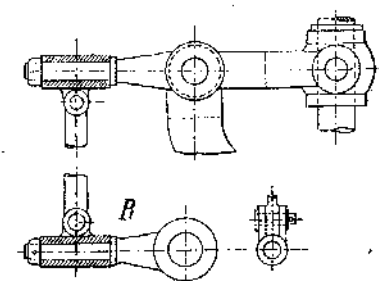
Фиг. 555.



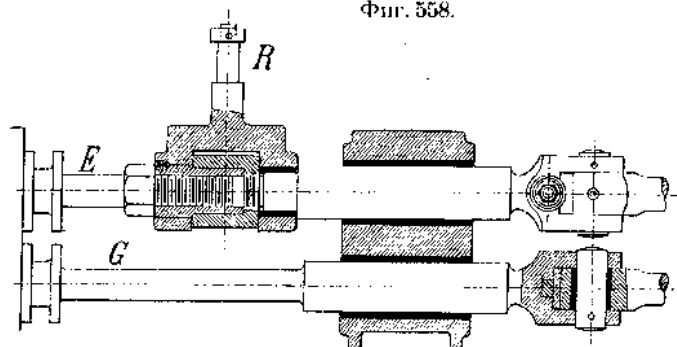
Фиг. 556.



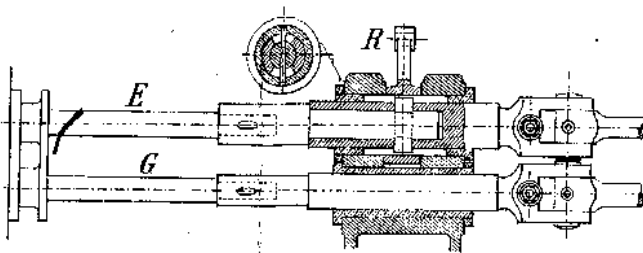
Фиг. 557.



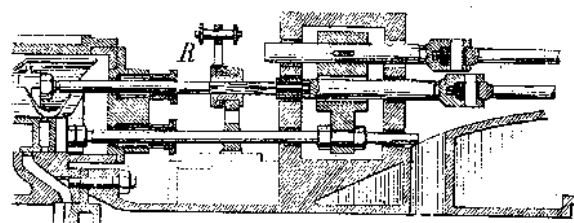
Фиг. 558.



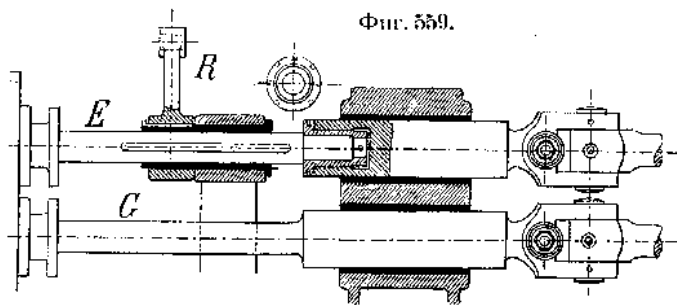
Фиг. 562.



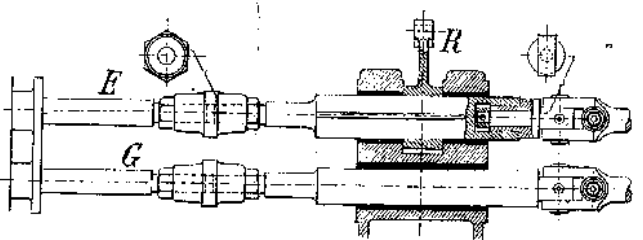
Фиг. 566.



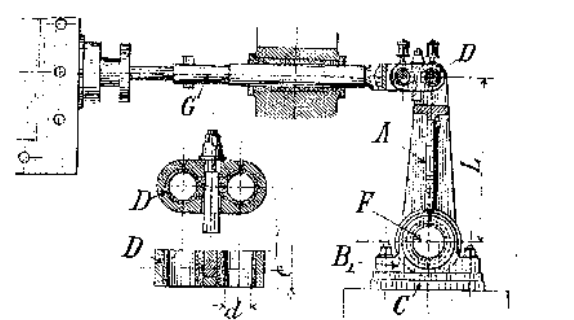
Фиг. 559.



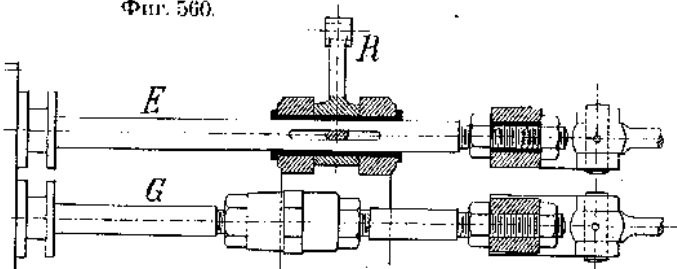
Фиг. 563.



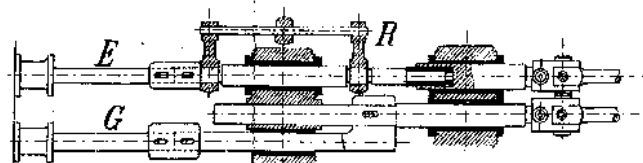
Фиг. 567.



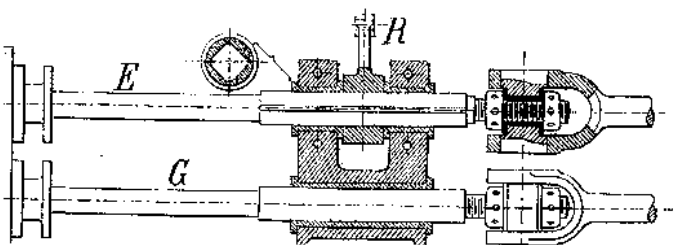
Фиг. 560.



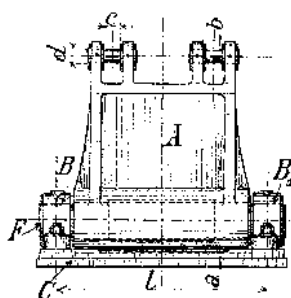
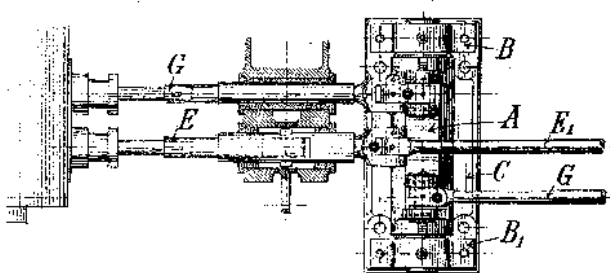
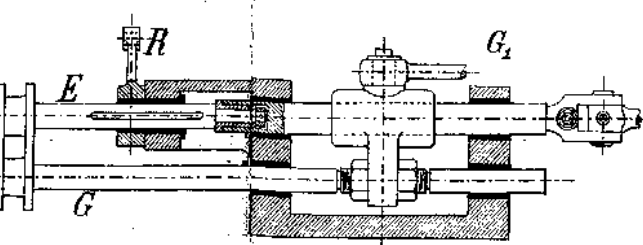
Фиг. 564.



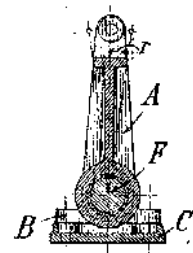
Фиг. 561.



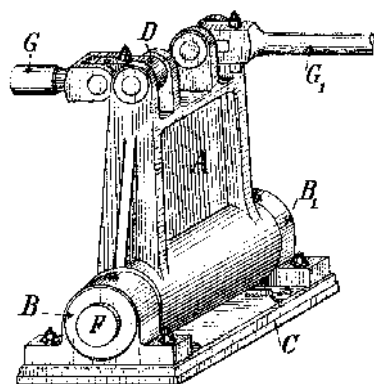
Фиг. 565.



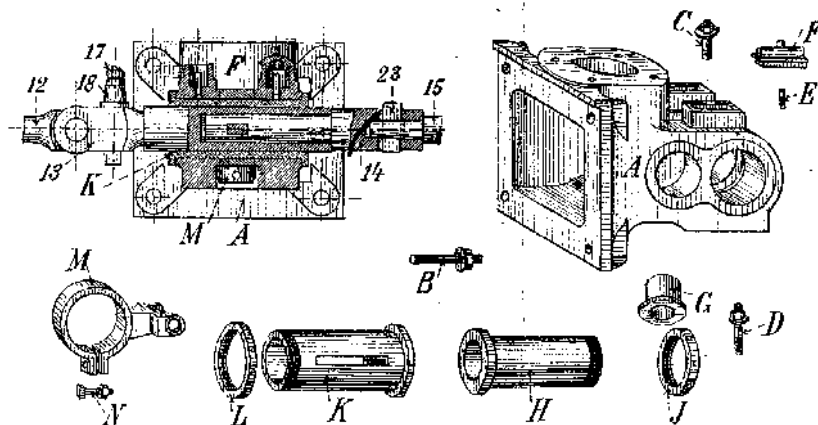
Разрѣзъ



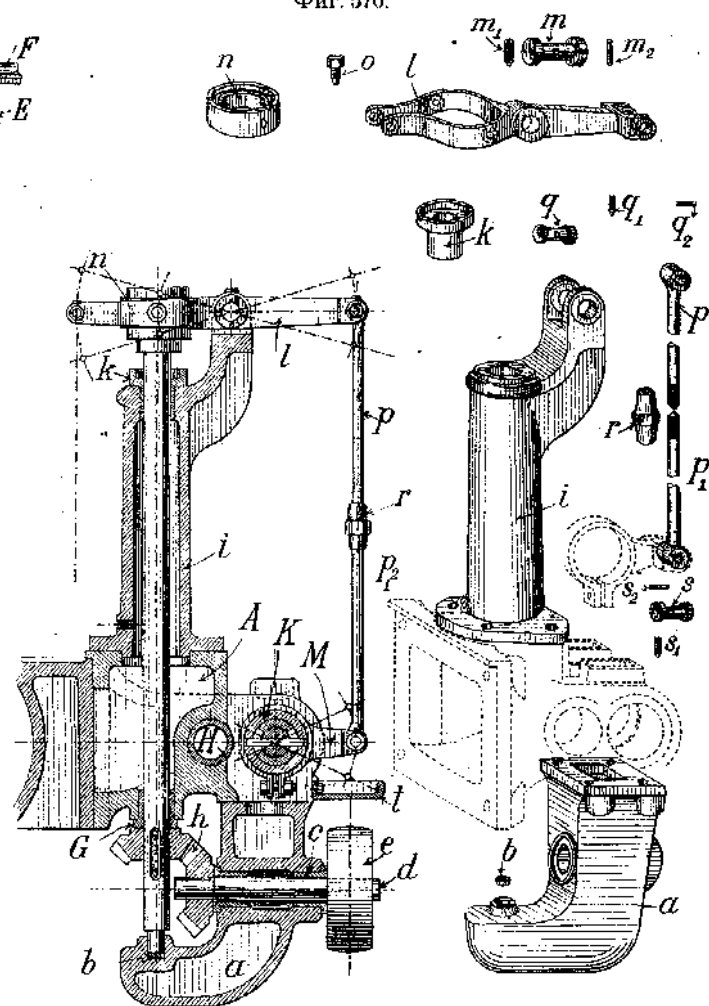
Фиг. 568.



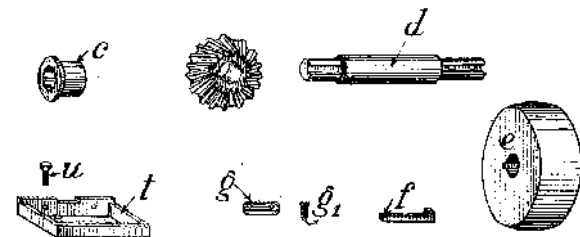
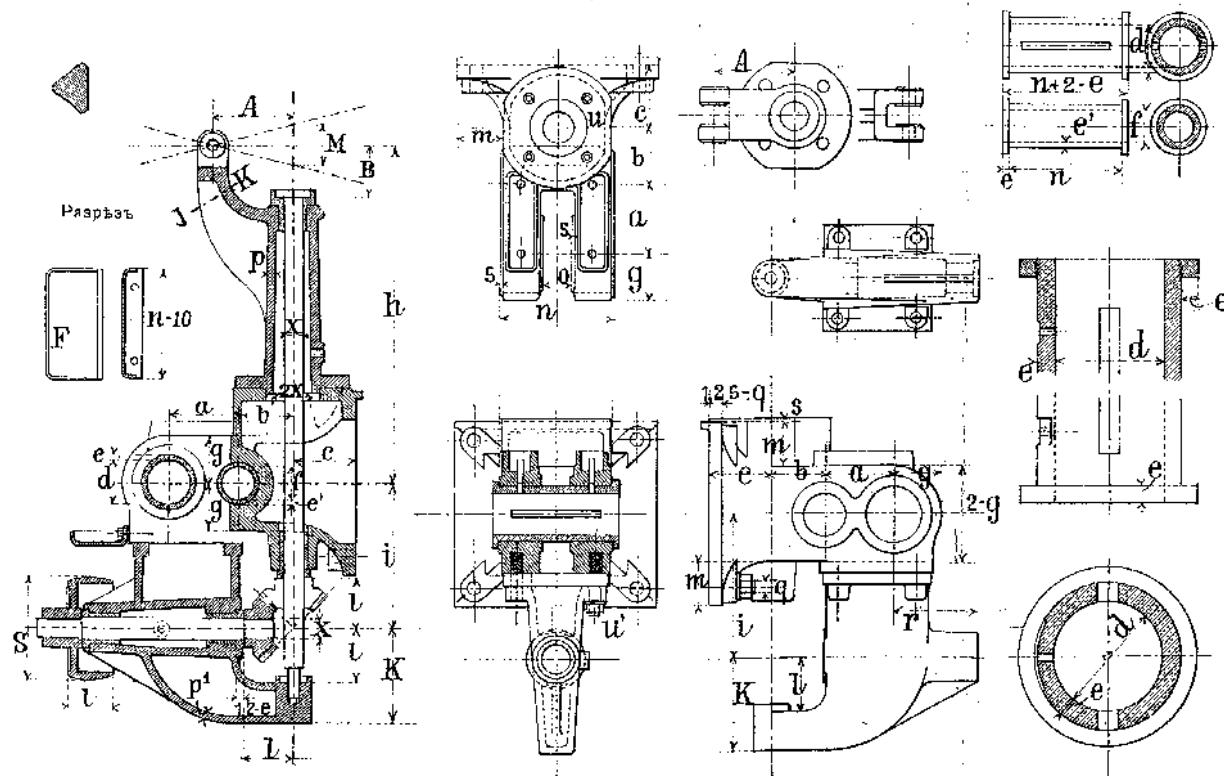
Фиг. 569.



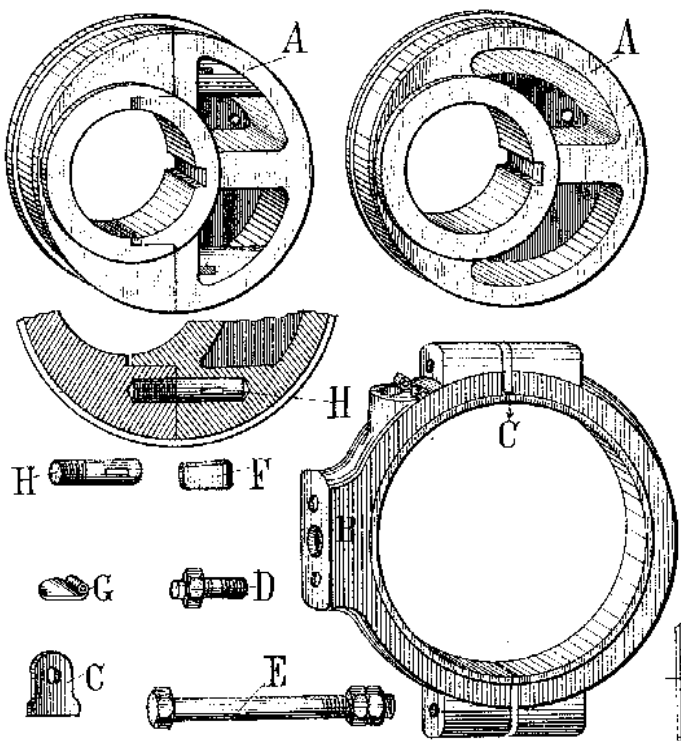
Фиг. 570.



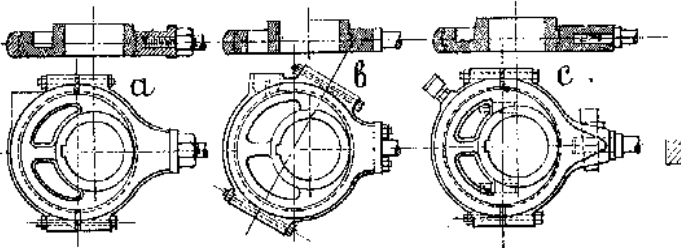
Фиг. 571.



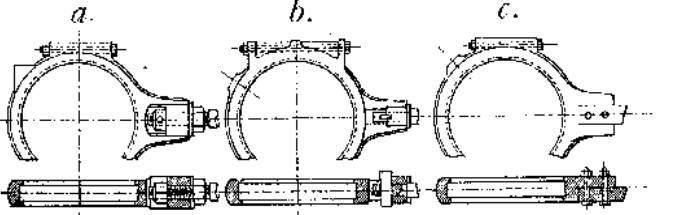
Фиг. 572.



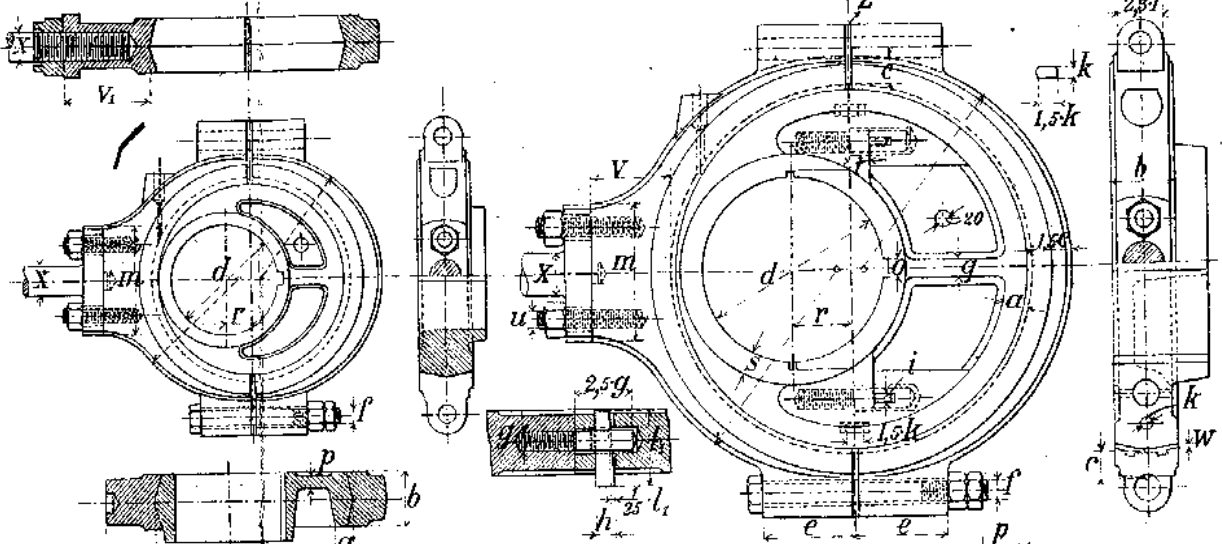
Фиг. 573.



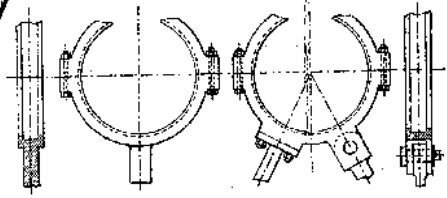
Фиг. 574.



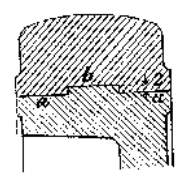
Фиг. 579.



Фиг. 575.



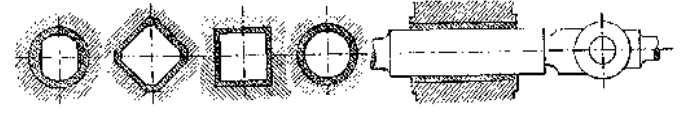
Фиг. 577.



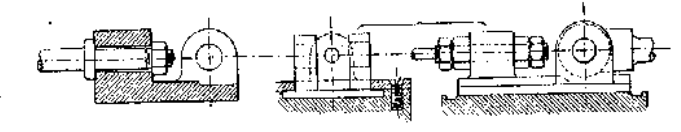
Фиг. 582.



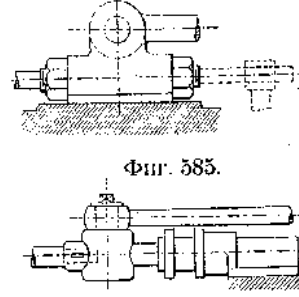
Фиг. 583.



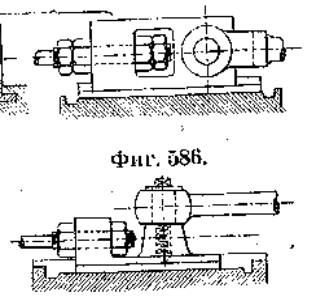
Фиг. 584.



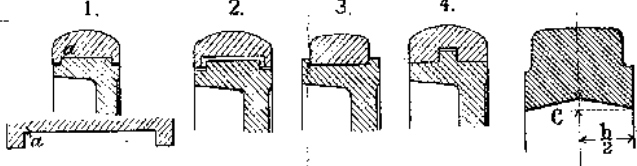
Фиг. 585.



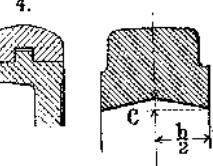
Фиг. 586.



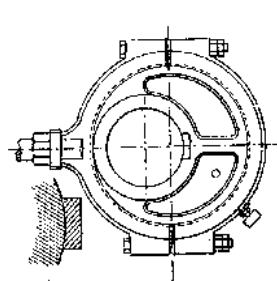
Фиг. 576.



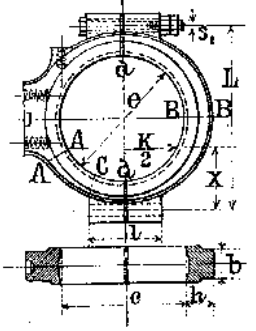
Фиг. 578.



Фиг. 581.

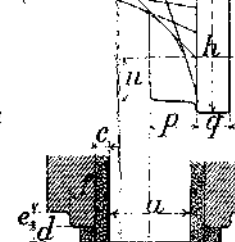
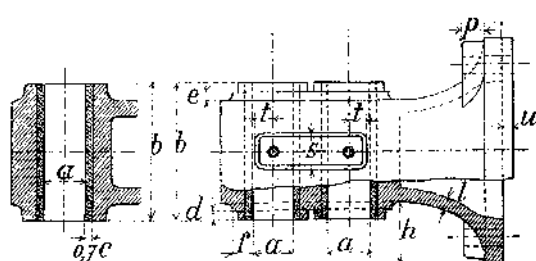
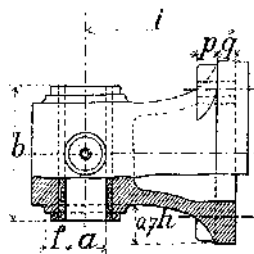
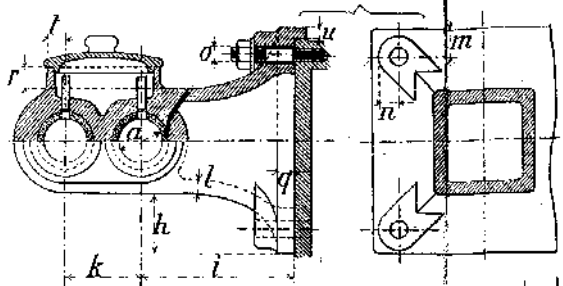
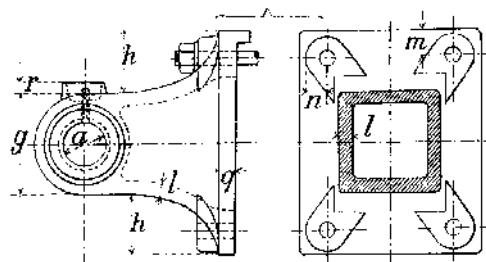


Фиг. 580.

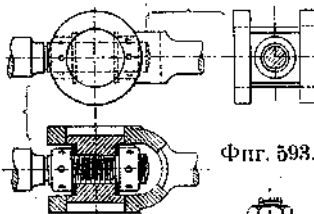
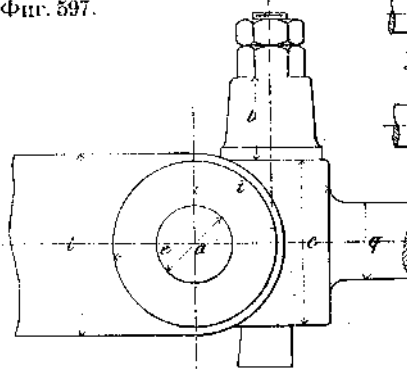
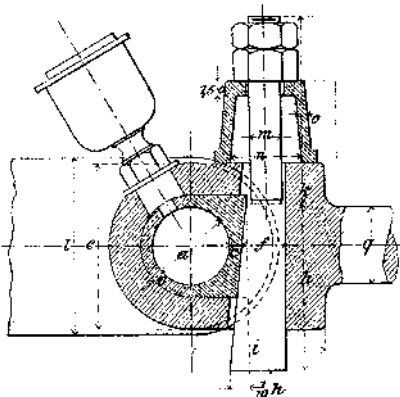


Фиг. 587.

