

92 14
leg. 10.
1560

CURSO DE MÁQUINAS DE VAPOR,

QUE COMPRENDE

LA DESCRIPCION, EL MANEJO Y EL ENTRETENIMIENTO DE LOS PRINCIPALES TIPOS DE CALDERAS,
MÁQUINAS Y PROPULSORES, USADOS EN LA NAVEGACION DE VAPOR;

POR

DON GUSTAVO FERNANDEZ Y RODRIGUEZ,

JEFE DE 2.^a CLASE DEL CUERPO DE INGENIEROS DE LA ARMADA
Y PROFESOR DE LA ESCUELA NAVAL FLOTANTE.

ATLAS.

MADRID:

IMPRENTA DE FORTANET,
CALLE DE LA LIBERTAD, 29.

1879.

QUESTO

LIBRO DI RICORDO

ITALIA

92.

UVA. BHSC. LEG 20-1 n°1560

CURSO
DE
MÁQUINAS DE VAPOR.
ATLAS.



HTCA
U/Bc LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560 0 9 3 8

ATLAS
DE
MAGNÉTAS DE VAPOR
CURSO



УВА. ВНС. ЛЕГ 20-1 №1560

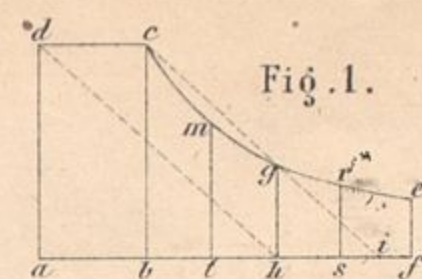


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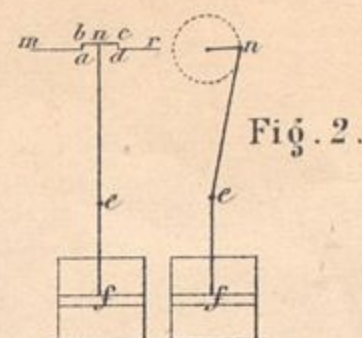


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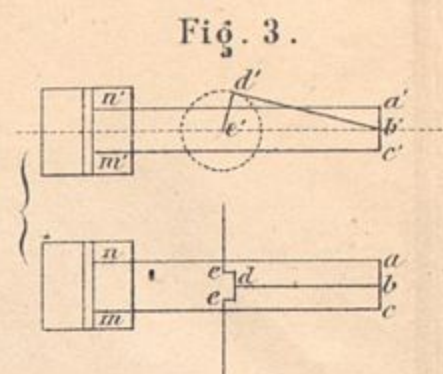


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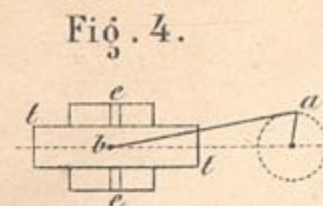


Fig. 4.



Fig. 5.

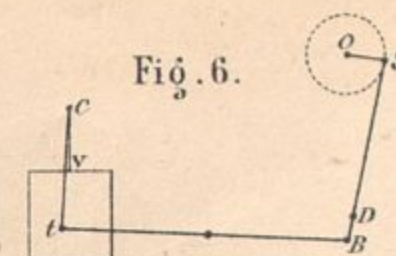


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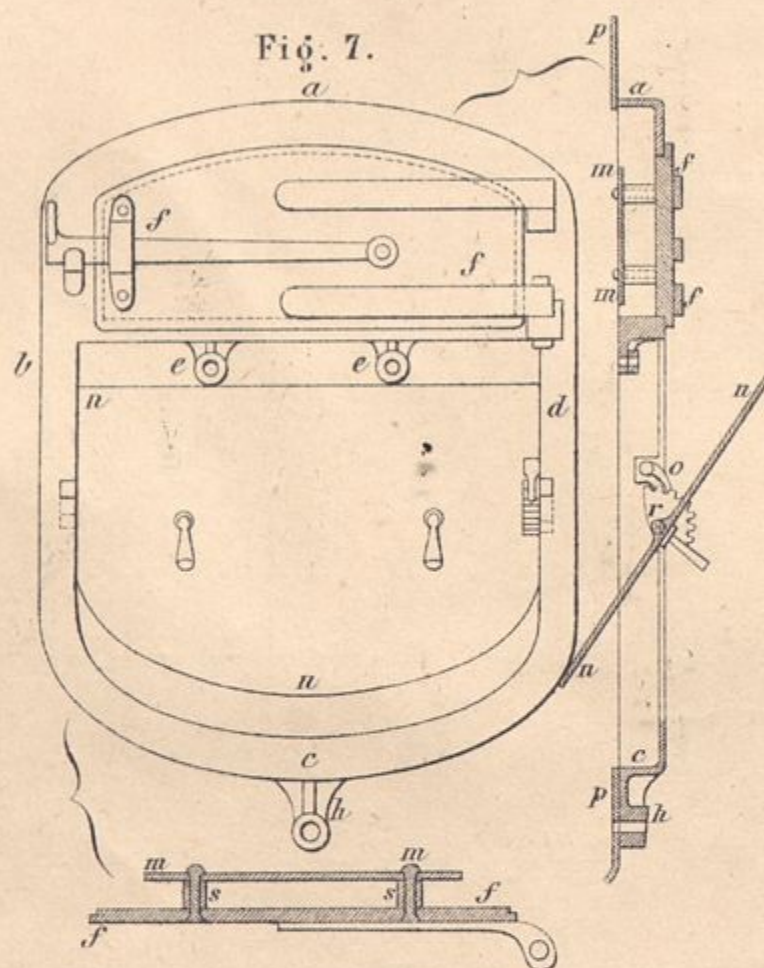