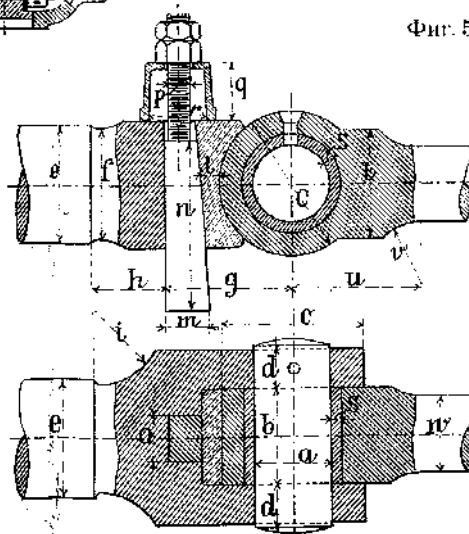
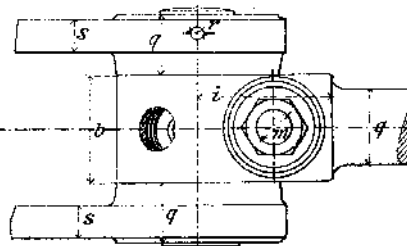
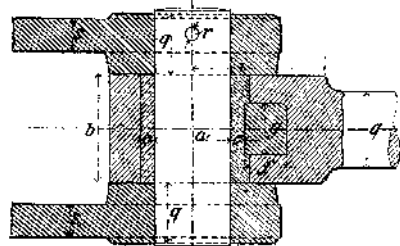
Фиг. 588.



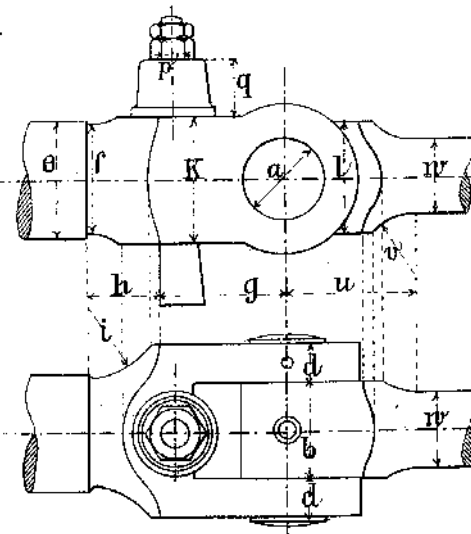
Фиг. 597.



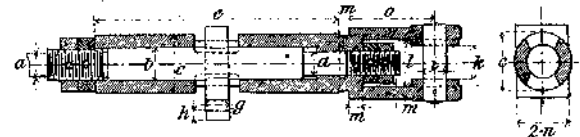
Фиг. 593.



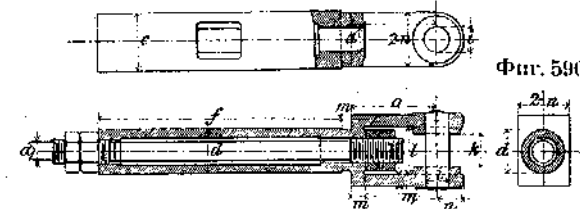
Фиг. 598.



Фиг. 595.



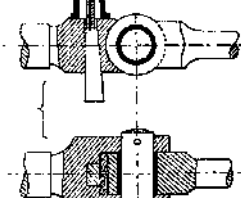
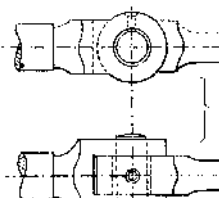
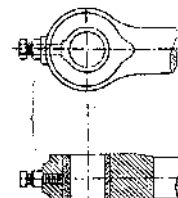
Фиг. 596.



Фиг. 590.

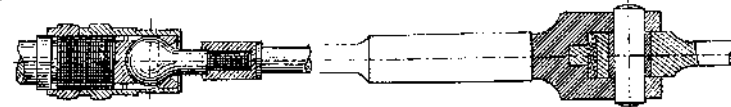
Фиг. 591.

Фиг. 592.

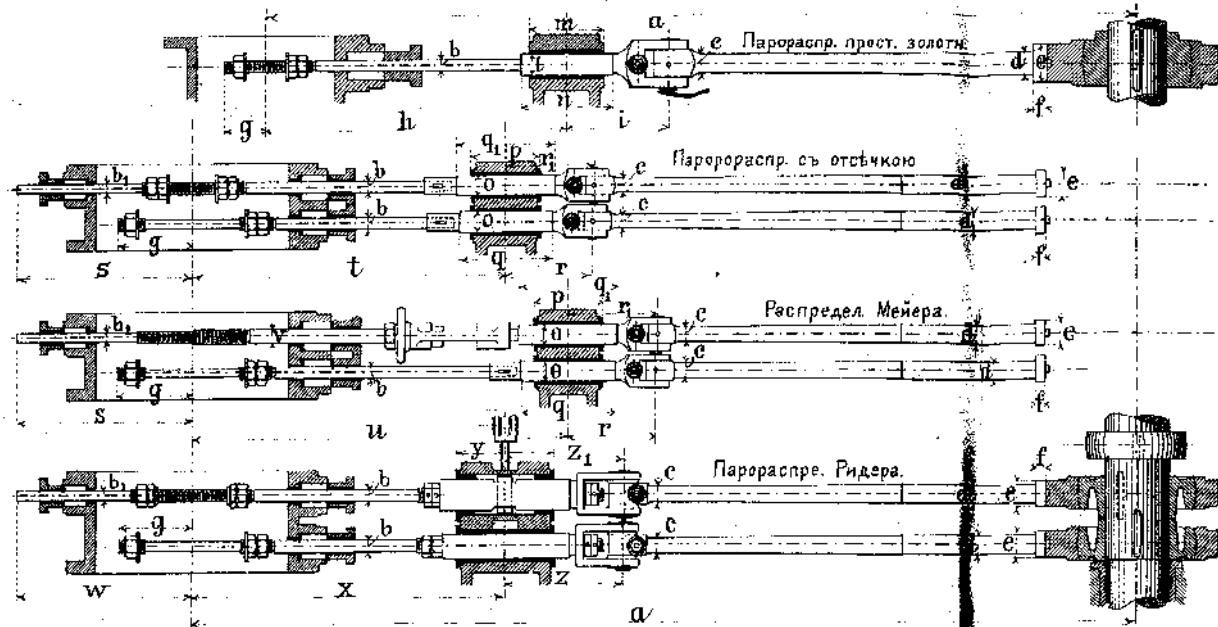


Фиг. 594.

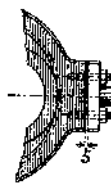
Фиг. 589.



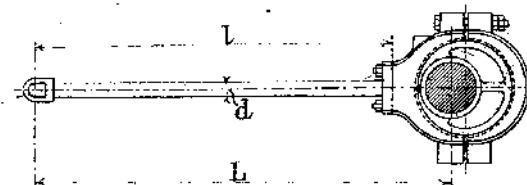
Фиг. 599.



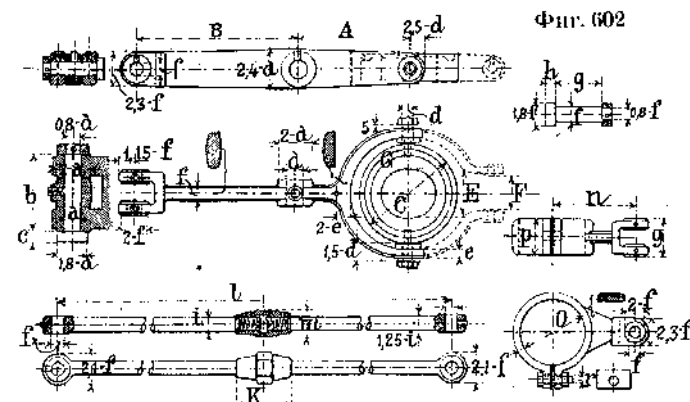
Фиг. 600.



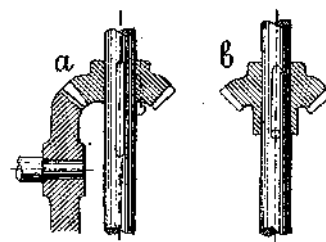
Фиг. 601.



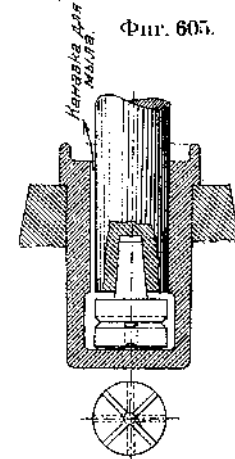
Фиг. 602.



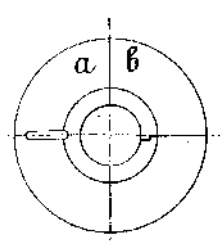
Фиг. 603.



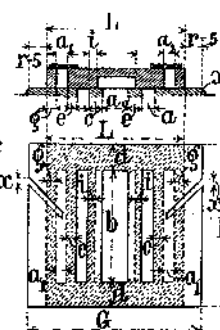
Фиг. 605.



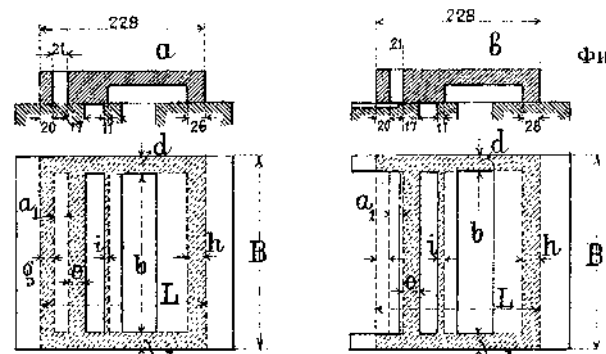
Фиг. 604.



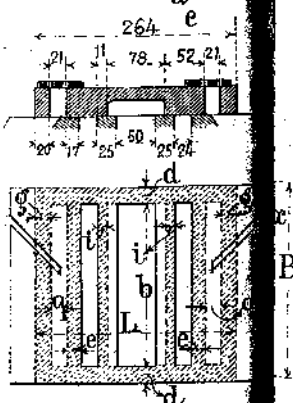
Фиг. 609.



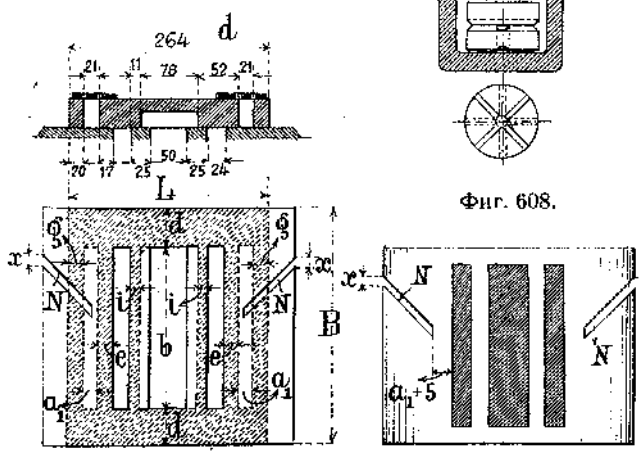
Фиг. 606.



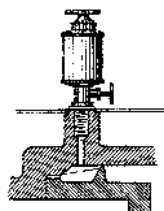
Фиг. 607.



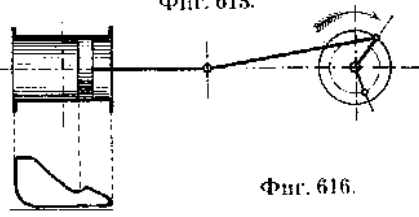
Фиг. 608.



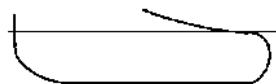
$\Phi_{III}, 611.$



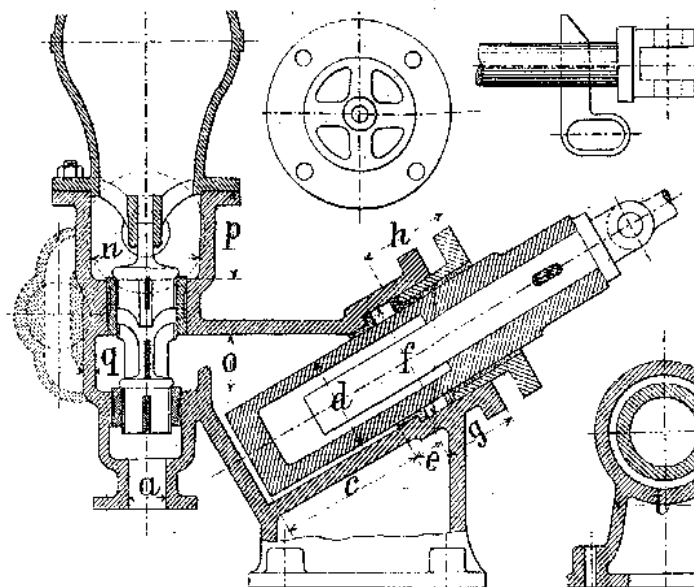
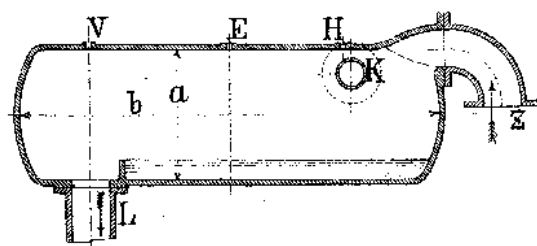
Φιν. 612.



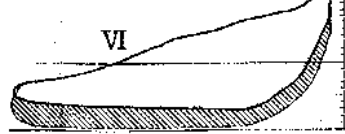
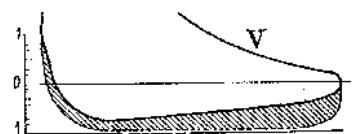
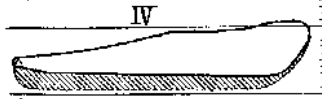
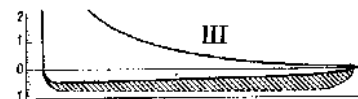
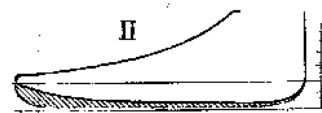
Φυσ. 616.



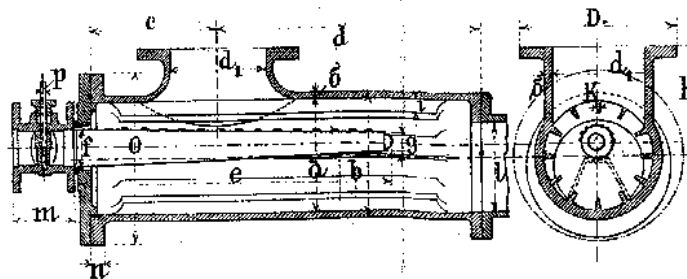
Φηγ. 617.



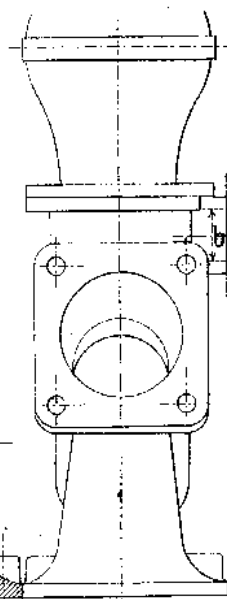
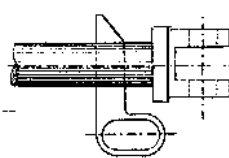
Фиг. 615.



Фиг. 618.



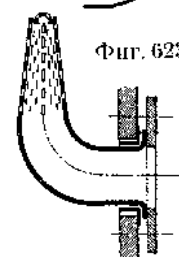
Фиг. 614.



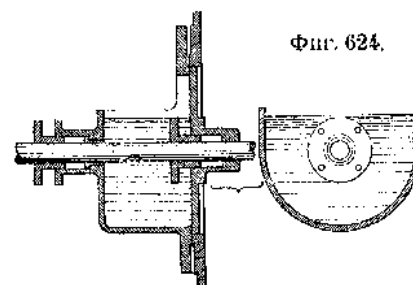
Фиг. 620.



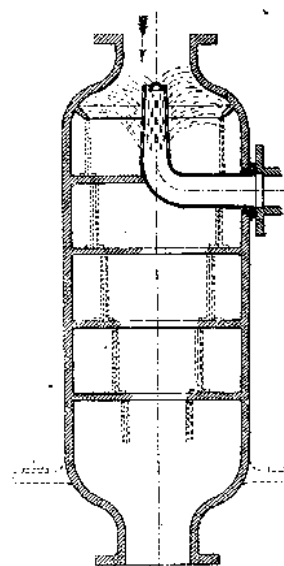
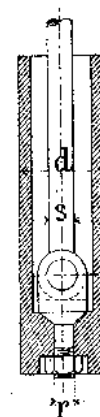
Φμγ. 623.



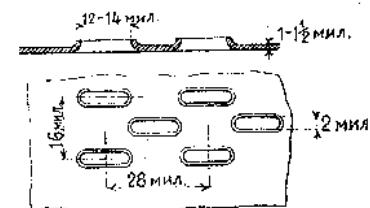
Φιν. 624.



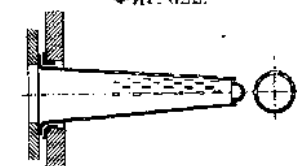
Фиг. 619.



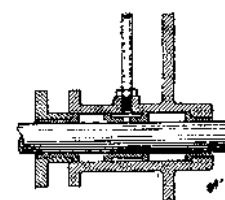
ФЕР. 621.



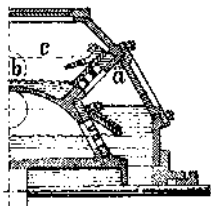
Фиг. 622.



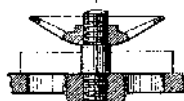
Фиг. 625.



Фиг. 626.



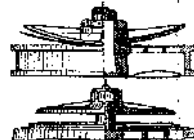
Фиг. 627.



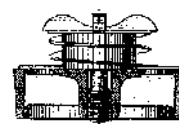
Фиг. 628.



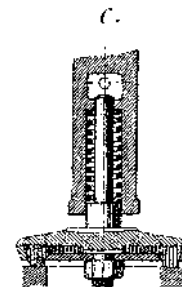
Фиг. 630.



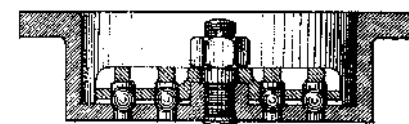
Фиг. 631.



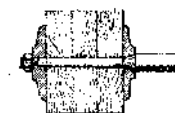
Фиг. 629.



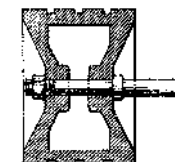
Фиг. 634.



Фиг. 635.



Фиг. 636.

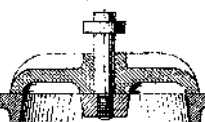


Фиг. 632.

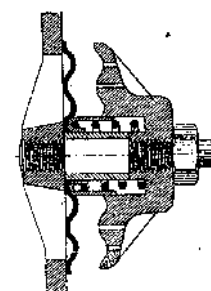
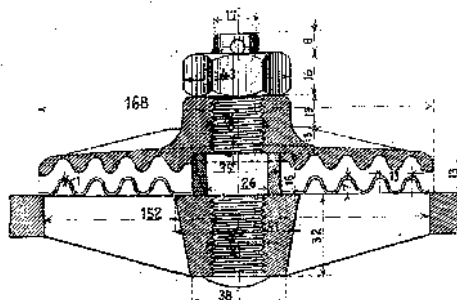
d.

a.

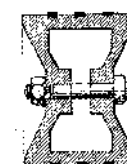
b.



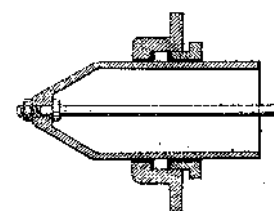
Фиг. 633.



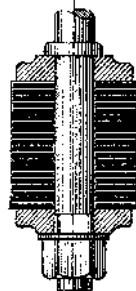
Фиг. 637.



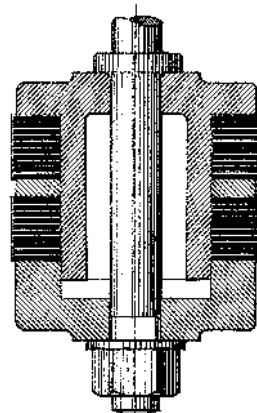
Фиг. 638.



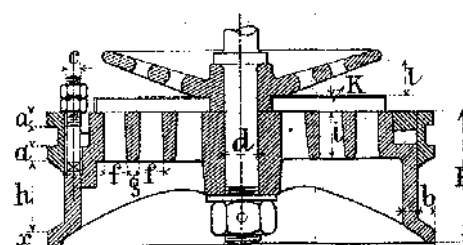
Фиг. 639.



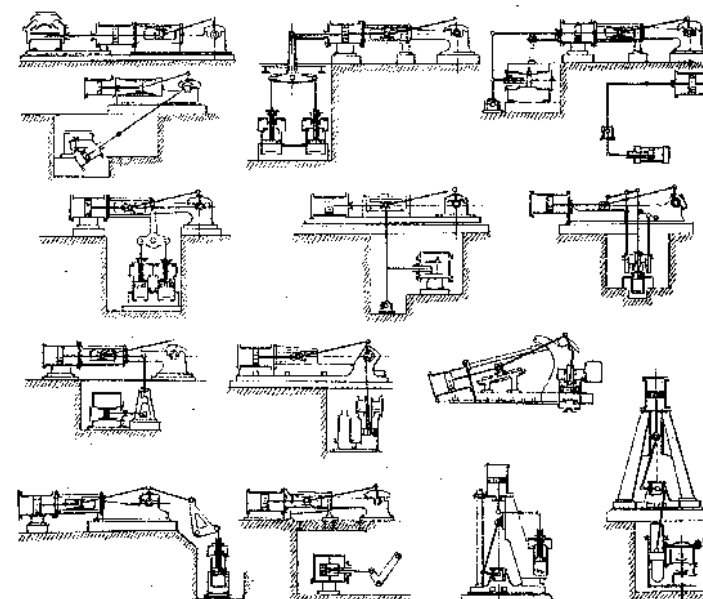
Фиг. 640.



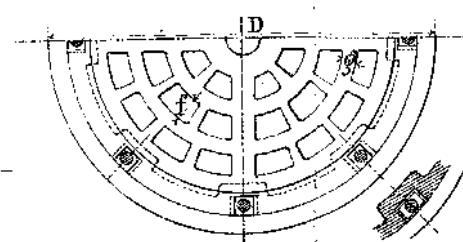
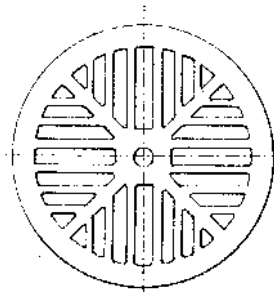
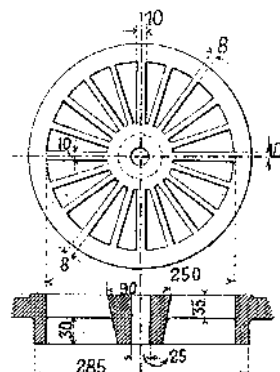
Фиг. 641.