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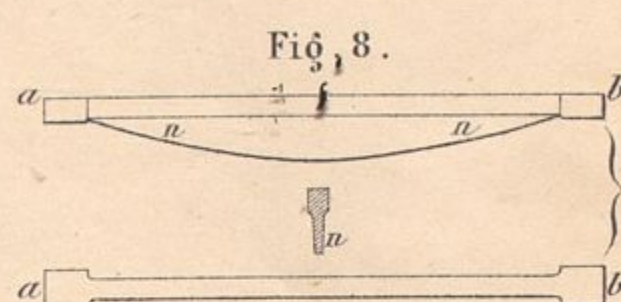


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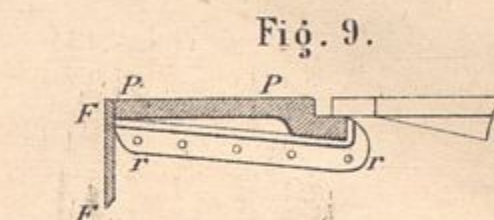


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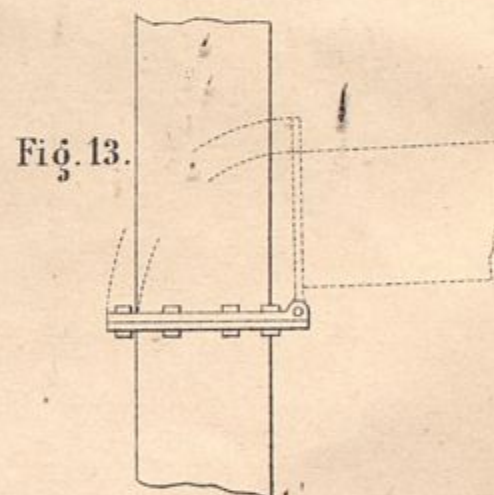


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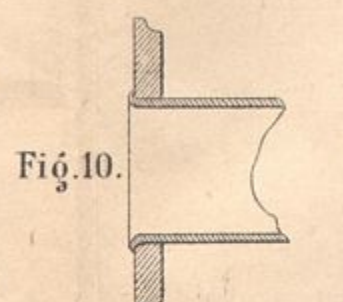


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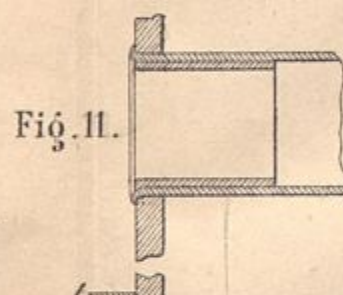


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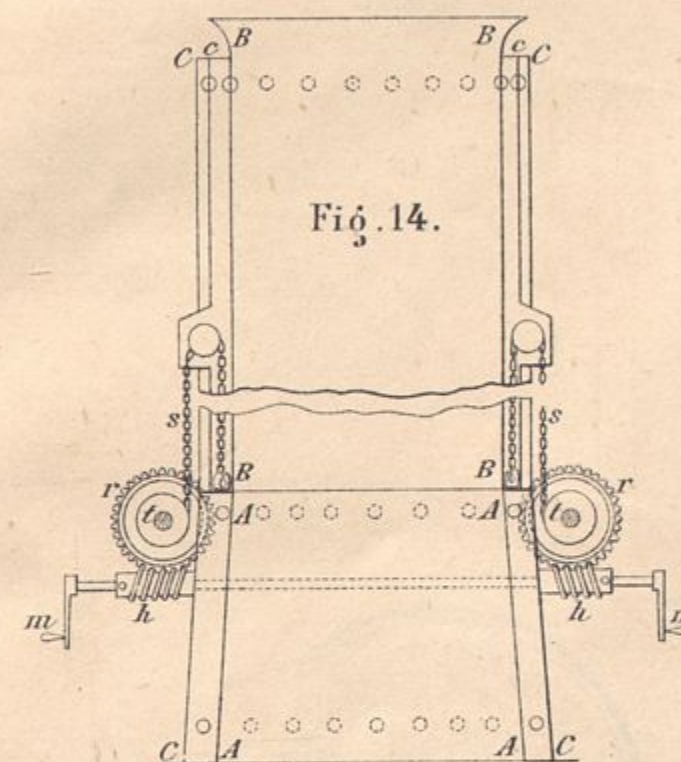