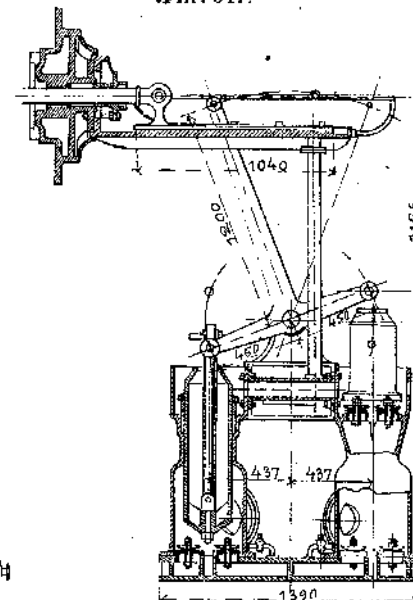
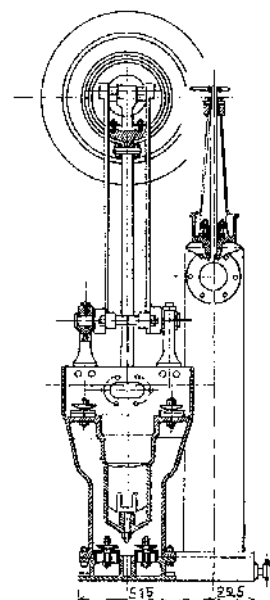
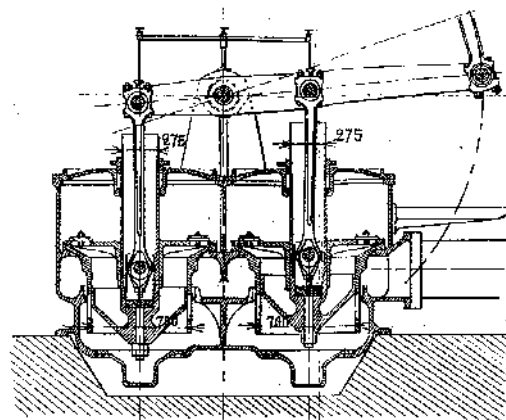
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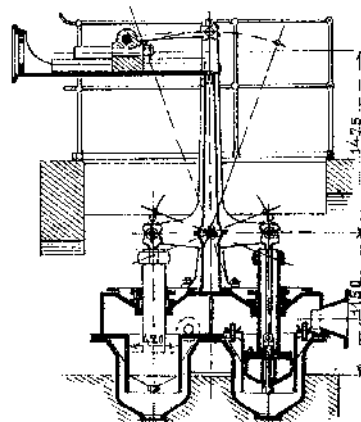
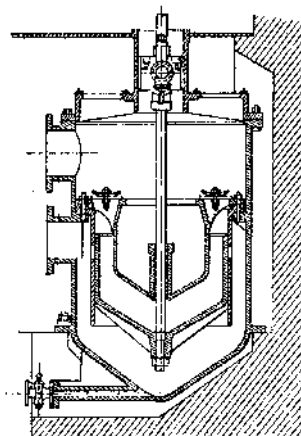
Фиг. 642.



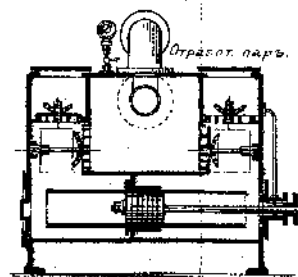
Фин. 647.



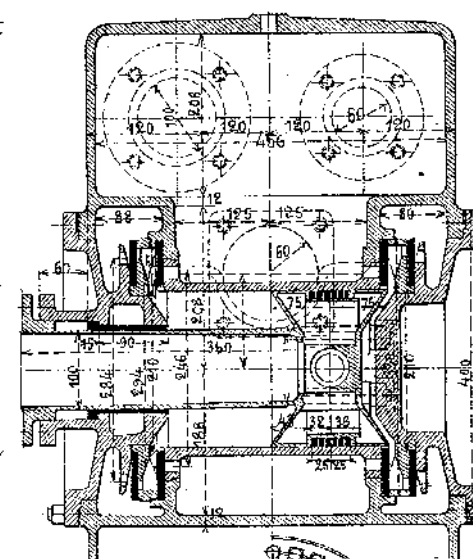
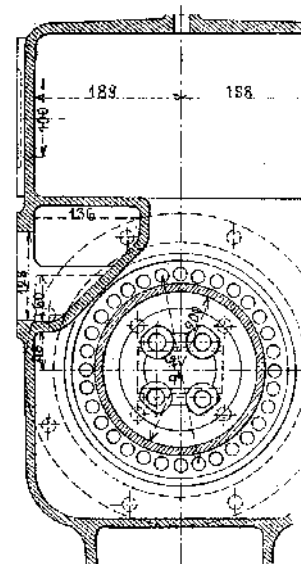
Фин. 648.



Фиг. 650.

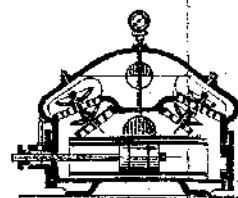
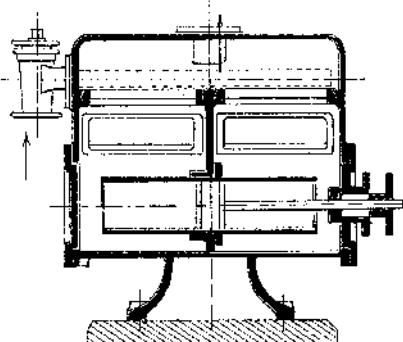
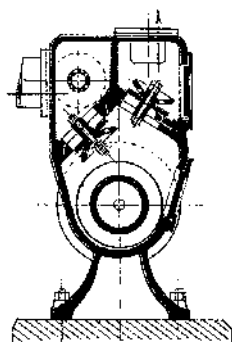


Φ311, 651.

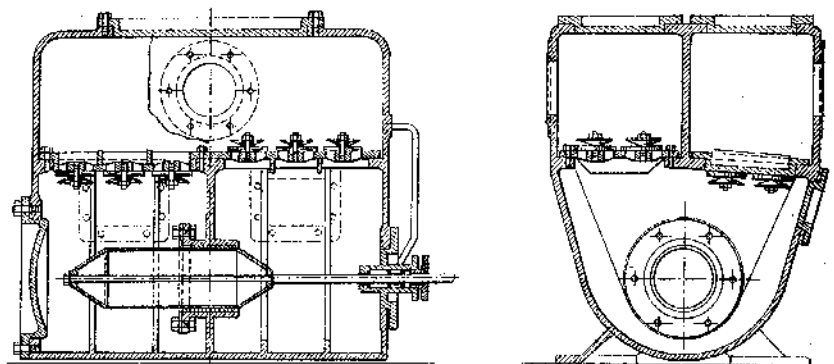


Φιν. 649.

Фиг. 650. а

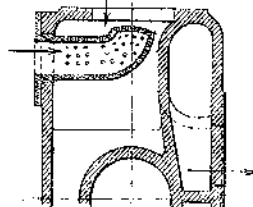
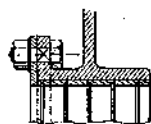
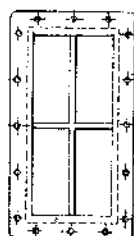
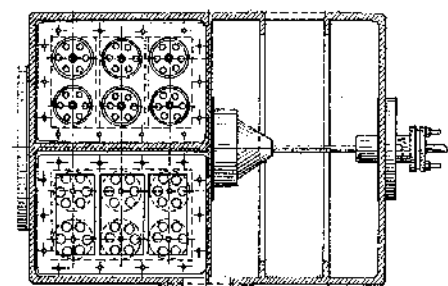
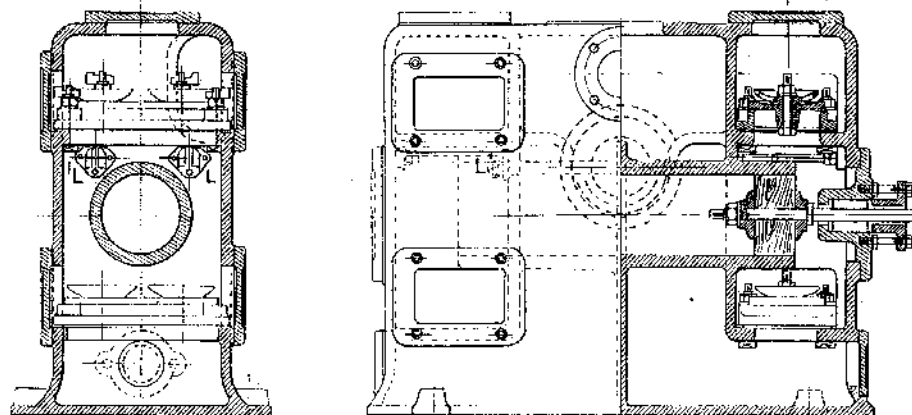


Фиг. 652.

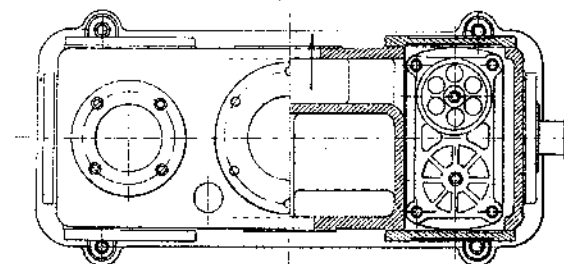


Фиг. 652. а

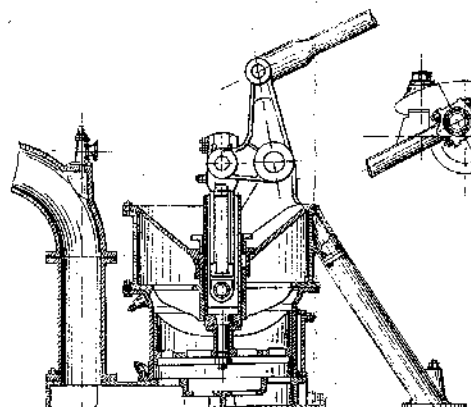
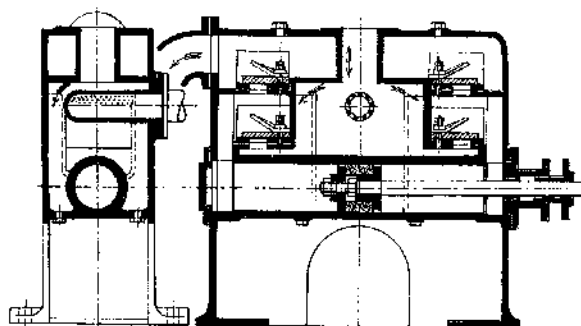
Фиг. 654.



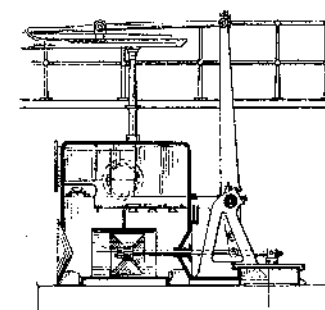
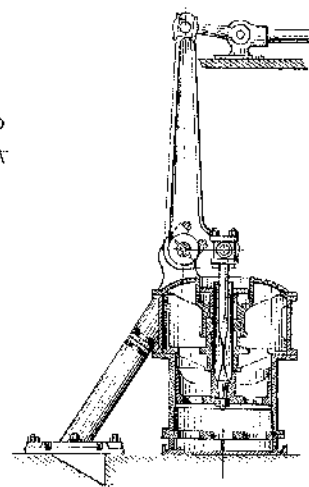
Фиг. 655.



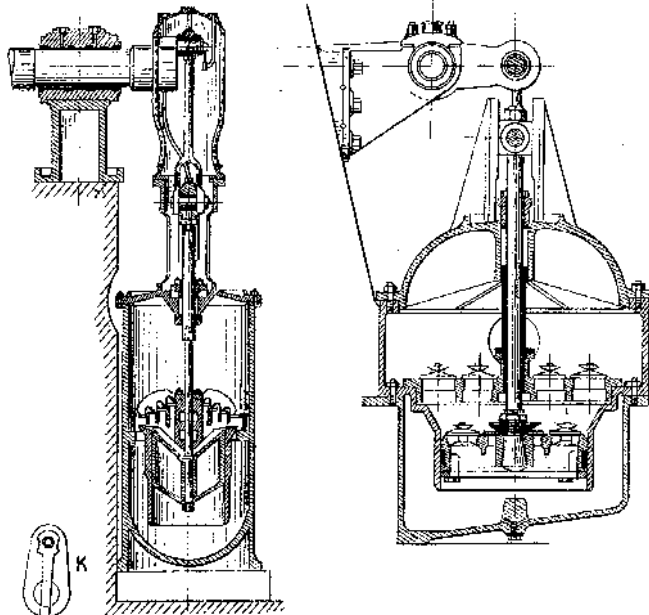
Фиг. 653.



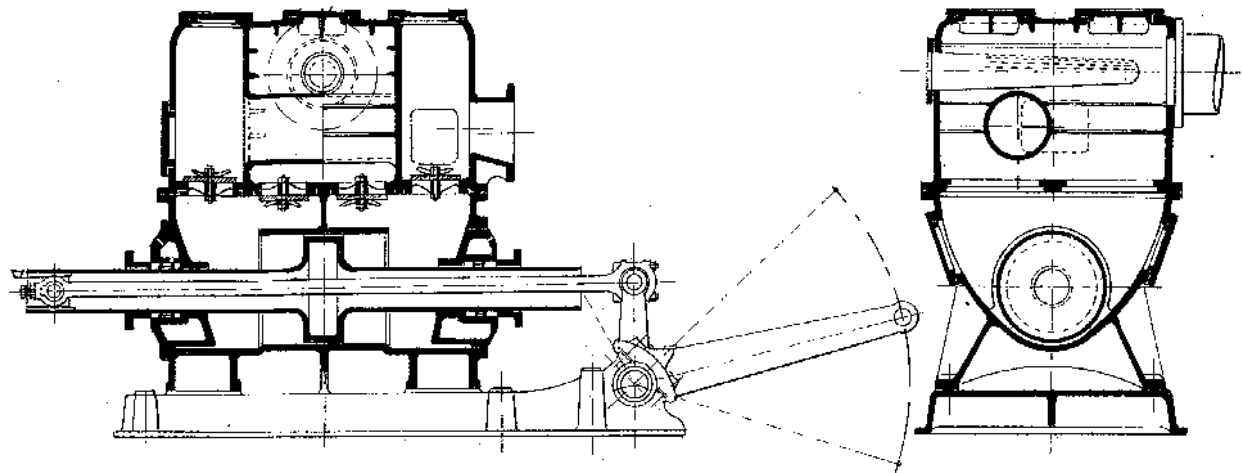
Фиг. 656.



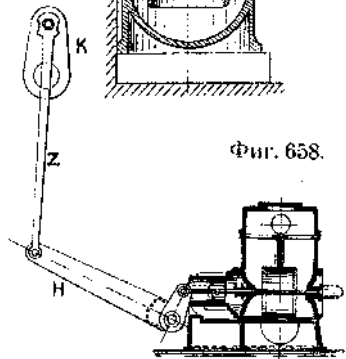
Фиг. 657.



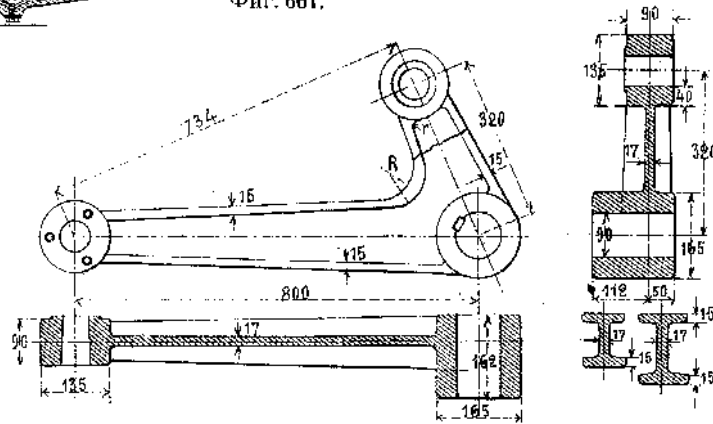
Фиг. 659.



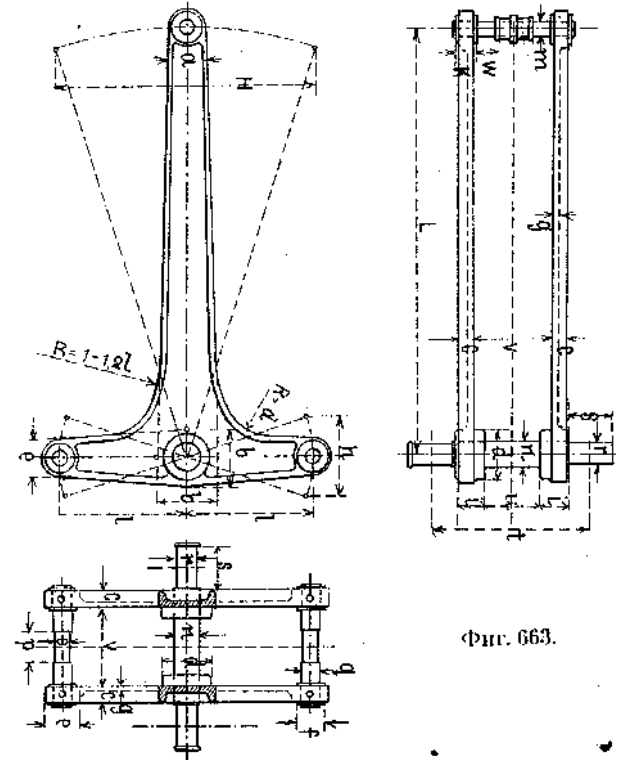
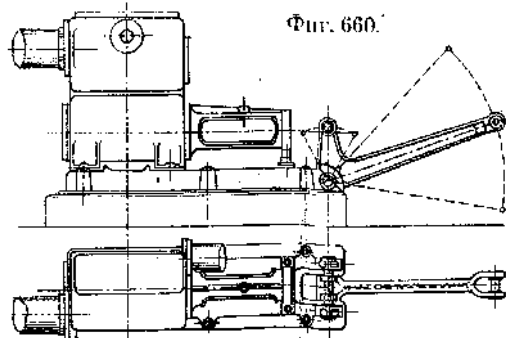
Фиг. 661.



Фиг. 658.

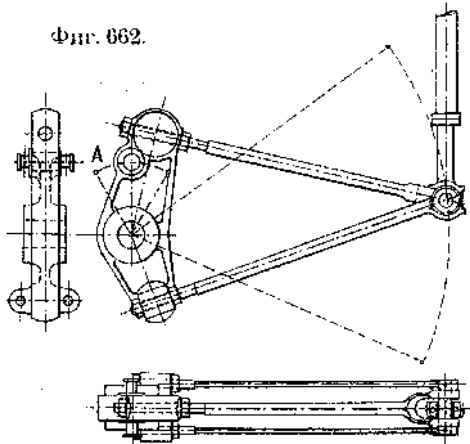


Фиг. 660.

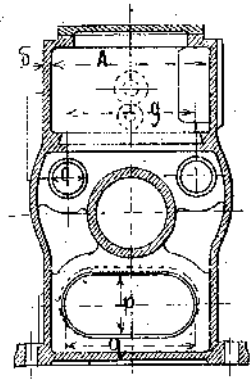
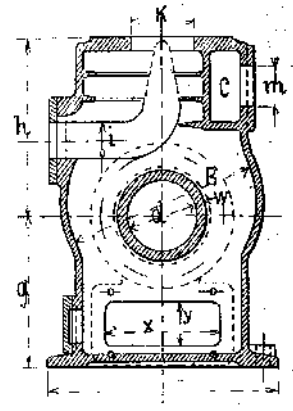
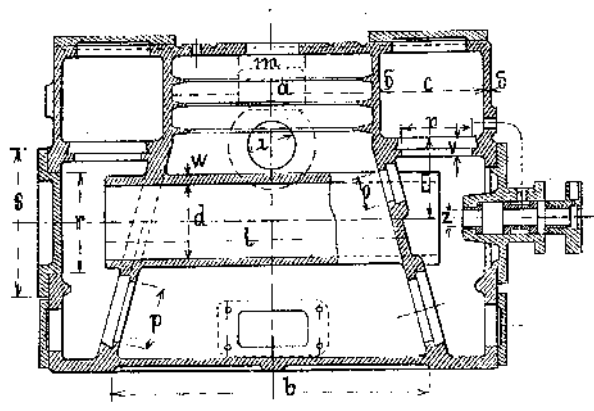


Фиг. 663.

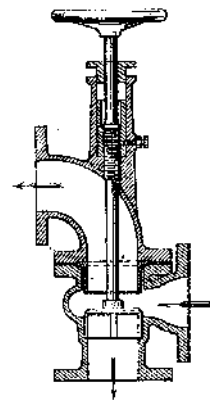
Фиг. 662.



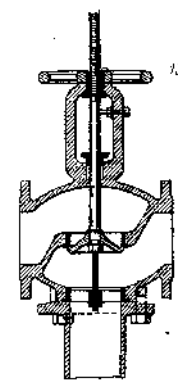
Фиг. 664.



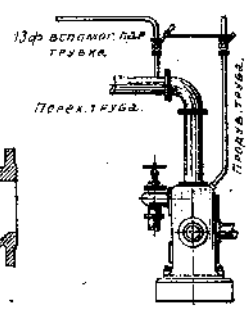
Фиг. 665.



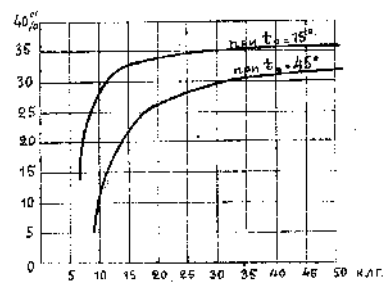
Фиг. 666.



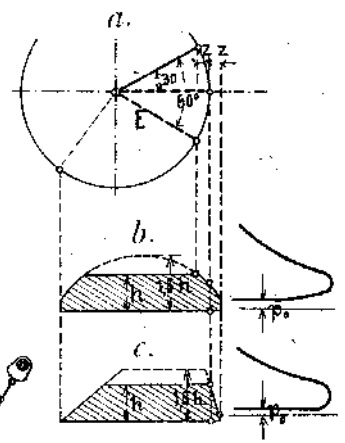
Фиг. 667.



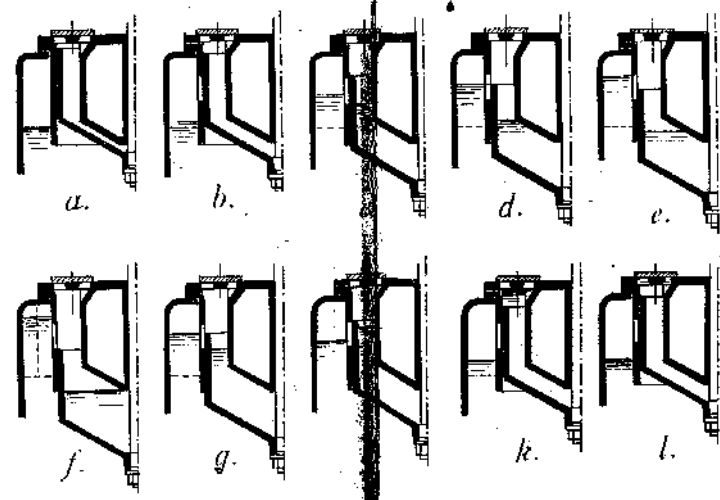
Фиг. 672.



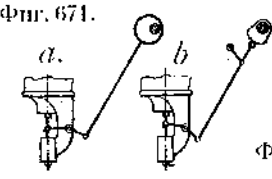
Фиг. 668.



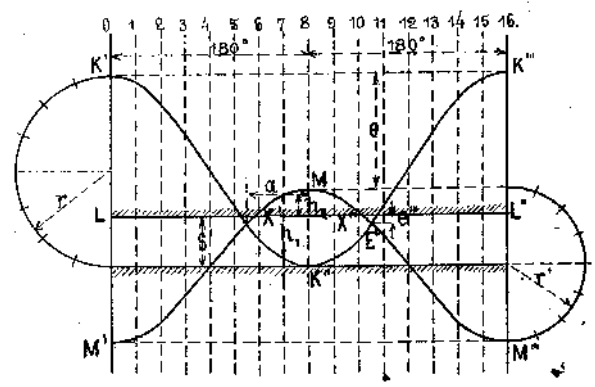
Фиг. 671.



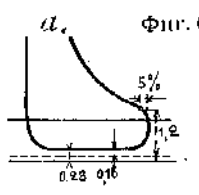
Фиг. 671.



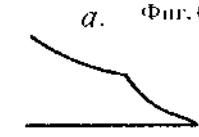
Фиг. 675.



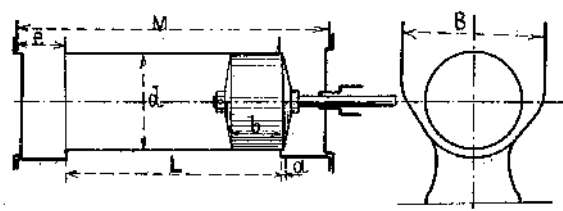
Фиг. 669.



Фиг. 670.

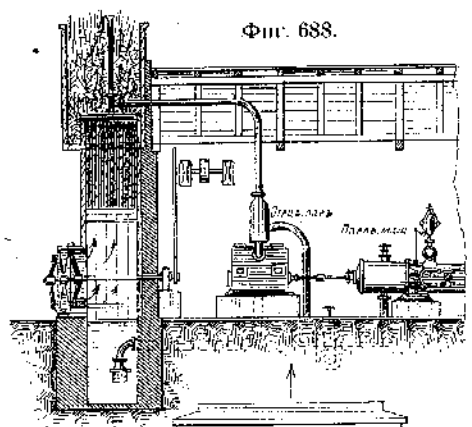


Фиг. 673.

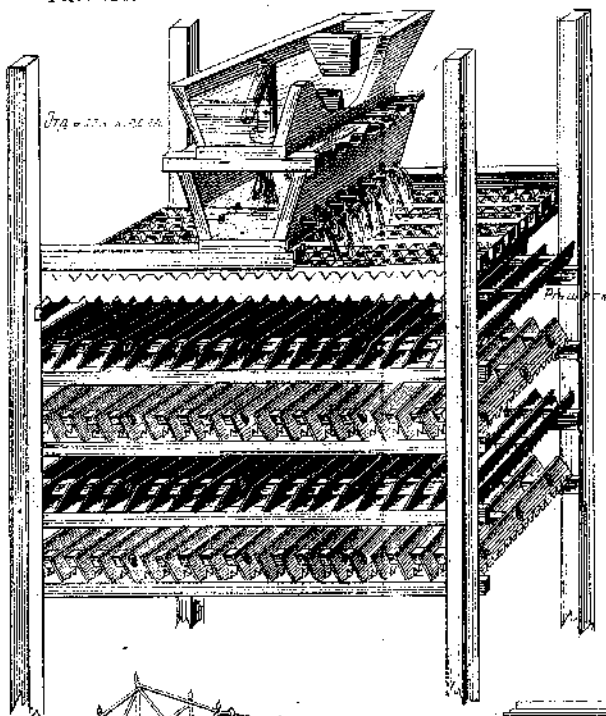




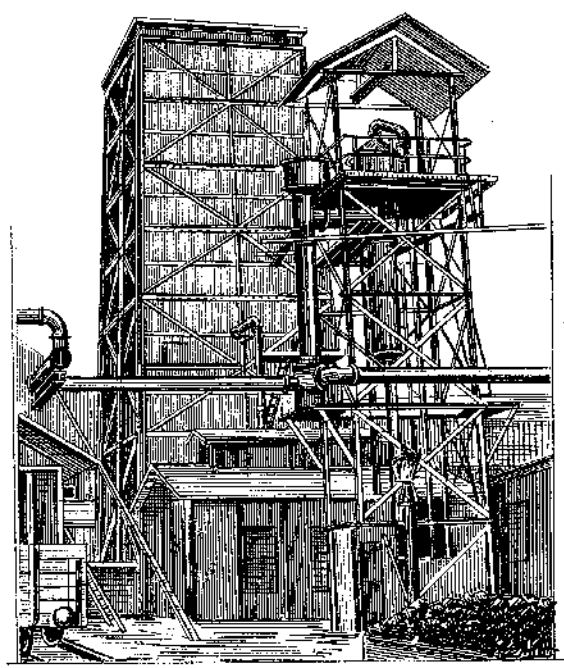
Фиг. 688.



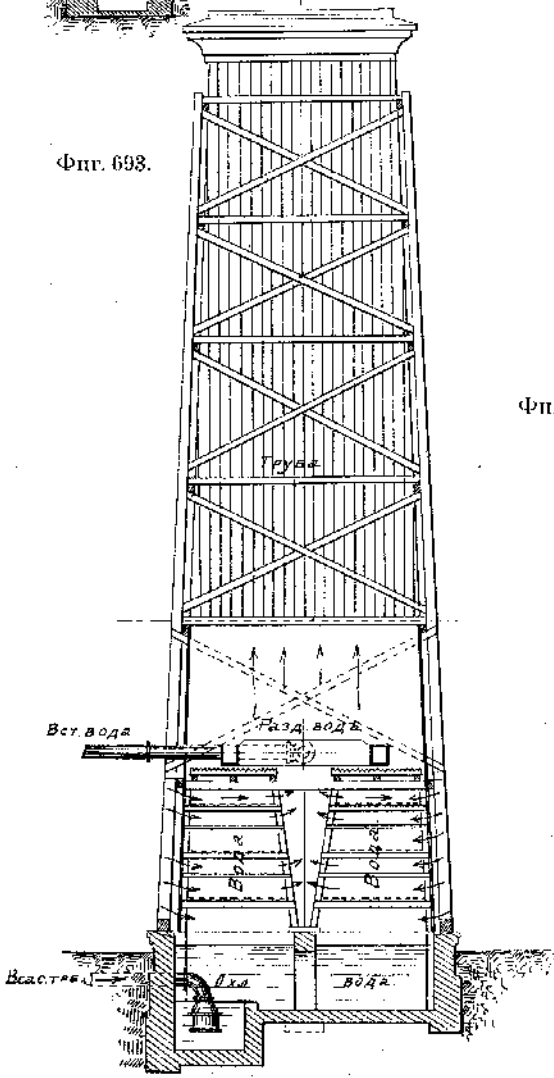
Фиг. 689.



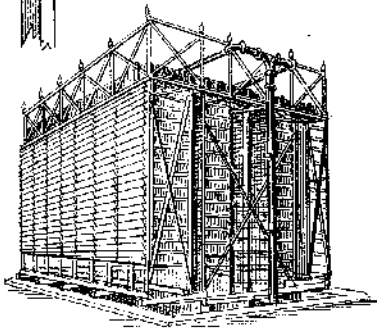
Фиг. 691.



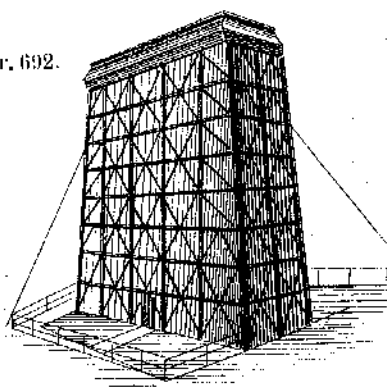
Фиг. 693.



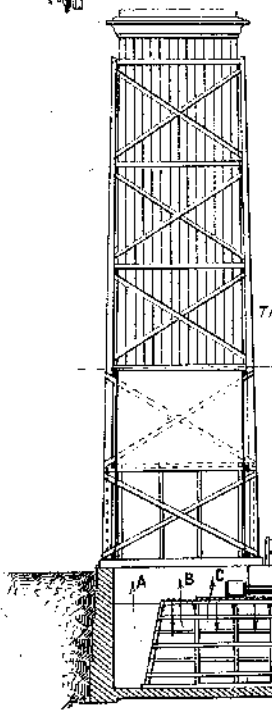
Фиг. 690.



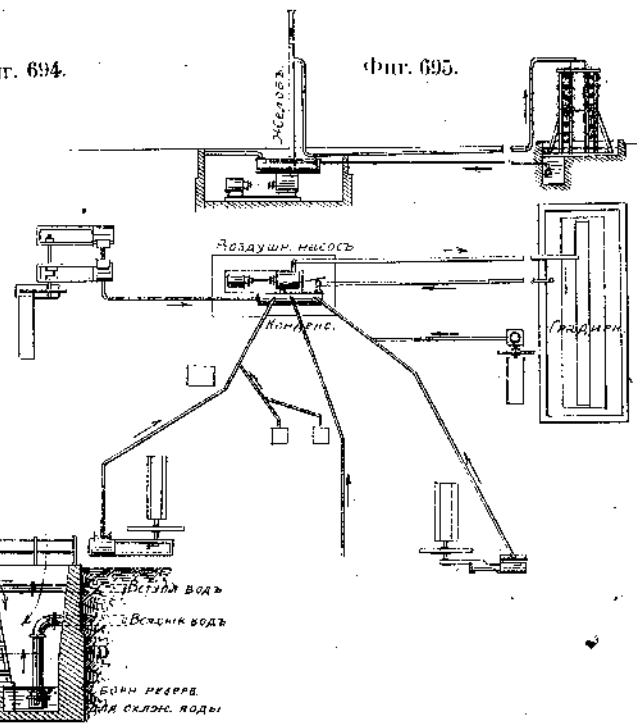
Фиг. 692.



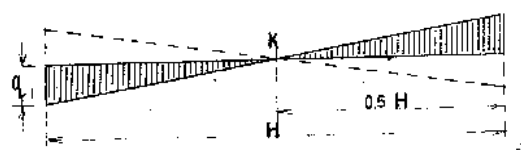
Фиг. 694.



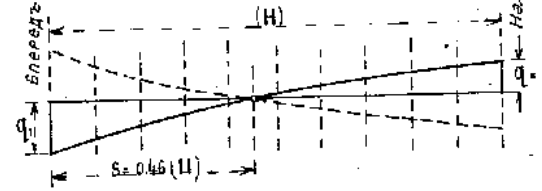
Фиг. 695.



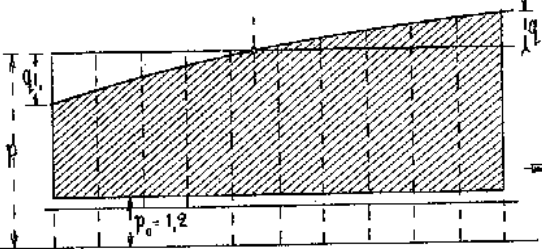
Фиг. 696.



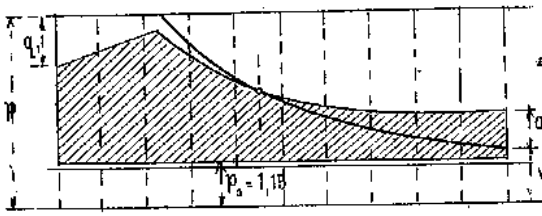
Фиг. 697.



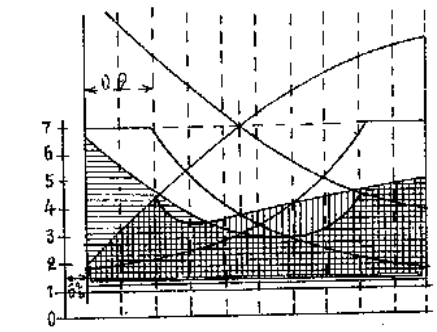
Фиг. 698.



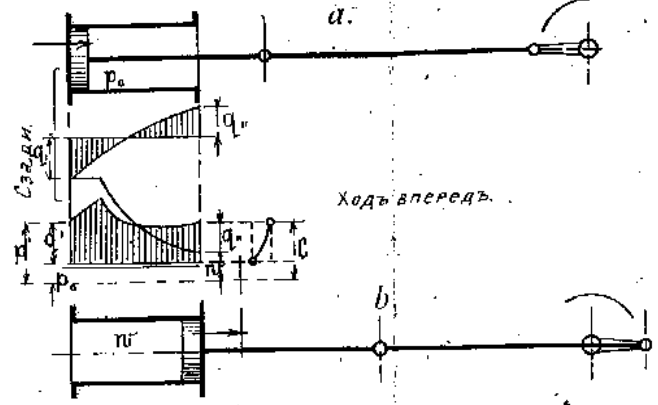
Фиг. 699.



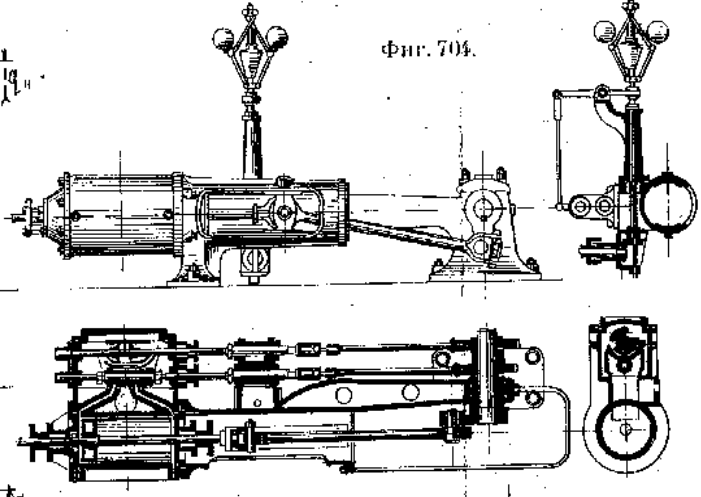
Фиг. 701.



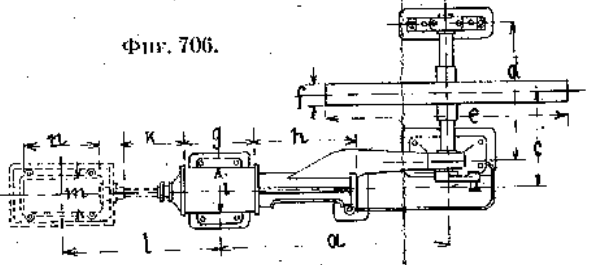
Фиг. 702.



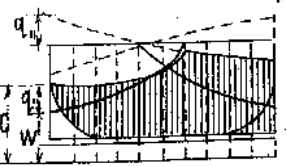
Фиг. 704.



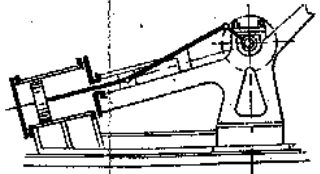
Фиг. 706.



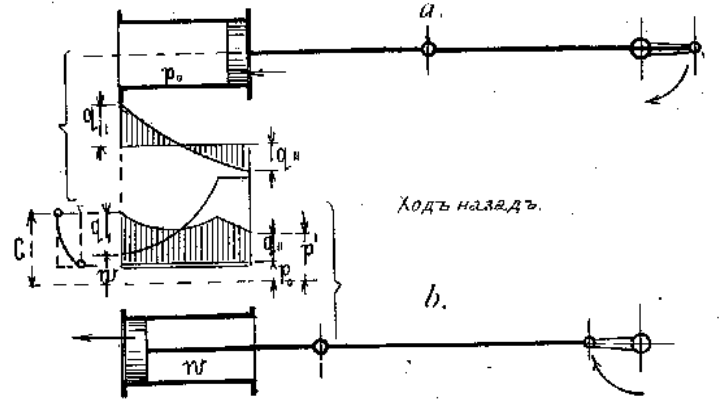
Фиг. 700.



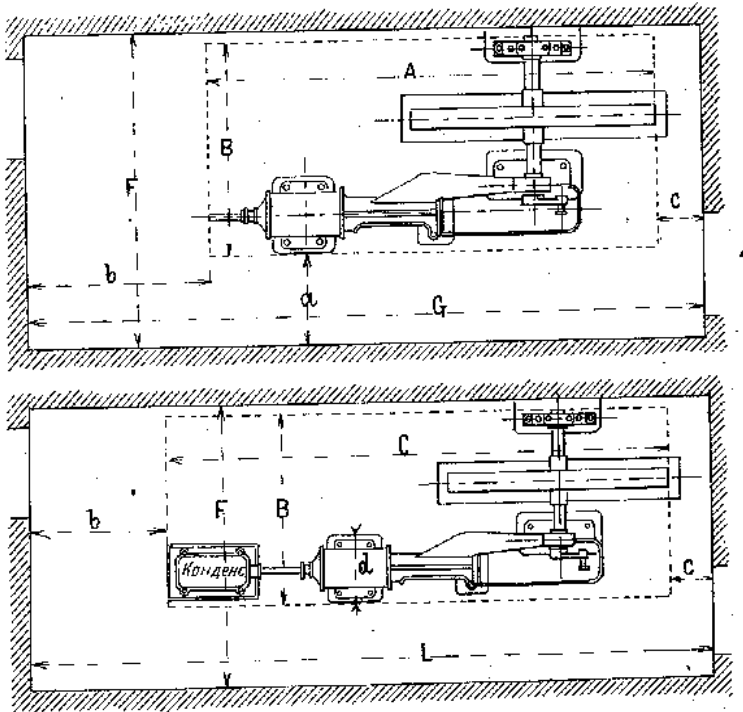
Фиг. 707.



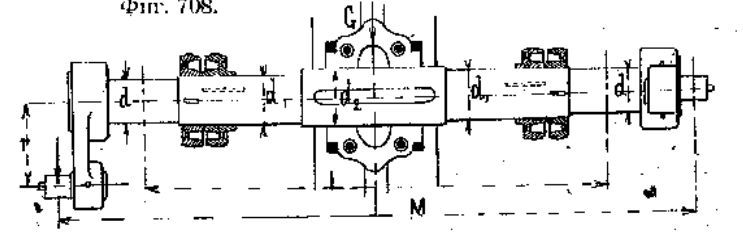
Фиг. 703.



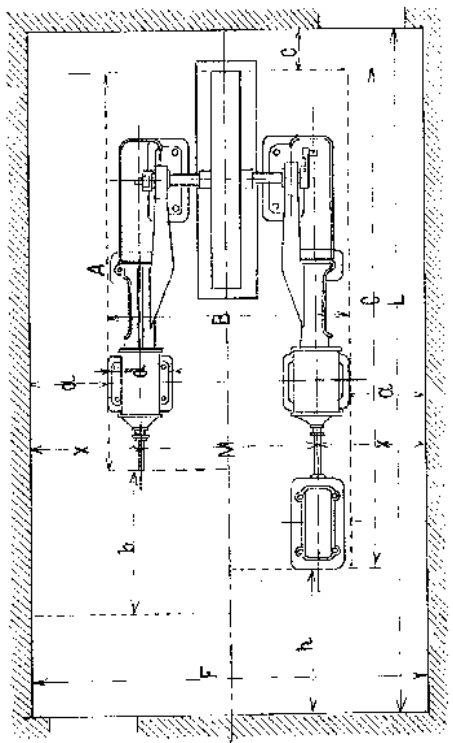
Фиг. 705.



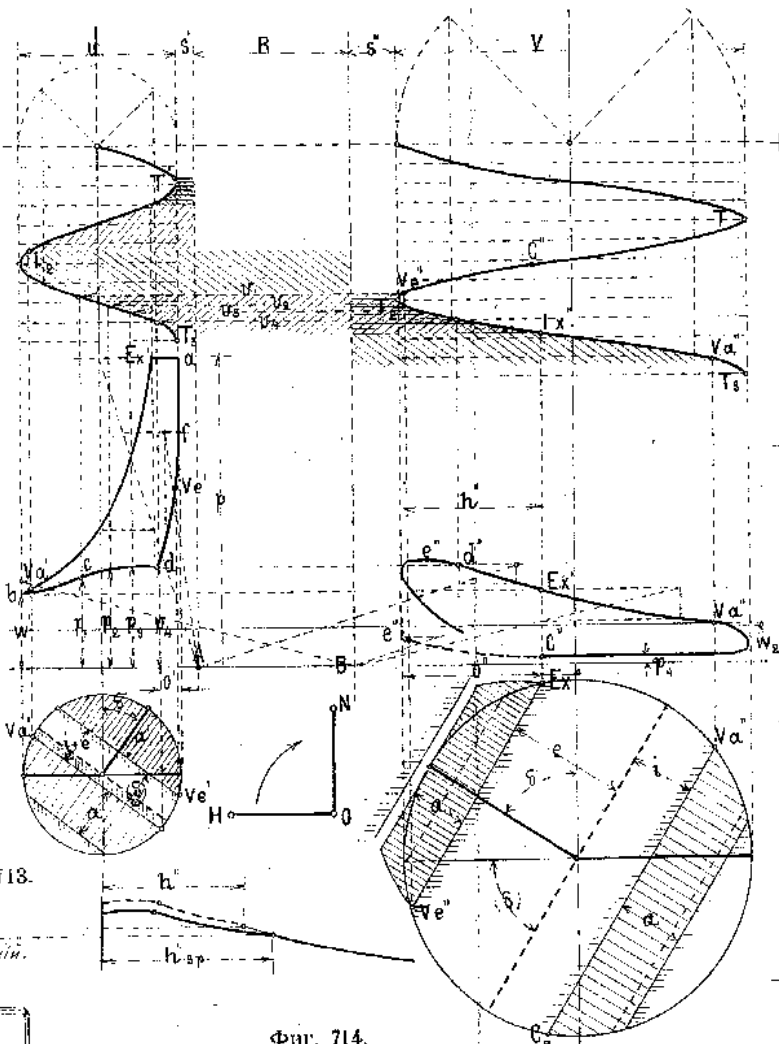
Фиг. 708.



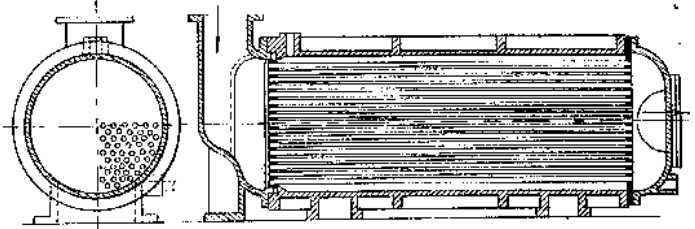
Фиг. 710.



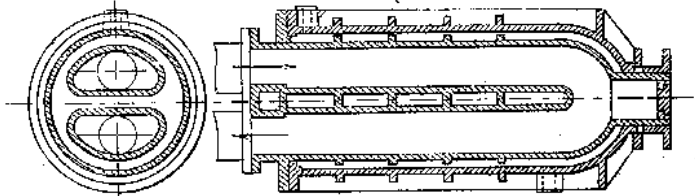
Фиг. 711. 712.



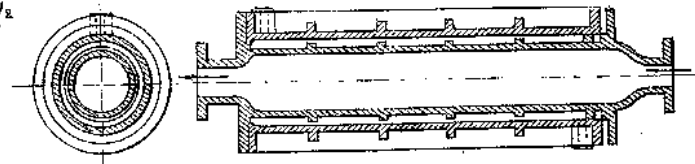
Фиг. 715.



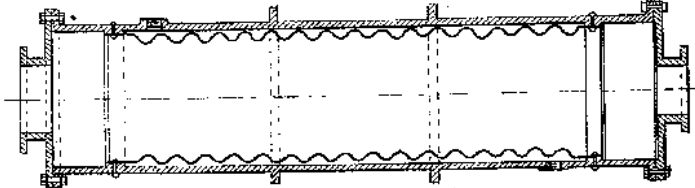
Фиг. 716.



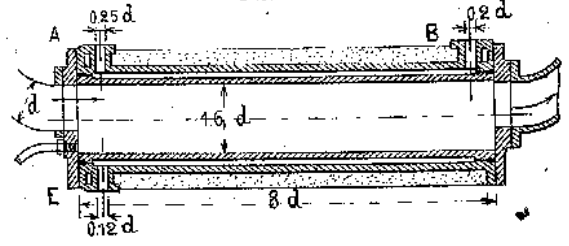
Фиг. 717.



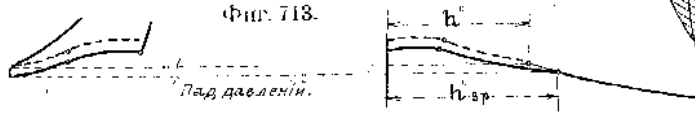
Фиг. 718.



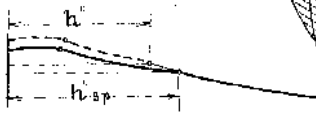
Фиг. 719.



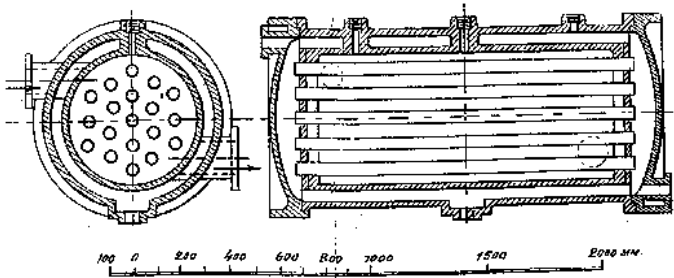
Фиг. 709.



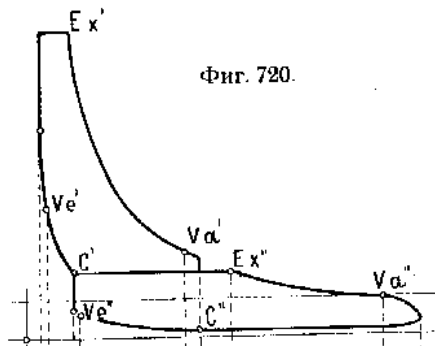
Фиг. 713.



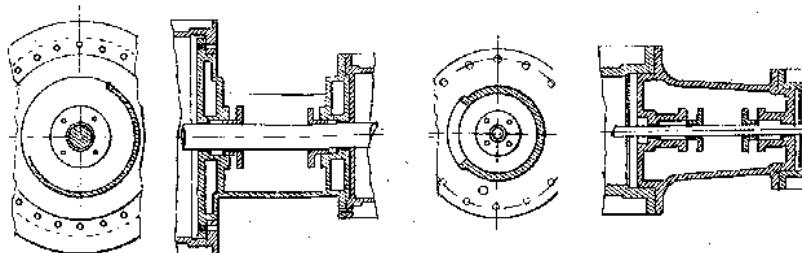
Фиг. 714.



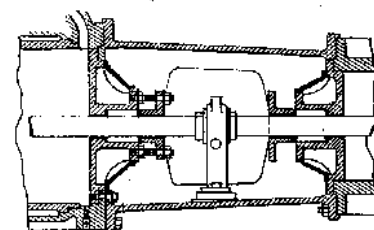
Фиг. 720.



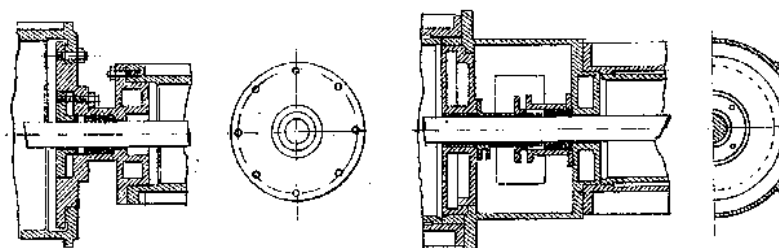
Фиг. 724.



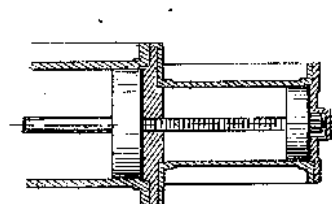
Фиг. 726.



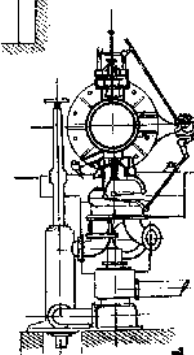
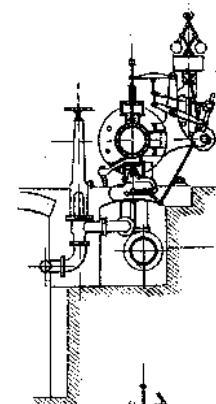
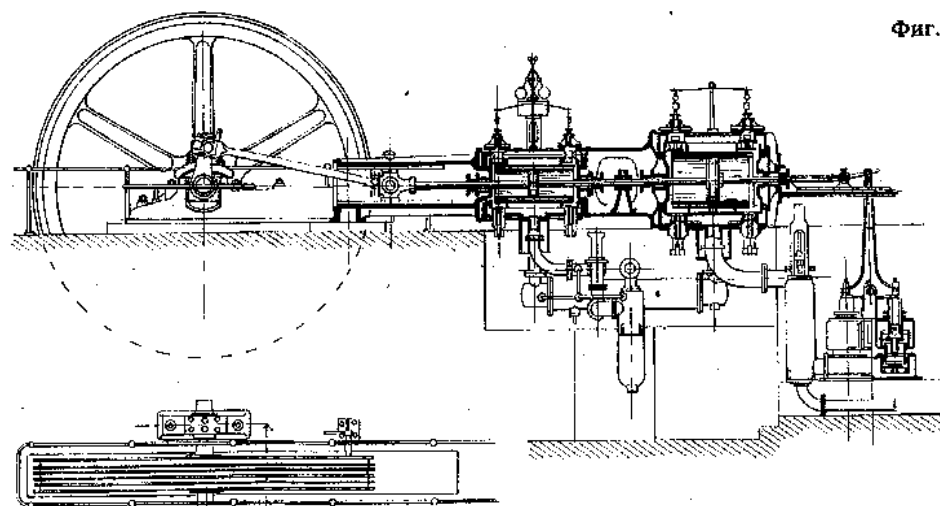
Фиг. 725.



Фиг. 723.

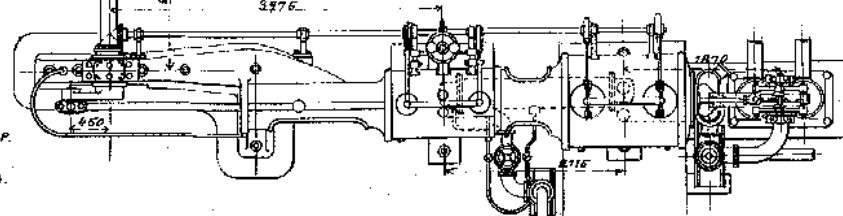
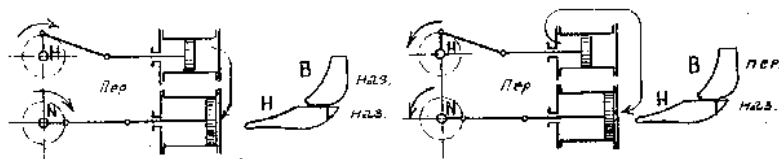


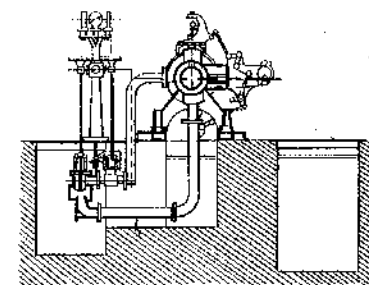
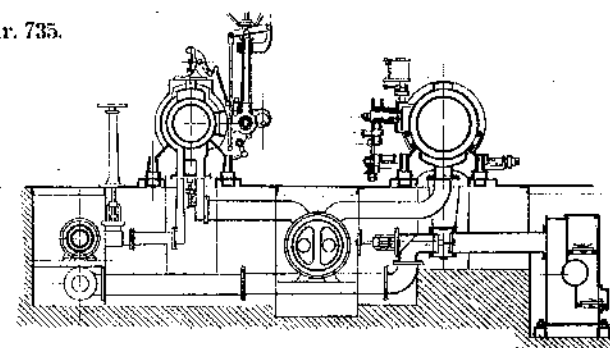
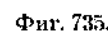
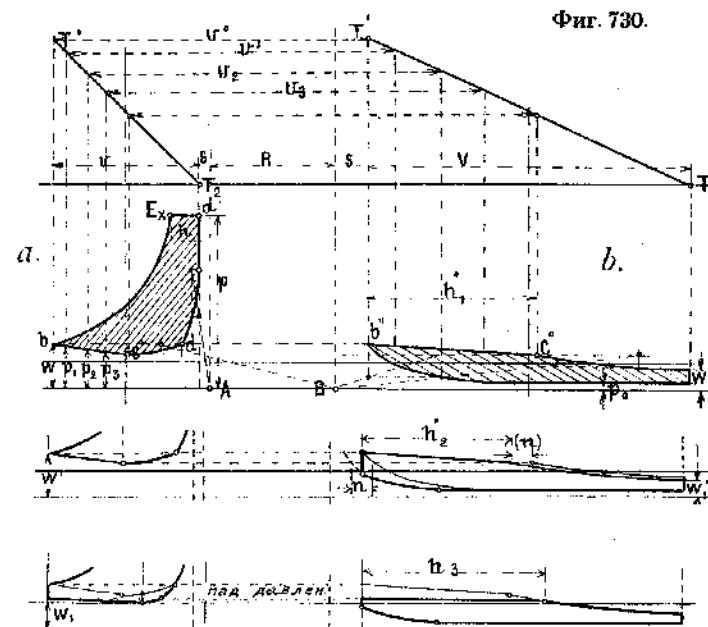
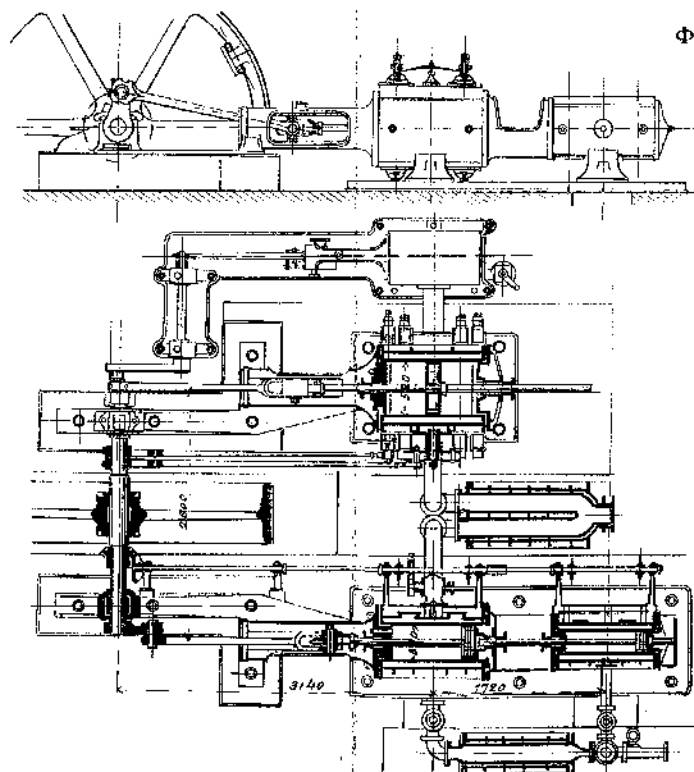
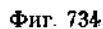
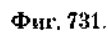
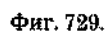
Фиг. 727.



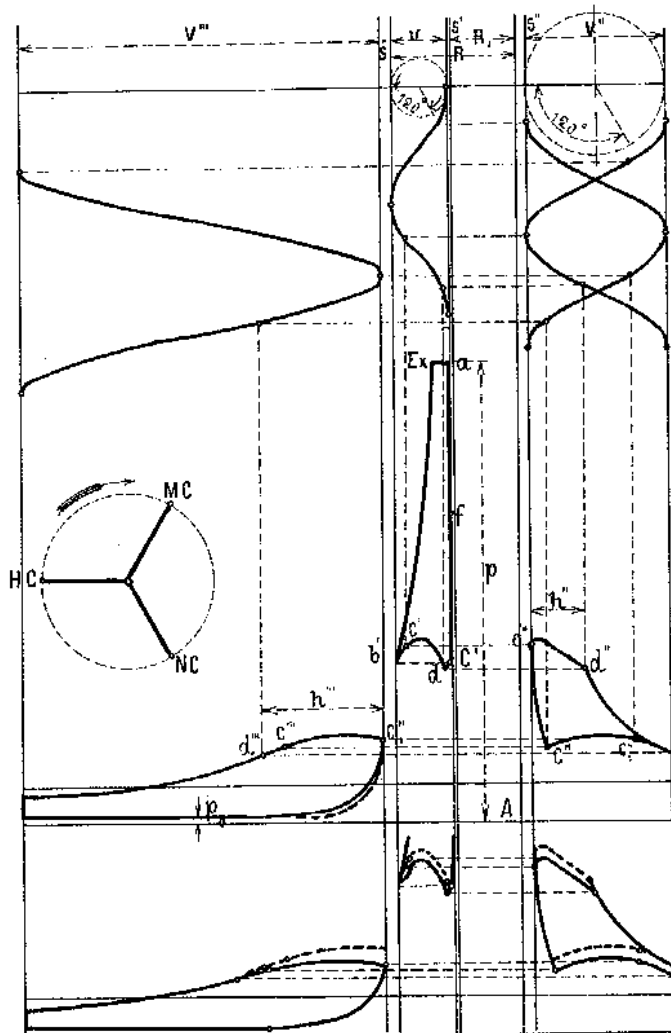
Фиг. 721.

Фиг. 722.

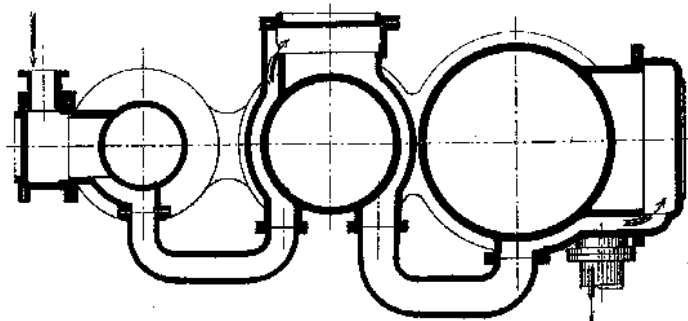




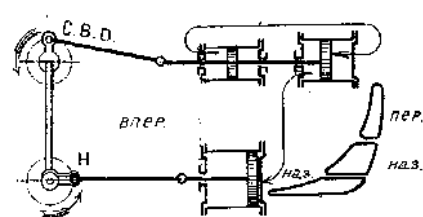
Фиг. 736



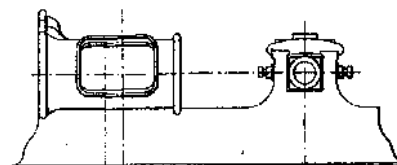
Фиг. 738.



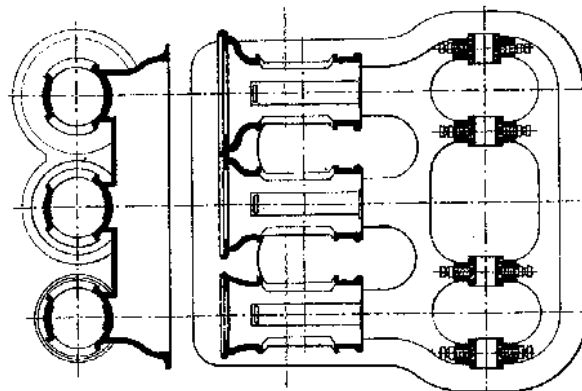
Фиг. 737.



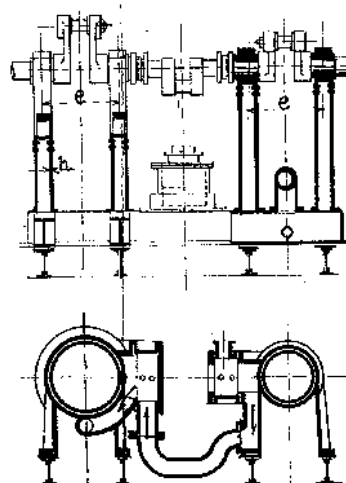
Фиг. 739.



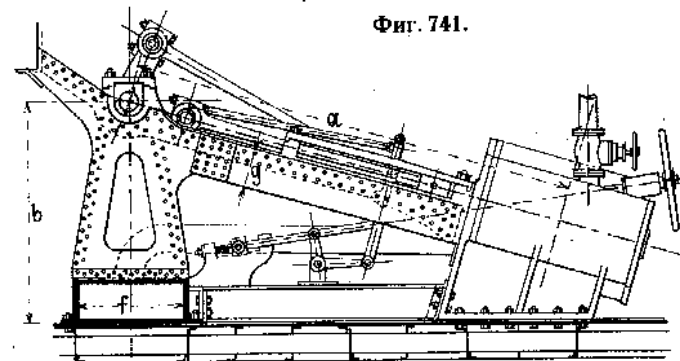
Фиг. 740.



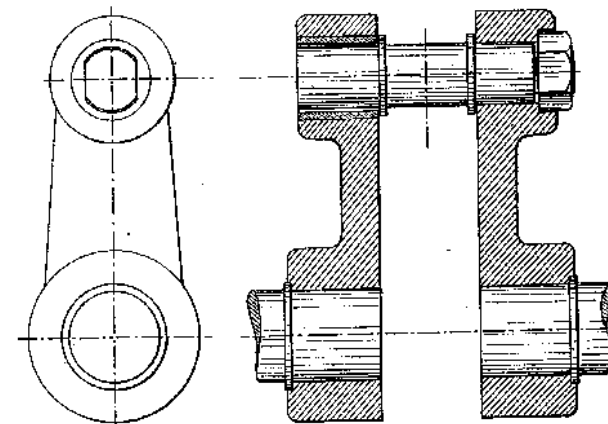
Фиг. 742.



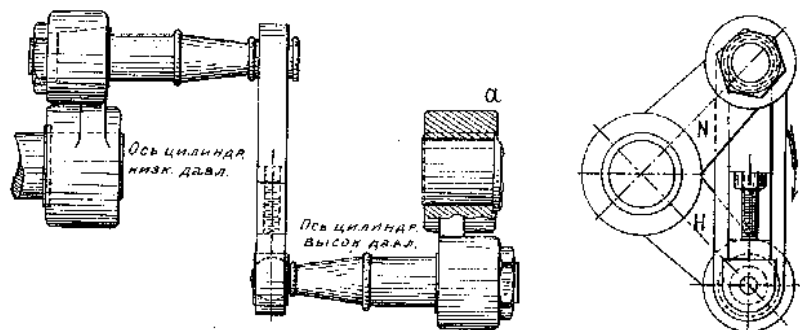
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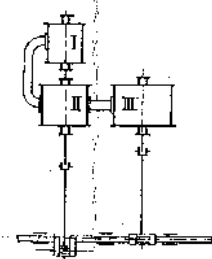
Фиг. 743.



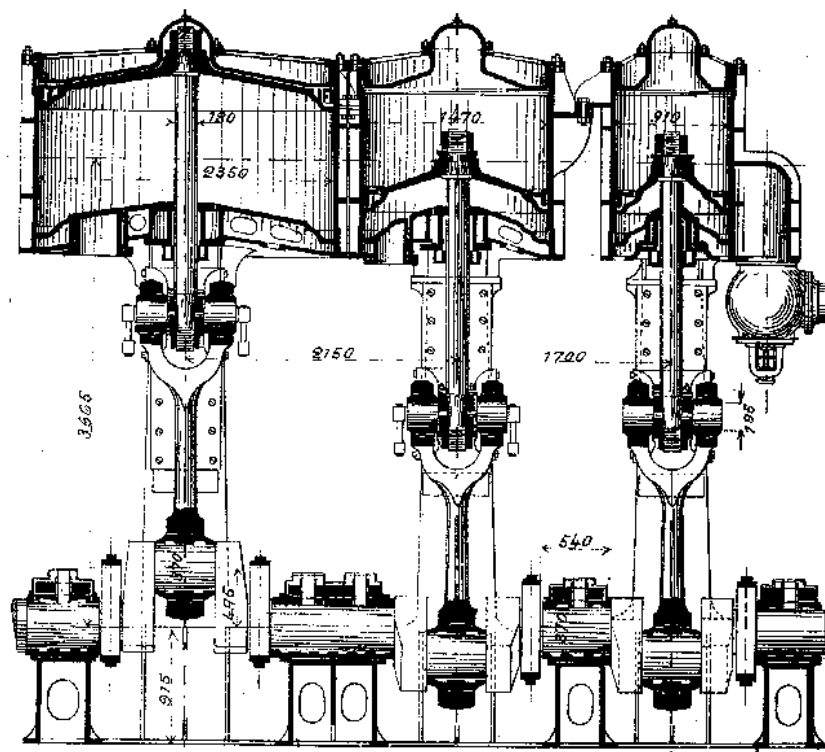
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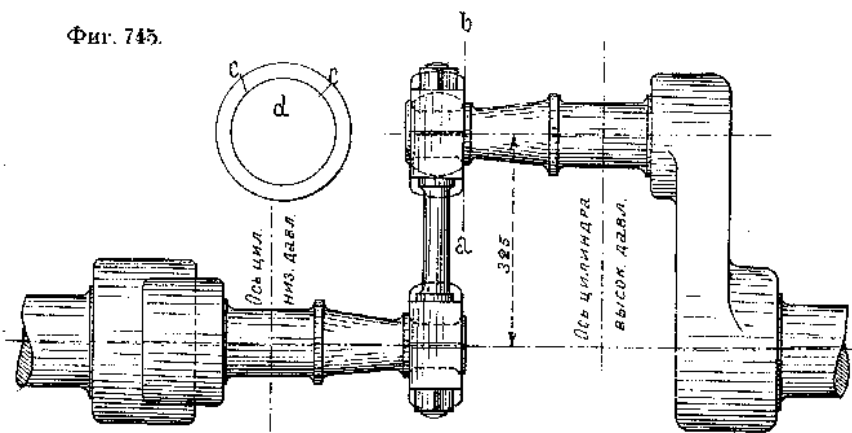
Фиг. 747.



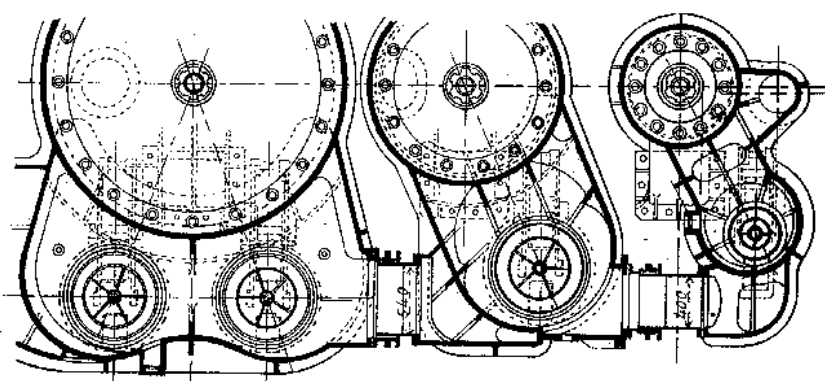
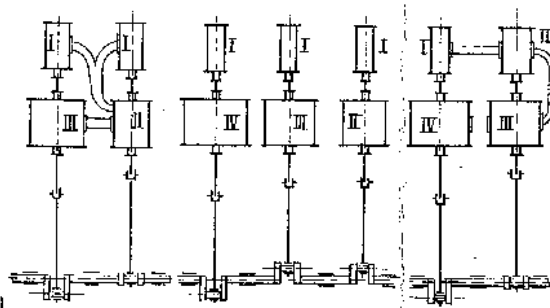
Фиг. 749.



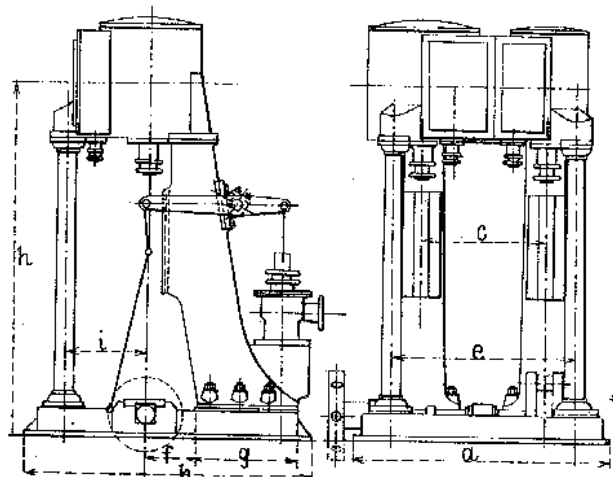
Фиг. 745.



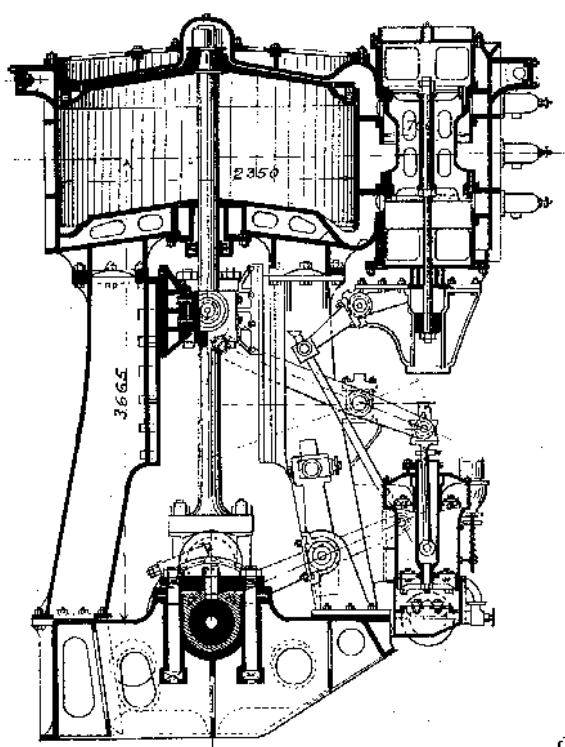
Фиг. 748.



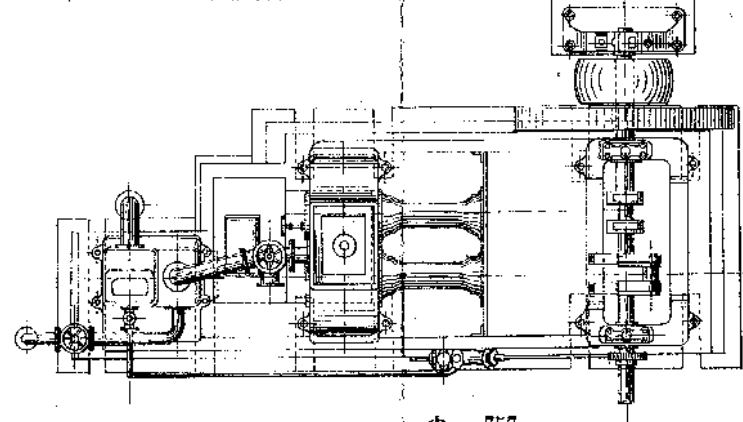
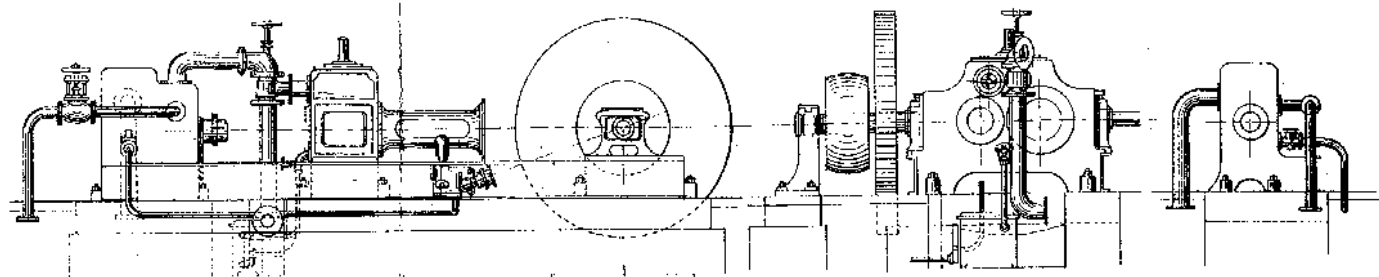
Фиг. 746.



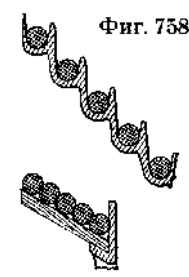
Фиг. 750.



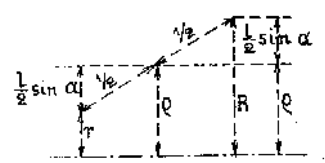
Фиг. 752.



Фиг. 758.

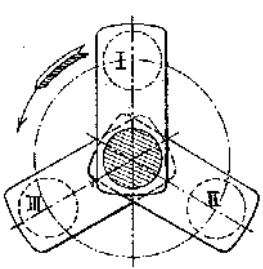


Фиг. 759.

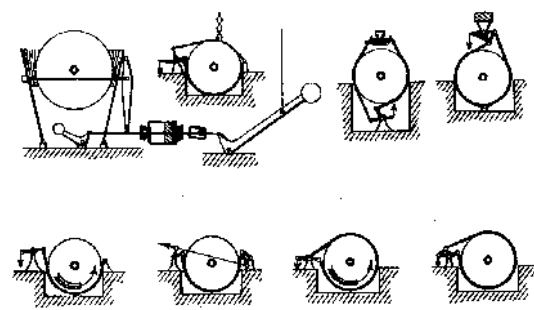


Фиг. 760.

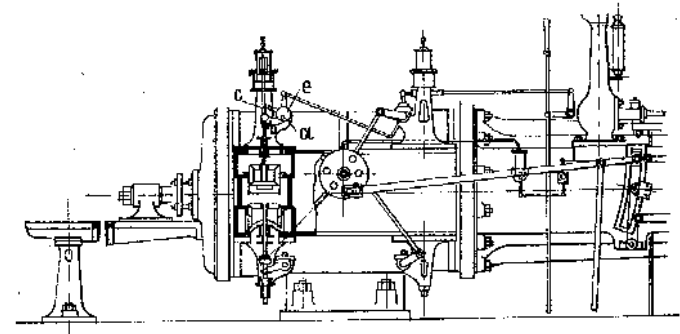
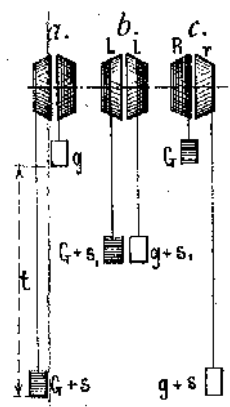
Фиг. 751.



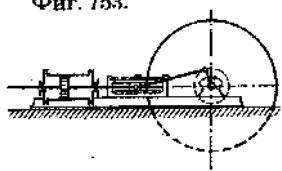
Фиг. 755.



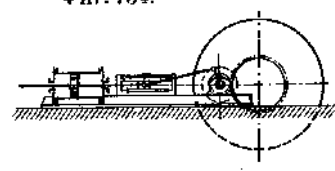
Фиг. 757.



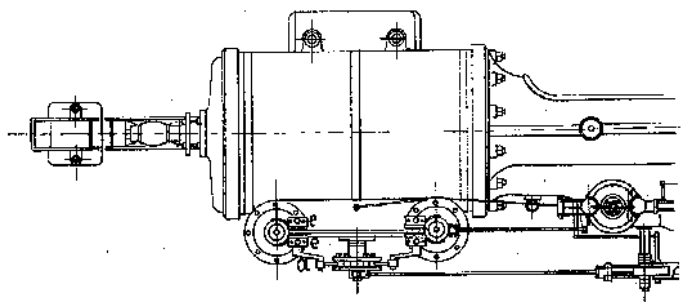
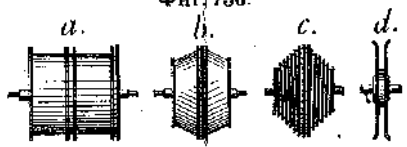
Фиг. 753.



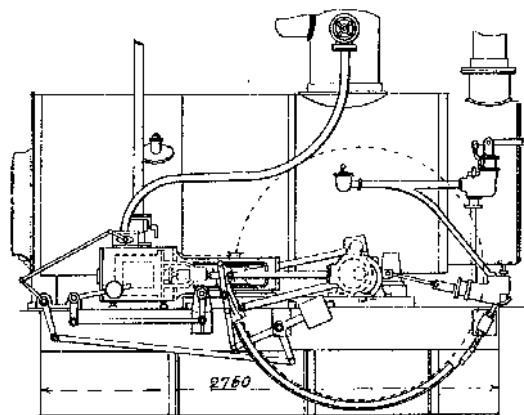
Фиг. 754.



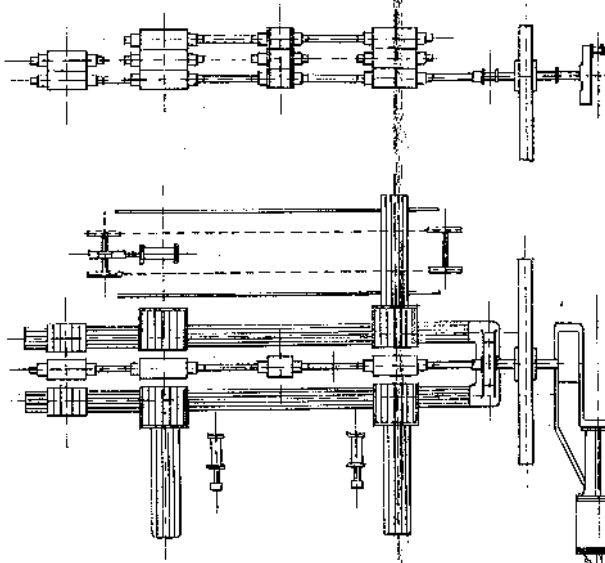
Фиг. 756.



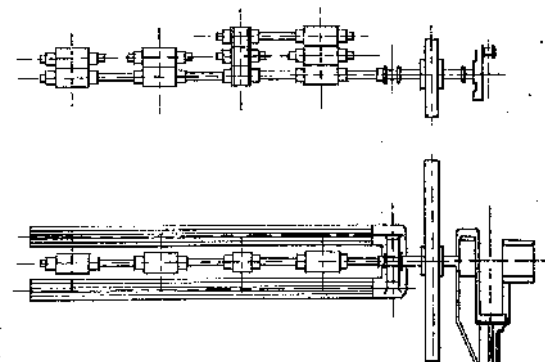
Фиг. 761.



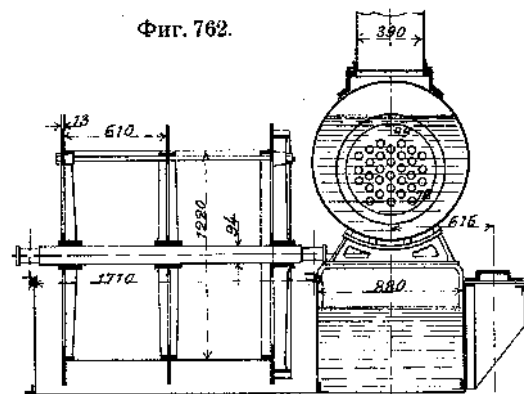
Фиг. 766.



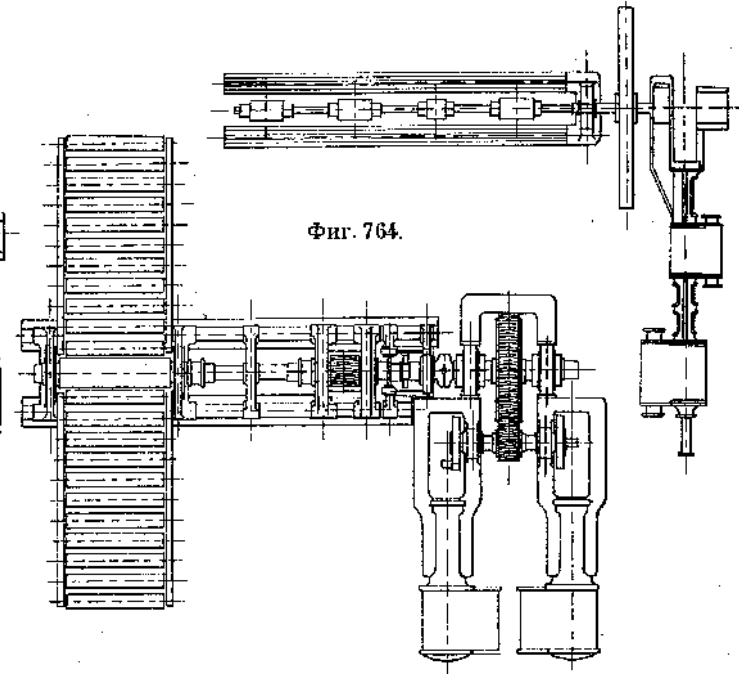
Фиг. 768.



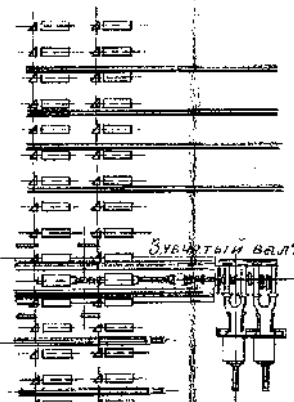
Фиг. 762.



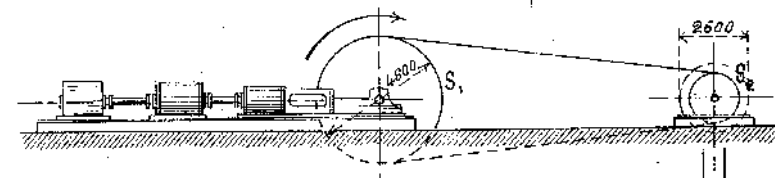
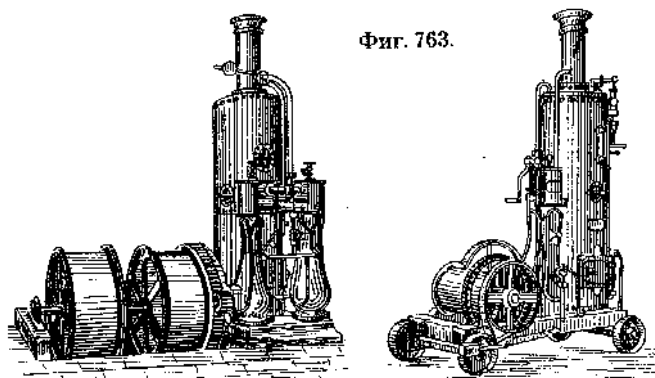
Фиг. 764.



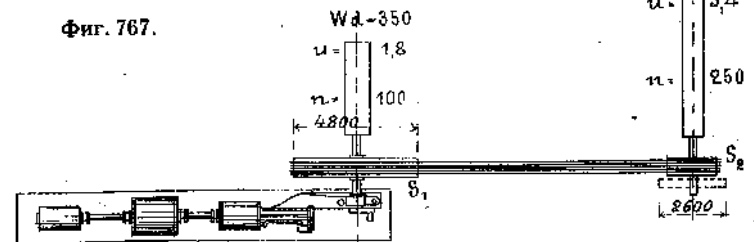
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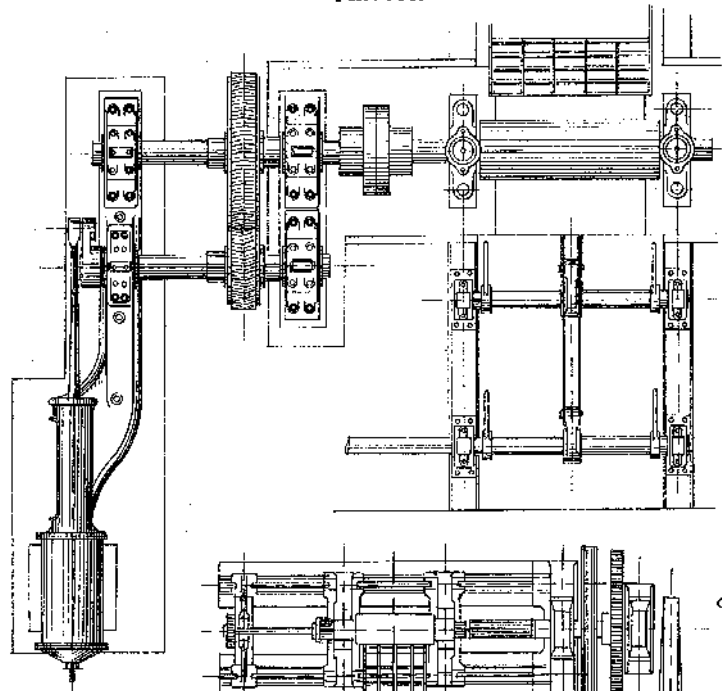
Фиг. 763.



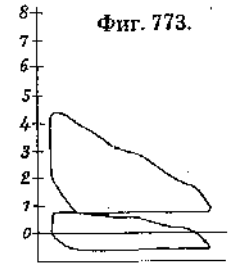
Фиг. 767.



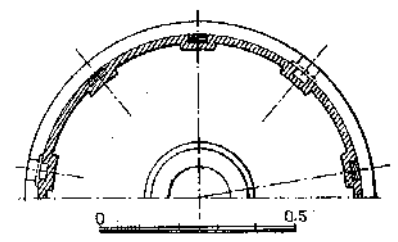
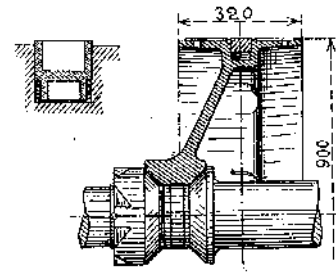
Фиг. 769.



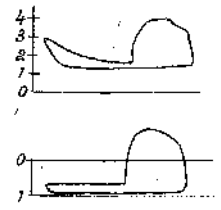
Фиг. 773.



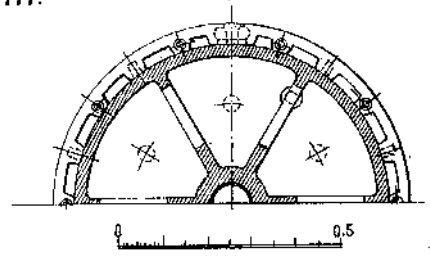
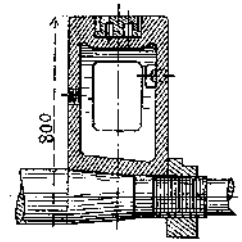
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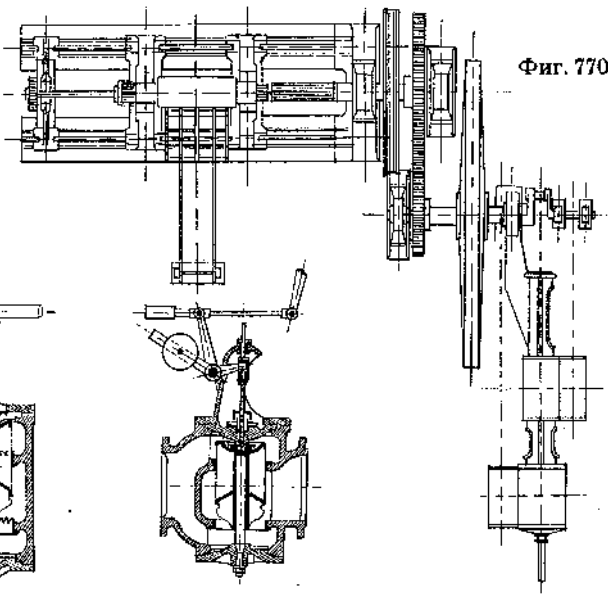
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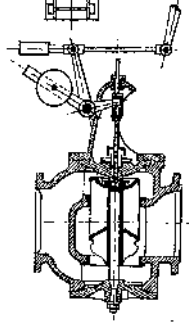
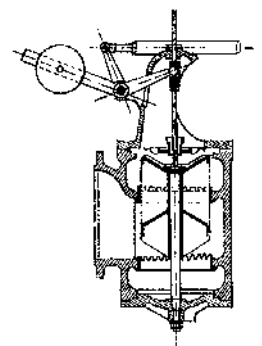
Фиг. 777.



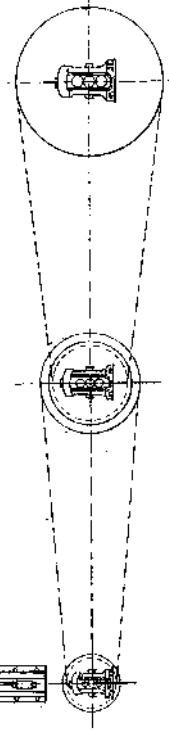
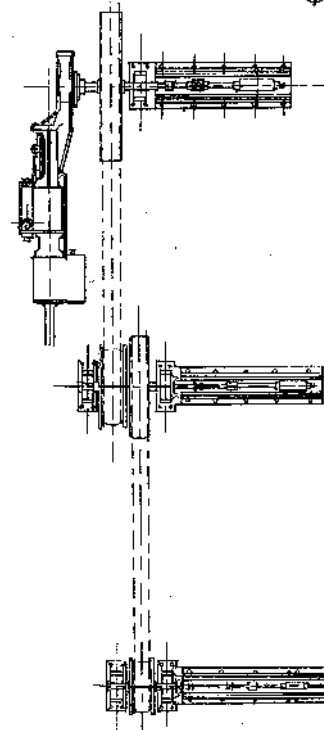
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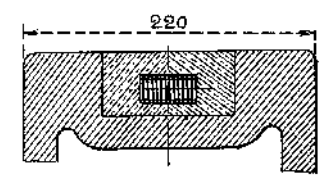
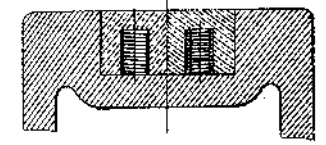
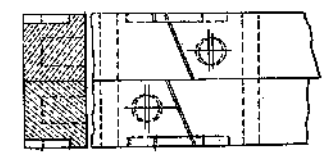
Фиг. 772.



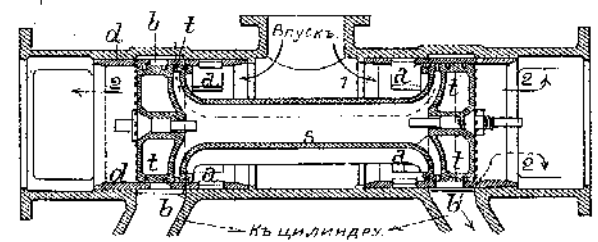
Фиг. 771.



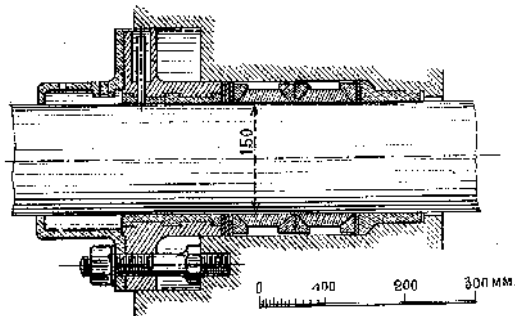
Фиг. 778.



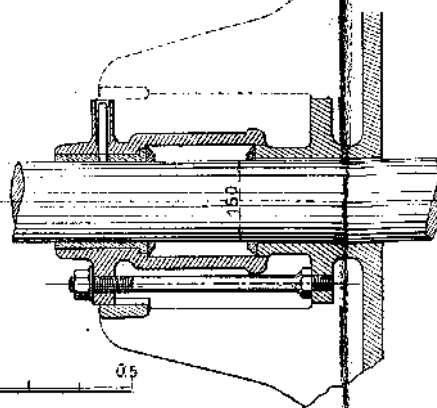
Фиг. 775.



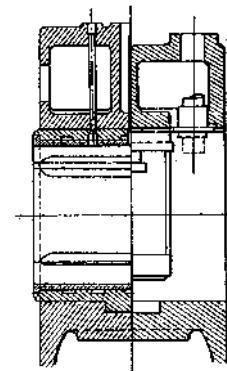
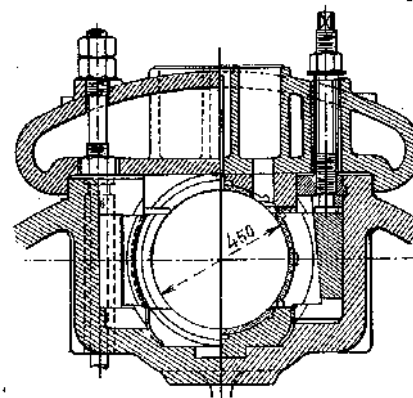
Фиг. 779.



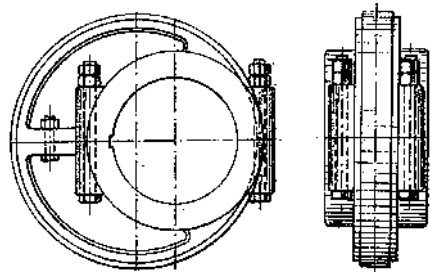
Фиг. 780.



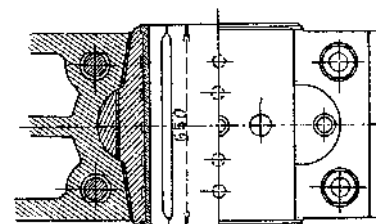
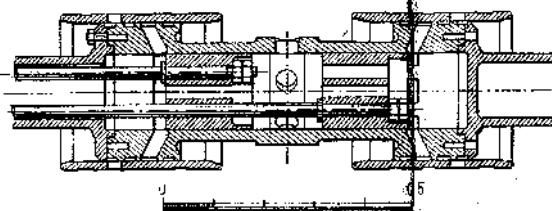
Фиг. 781.



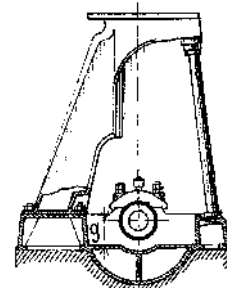
Фиг. 783.



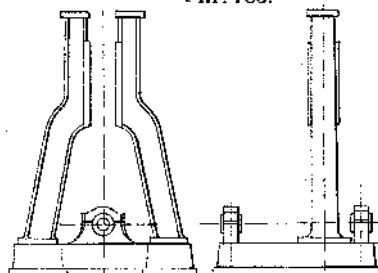
Фиг. 782.



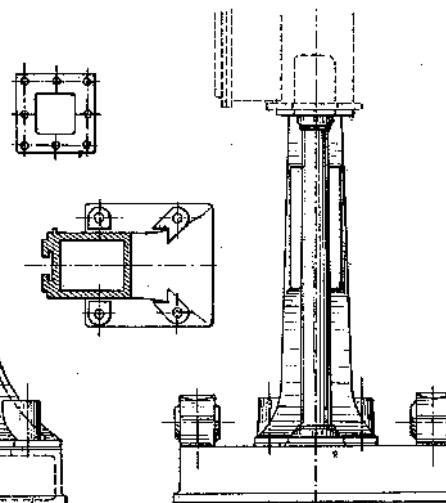
Фиг. 787.



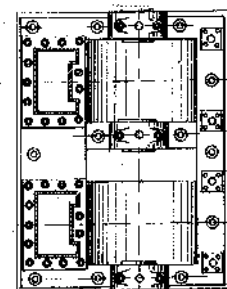
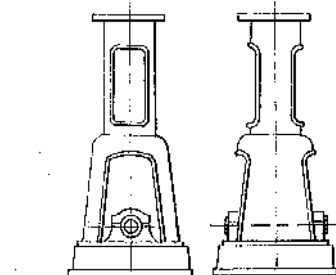
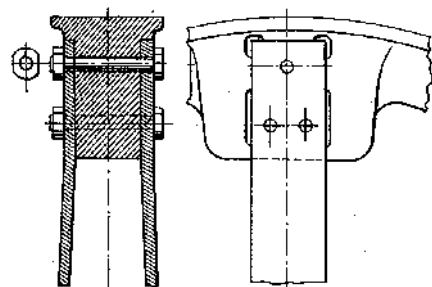
Фиг. 785.



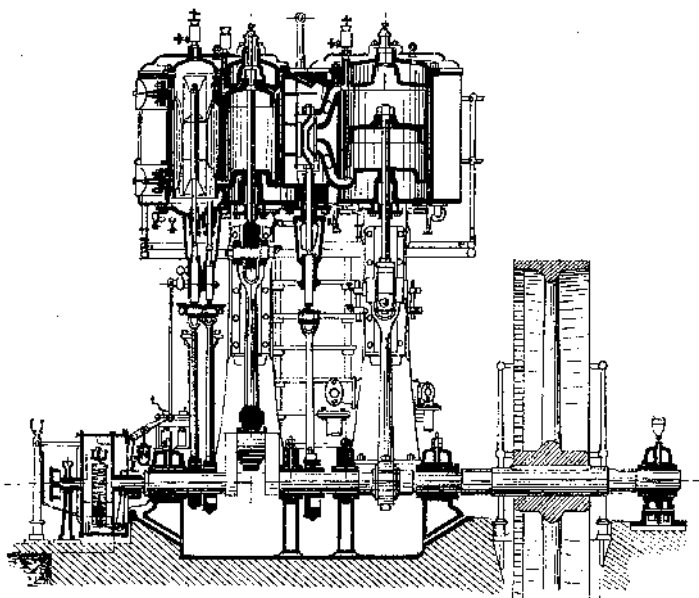
Фиг. 786.



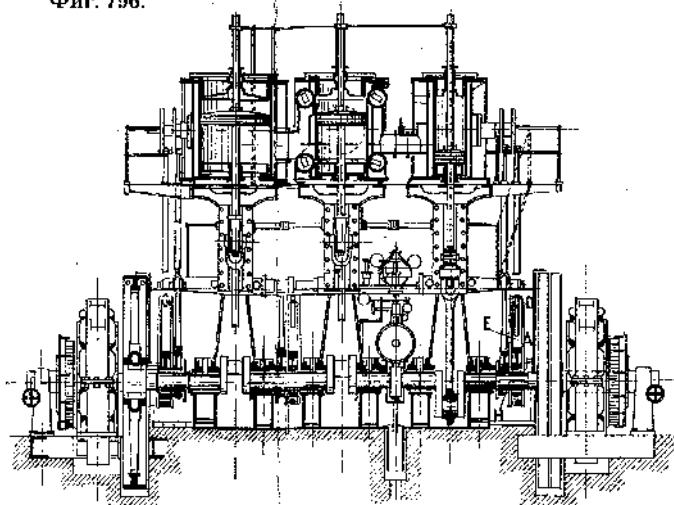
Фиг. 784.



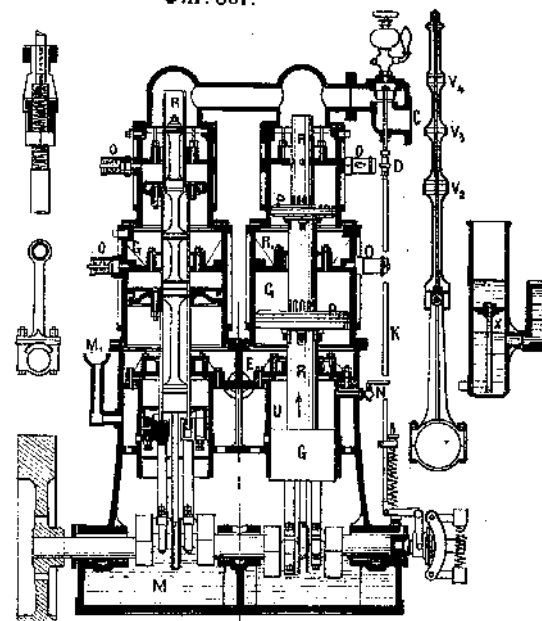
Фиг. 795.



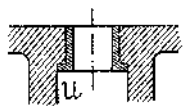
Фиг. 796.



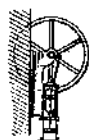
Фиг. 807.



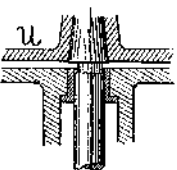
Фиг. 797.



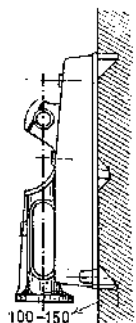
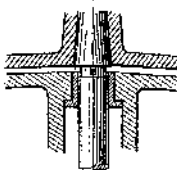
Фиг. 799.



Фиг. 798.

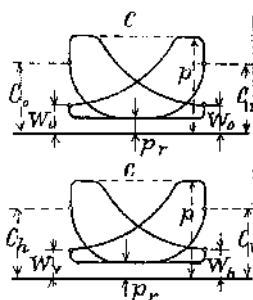


Фиг. 800.

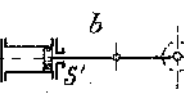
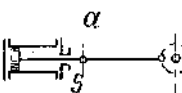


100-150

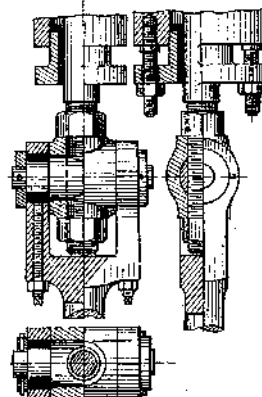
Фиг. 801.



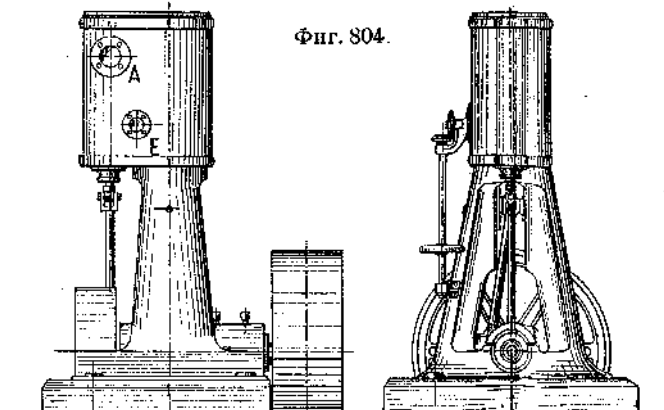
Фиг. 802.



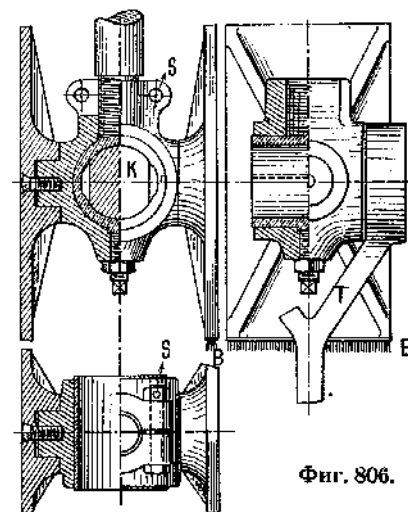
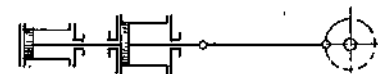
Фиг. 803.



Фиг. 804.

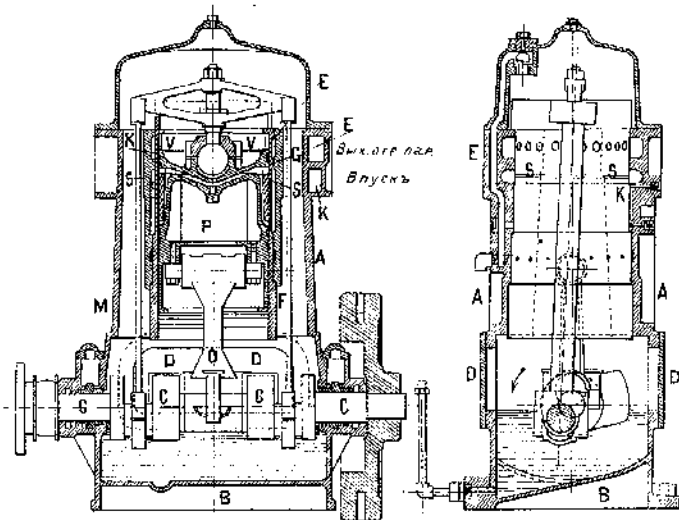


Фиг. 803.

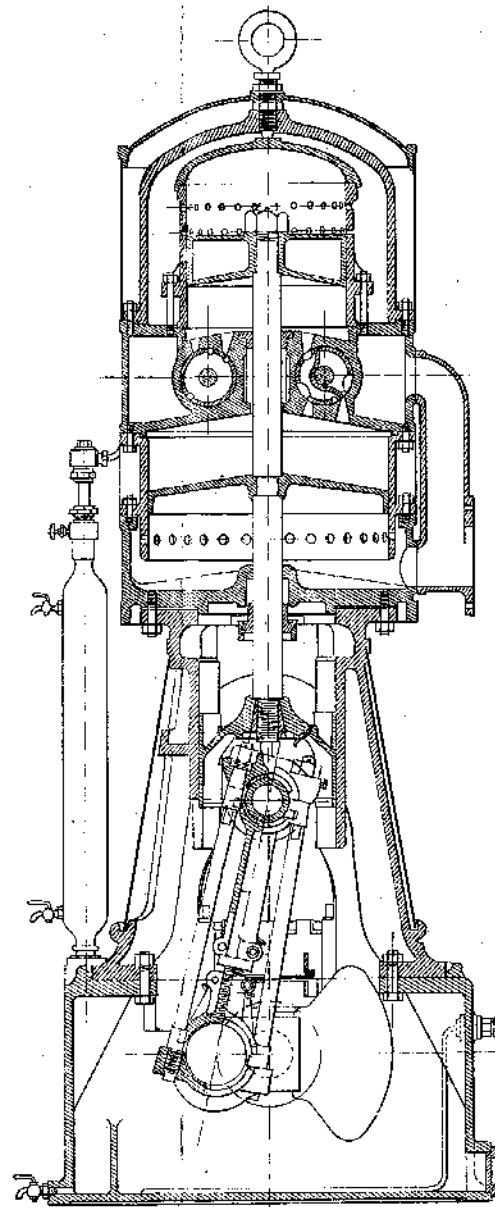


Фиг. 806.

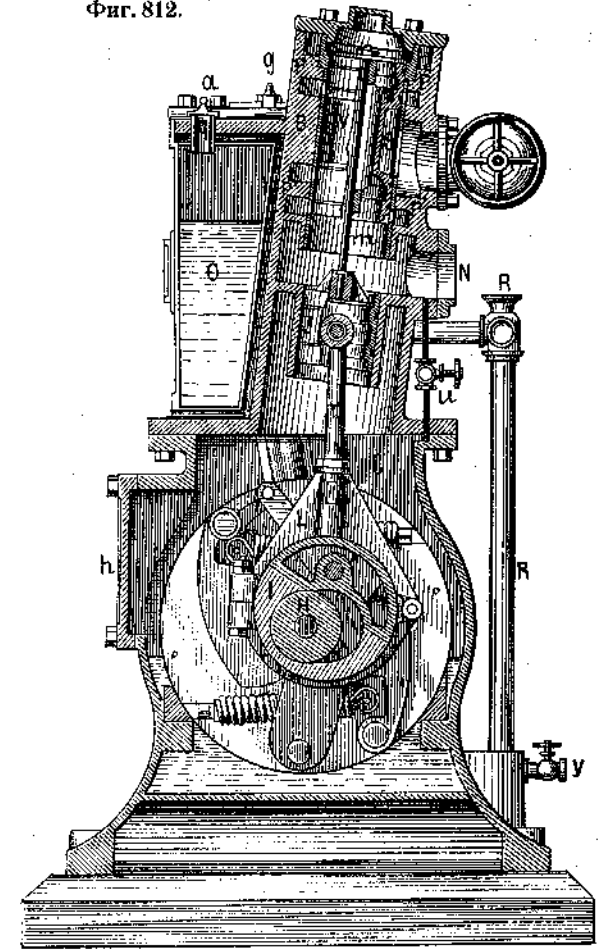
Фиг. 808.



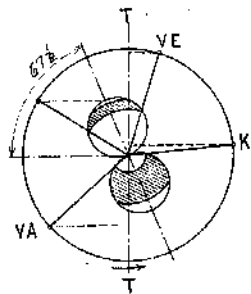
Фиг. 811.



Фиг. 812.



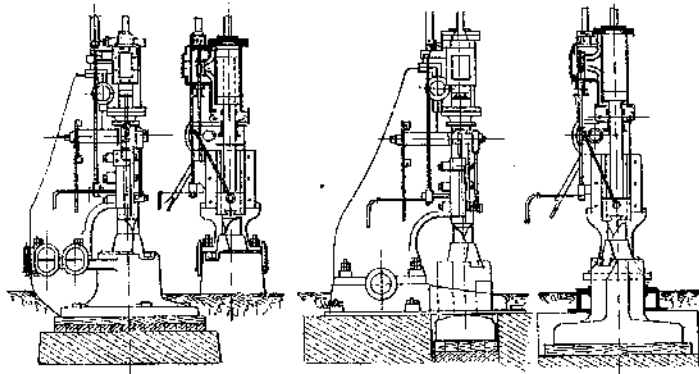
Фиг. 809.



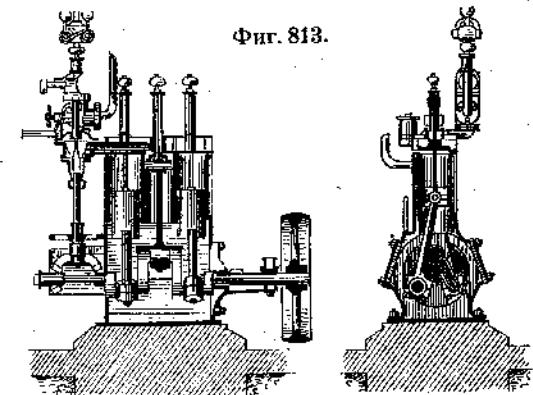
Фиг. 810.



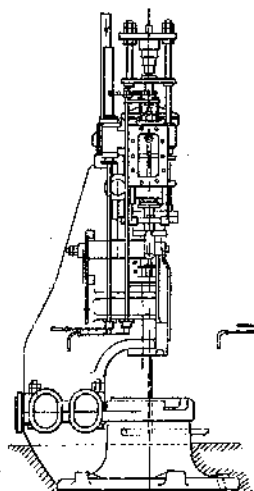
Фиг. 814



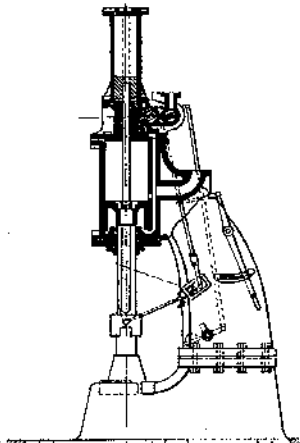
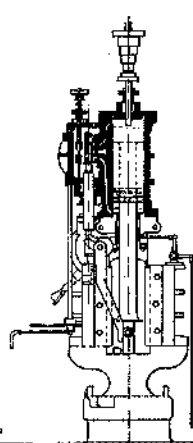
Фиг. 813.



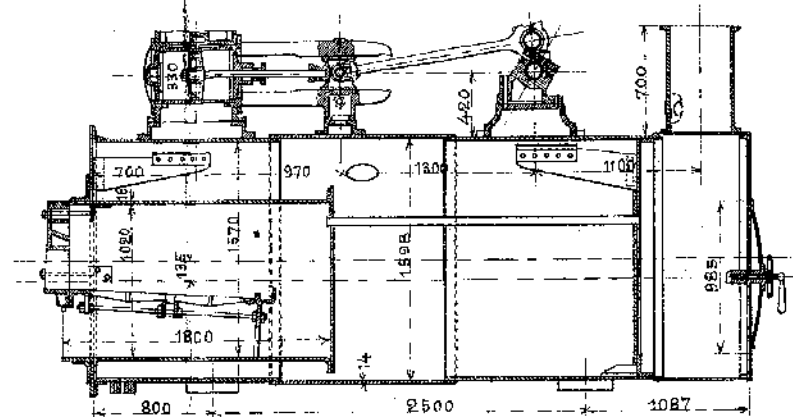
Фиг. 815.



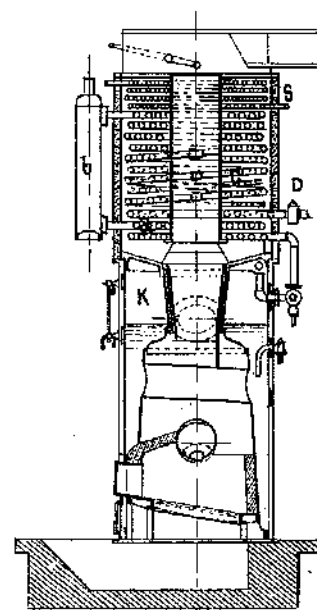
Фиг. 816.



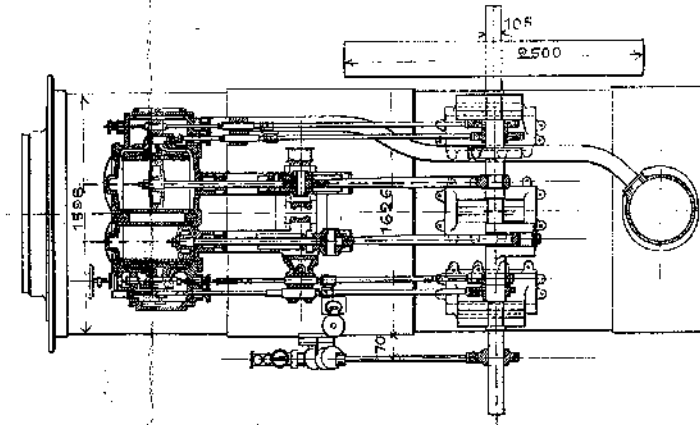
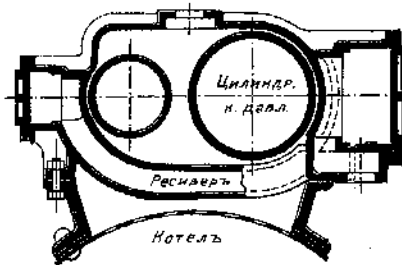
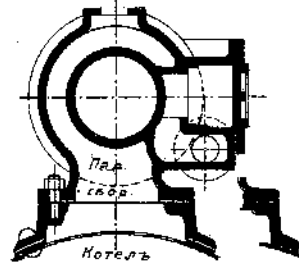
Фиг. 820.



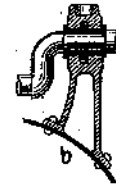
Фиг. 821.



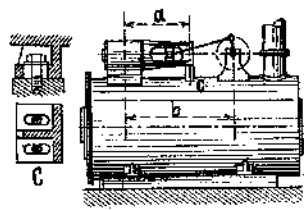
Фиг. 817.



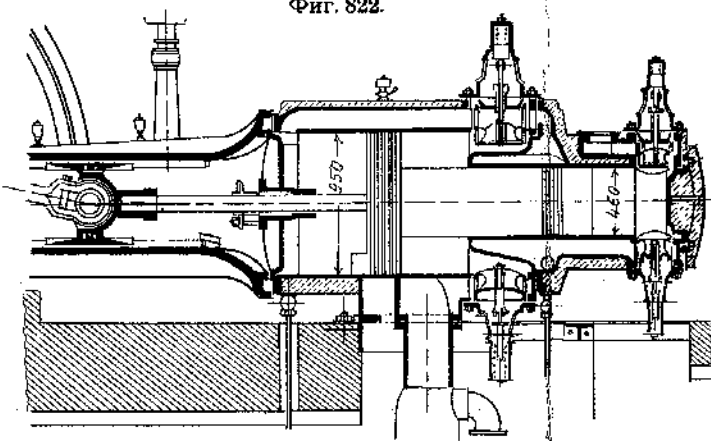
Фиг. 818.



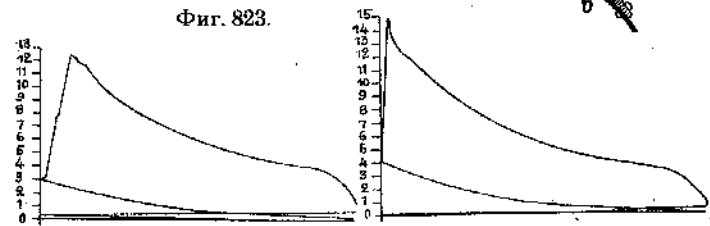
Фиг. 819.



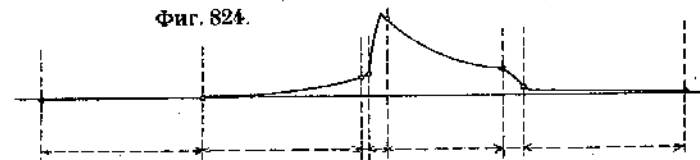
Фиг. 822.



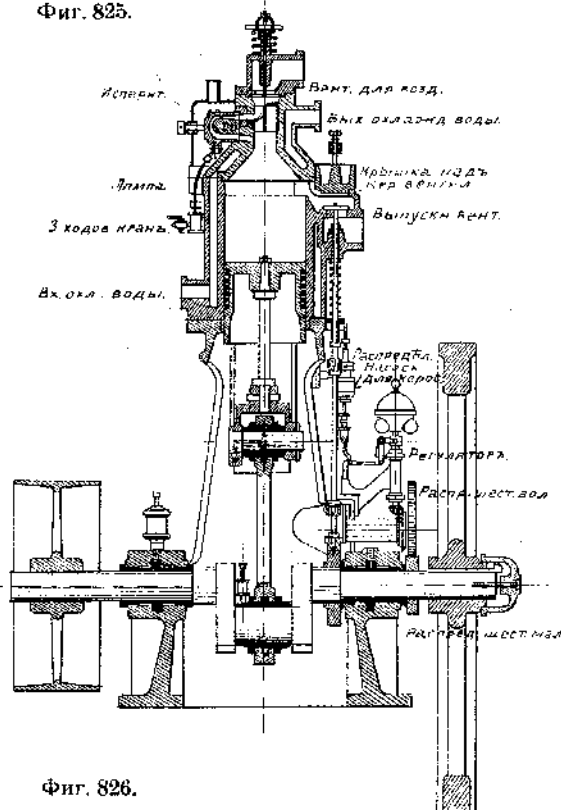
Фиг. 823.



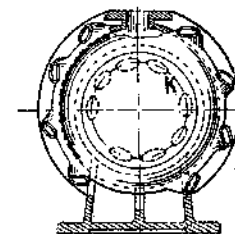
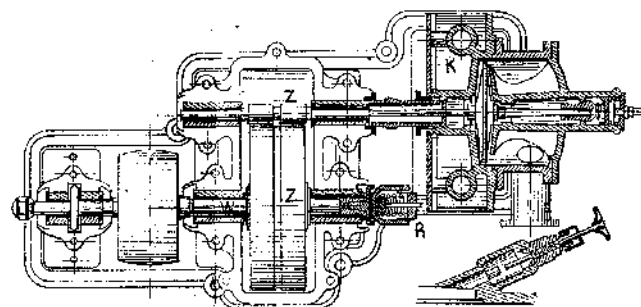
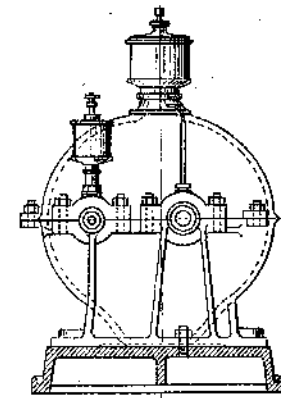
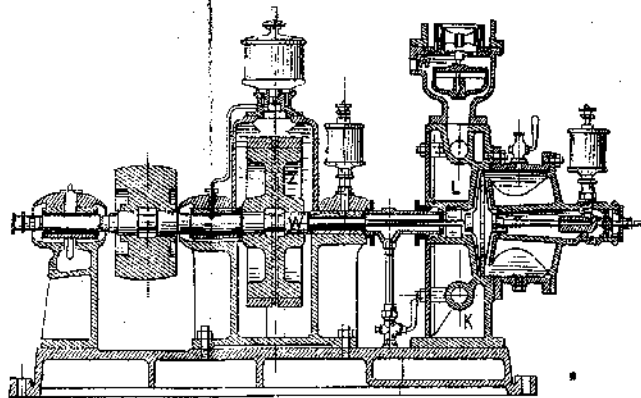
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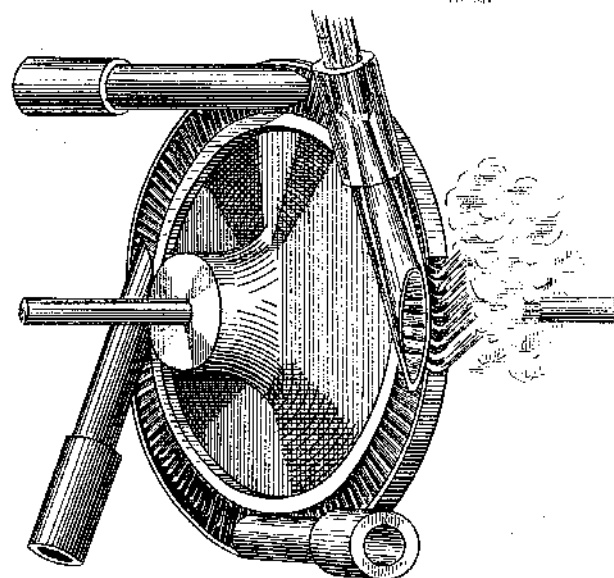
Фиг. 825.



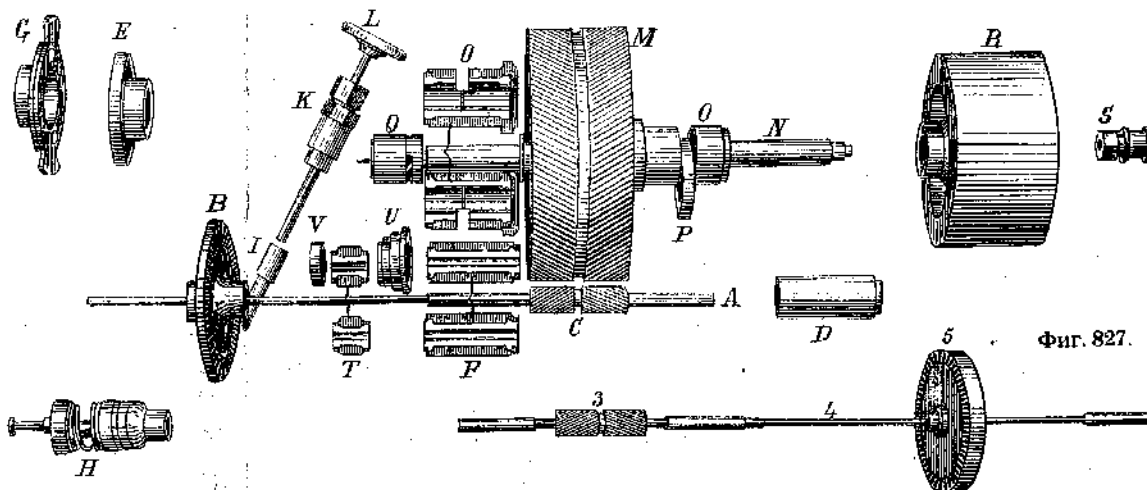
Фиг. 828.



Фиг. 826.

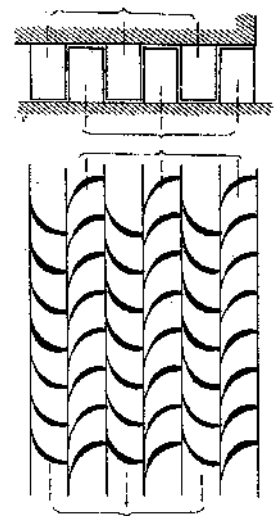
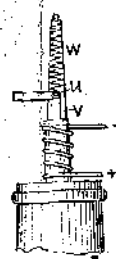
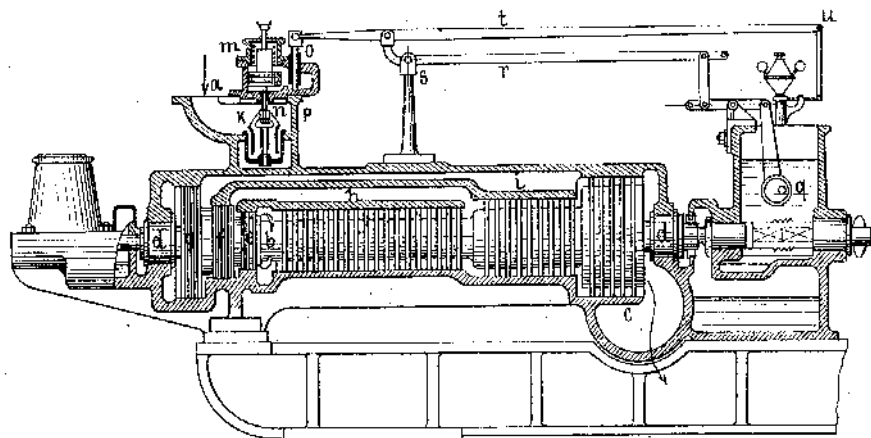


Фиг. 829.

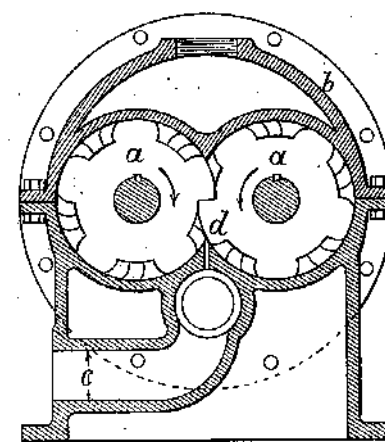


Фиг. 827.

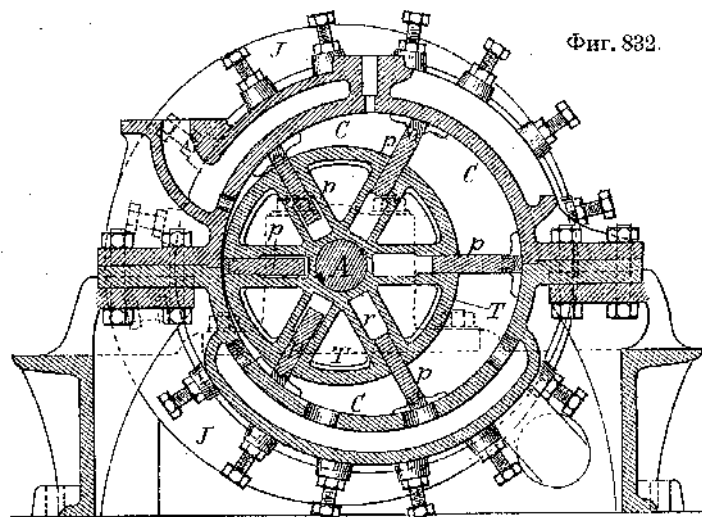
Фиг. 830.



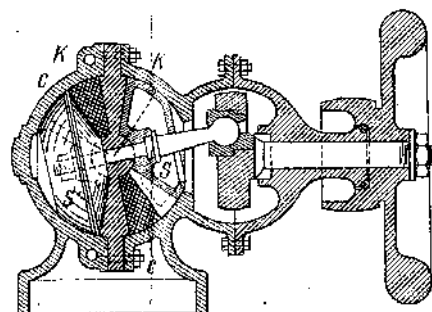
Фиг. 831.



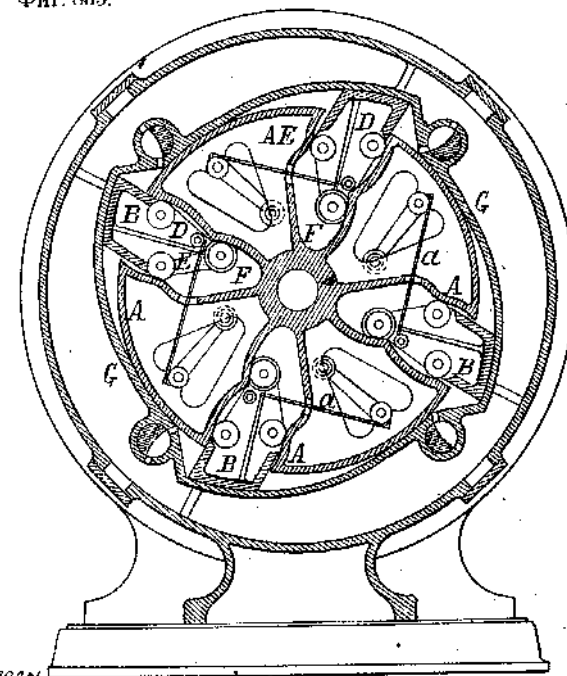
Фиг. 832.



Фиг. 833.

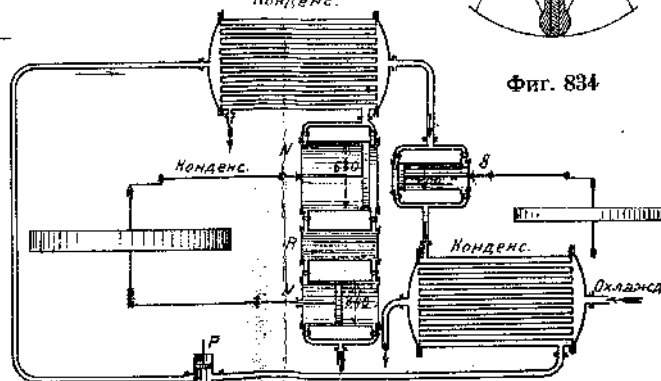


Фиг. 835.

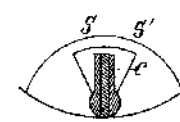


Фиг. 838.

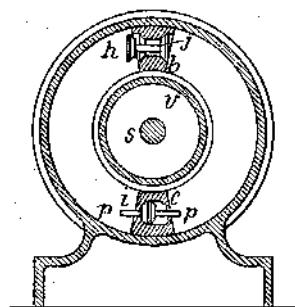
Конденс.



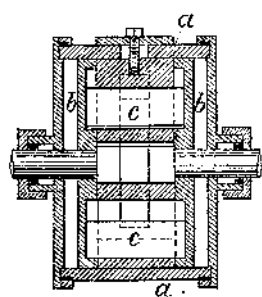
Фиг. 834.



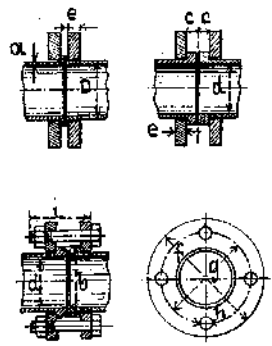
Фиг. 836.



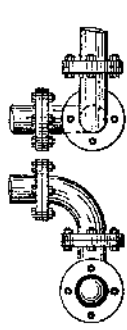
Фиг. 837.



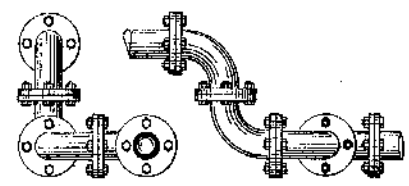
Фиг. 839.



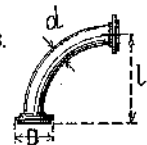
Фиг. 840.



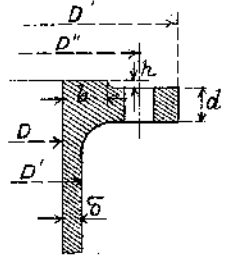
Фиг. 841.



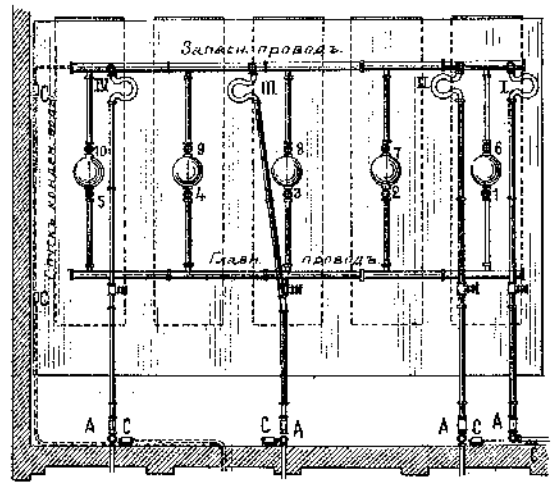
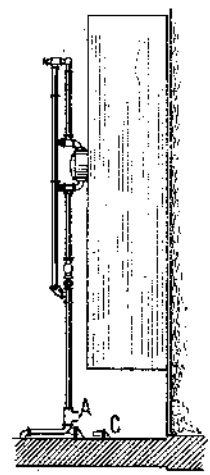
Фиг. 843.



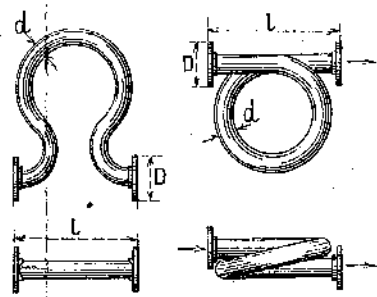
Фиг. 845.



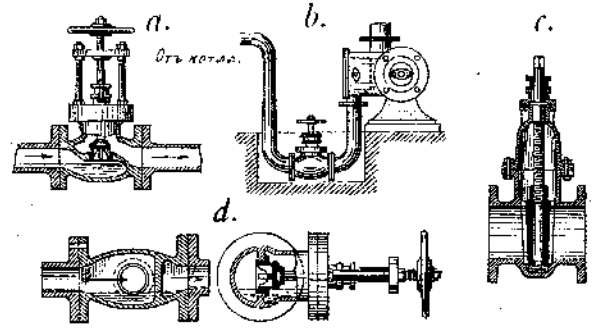
Фиг. 848.



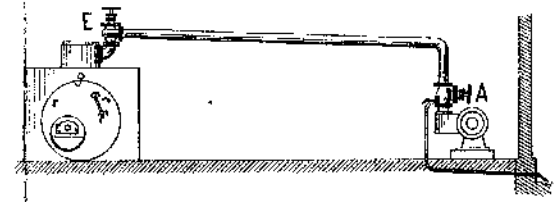
Фиг. 842.



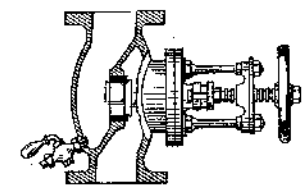
Фиг. 844.



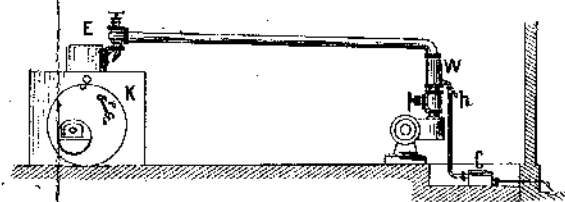
Фиг. 846.



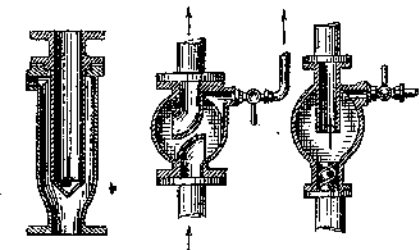
Фиг. 847.



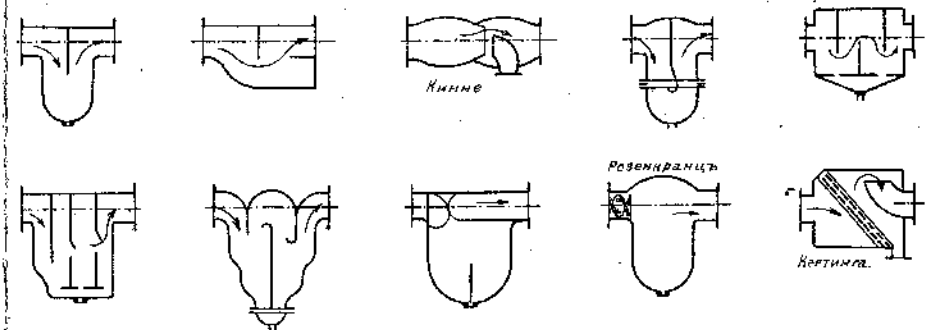
Фиг. 851.



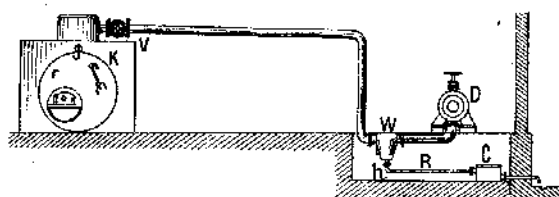
Фиг. 849.



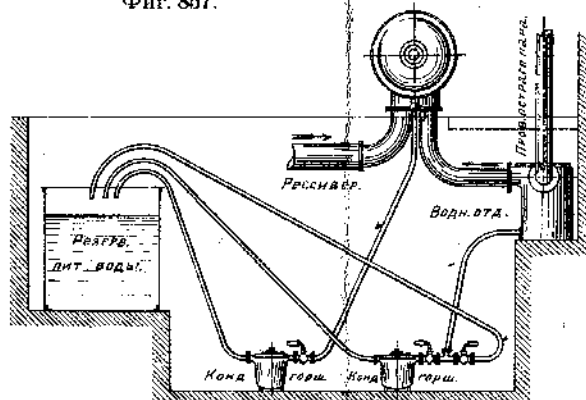
Фиг. 850.



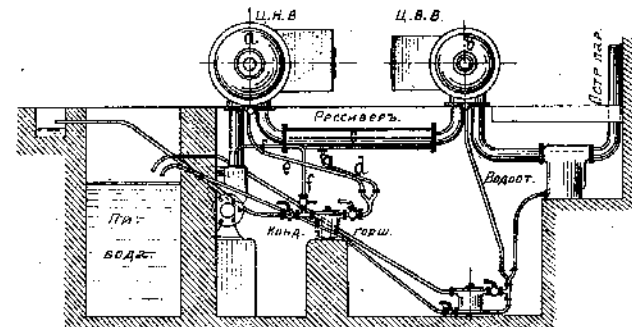
Фиг. 852.



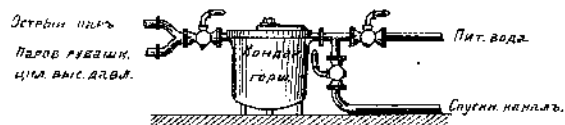
Фиг. 857.



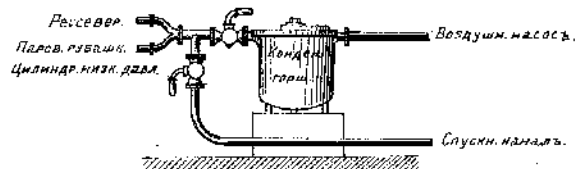
Фиг. 858.



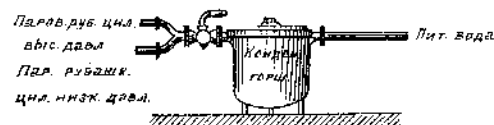
Фиг. 853.



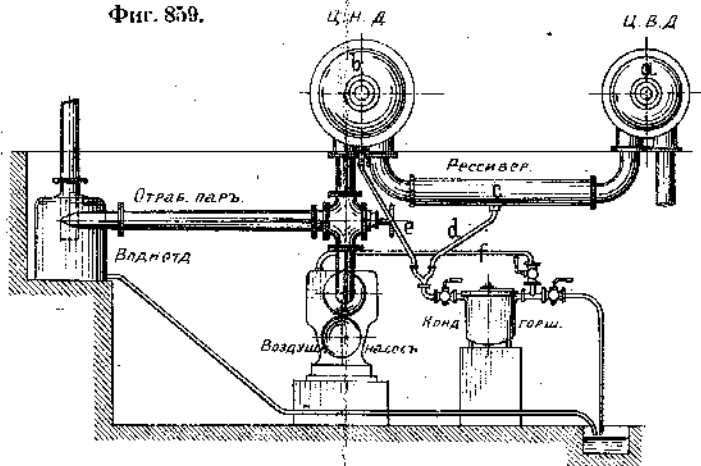
Фиг. 854.



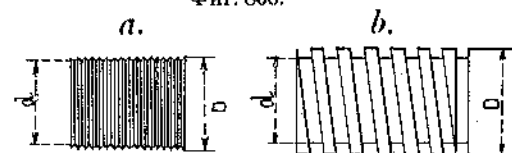
Фиг. 855.



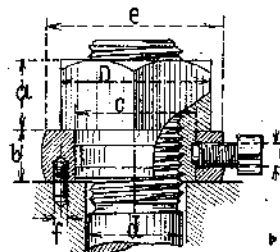
Фиг. 859.



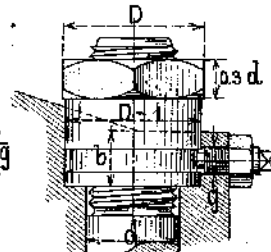
Фиг. 860.



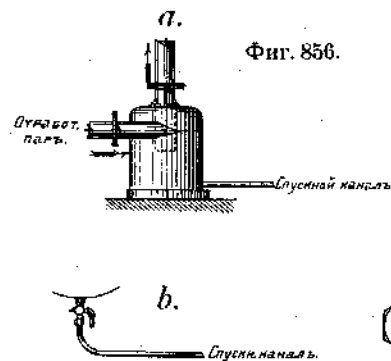
Фиг. 861.



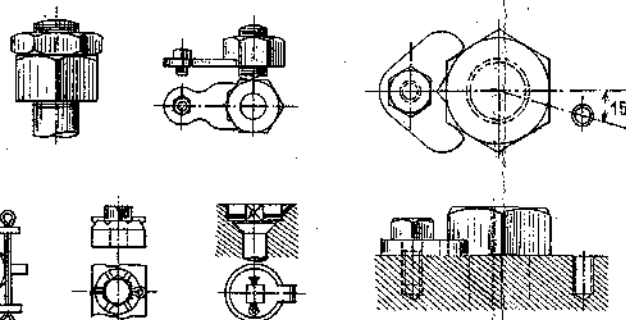
Фиг. 862.



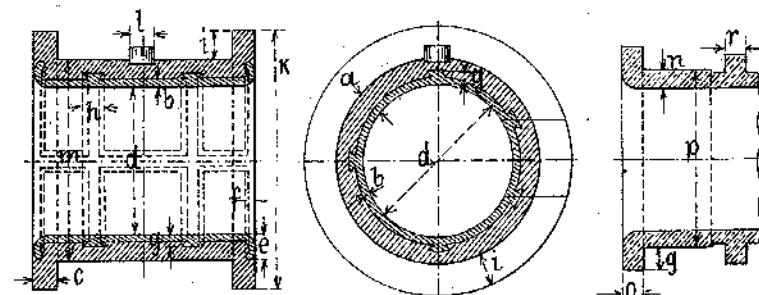
Фиг. 856.



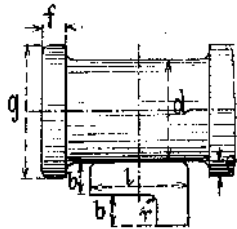
Фиг. 863.



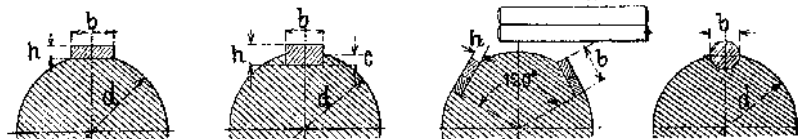
Фиг. 864.



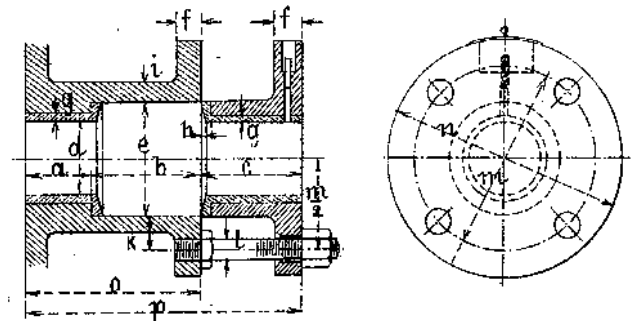
Фиг. 865.



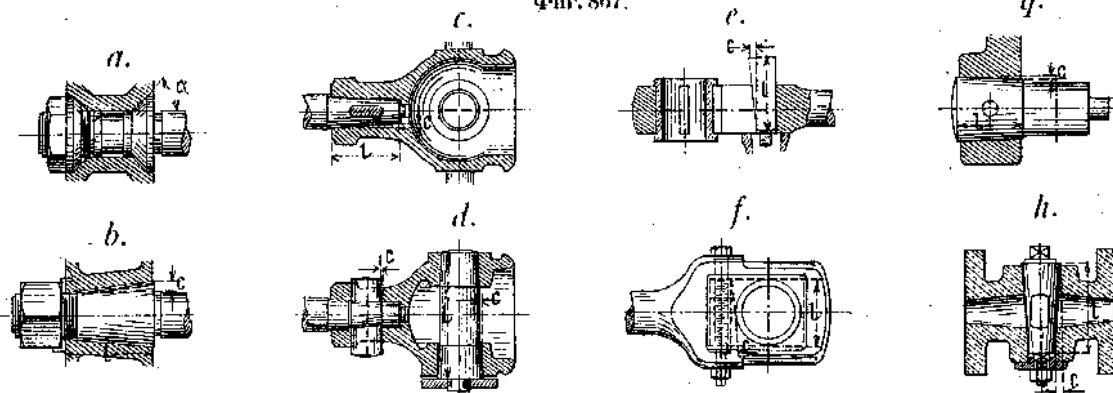
Фиг. 866.



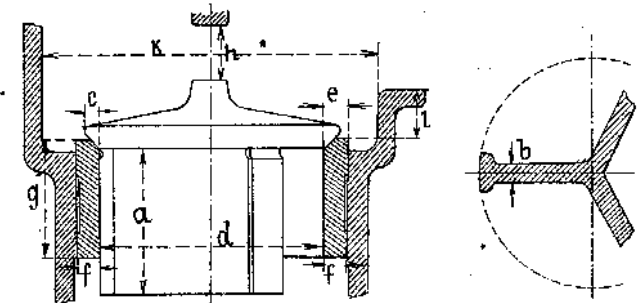
Фиг. 868.



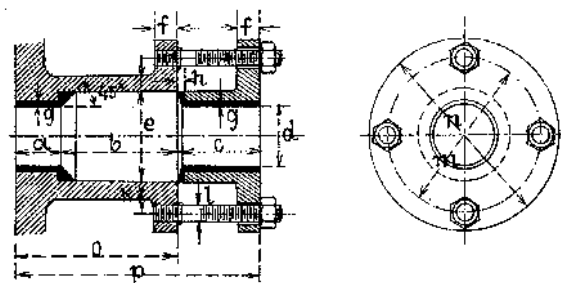
Фиг. 867.



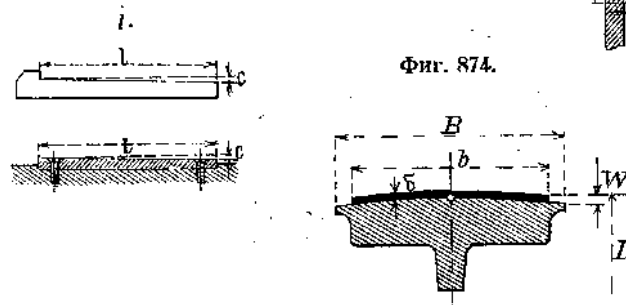
Фиг. 869.



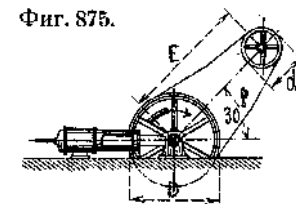
Фиг. 870.



Фиг. 874.

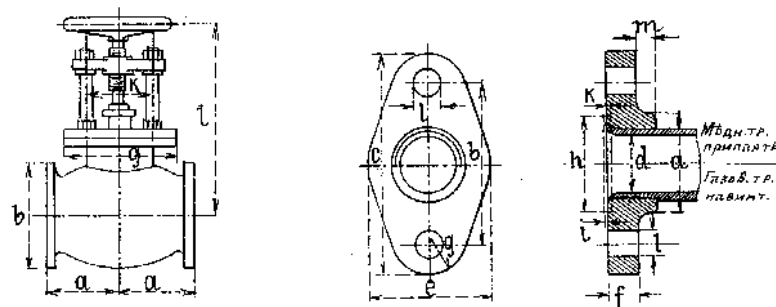


Фиг. 875.



Фиг. 871.

Фиг. 872.



Фиг. 873.