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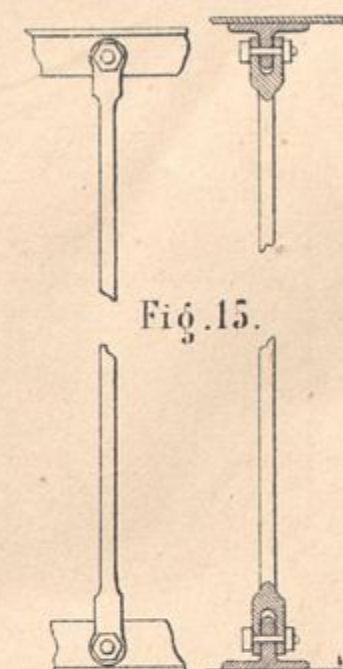


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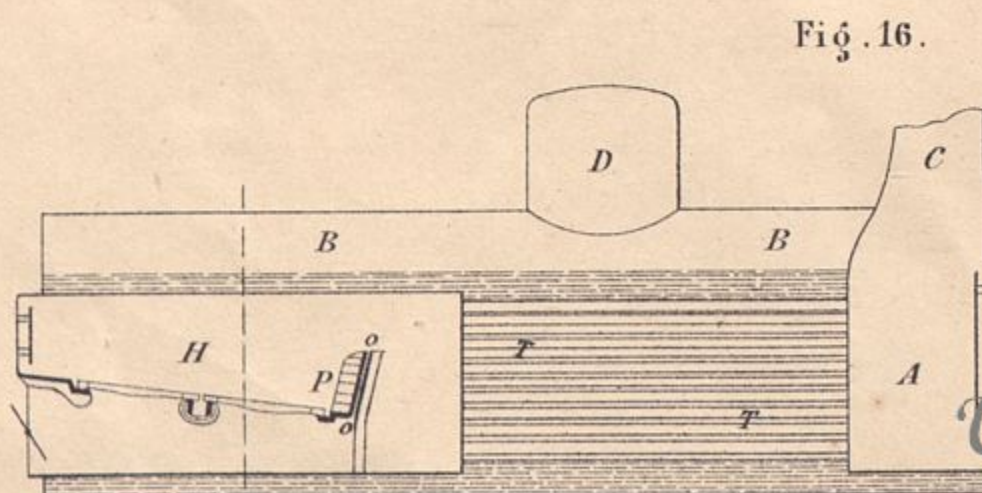


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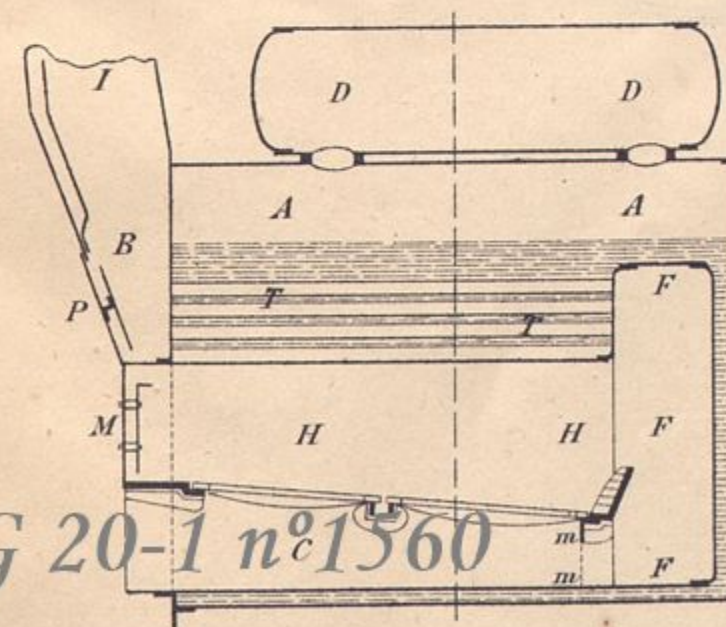
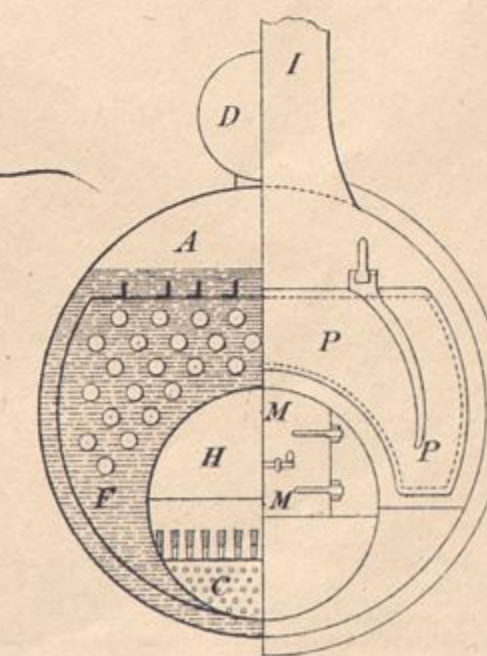


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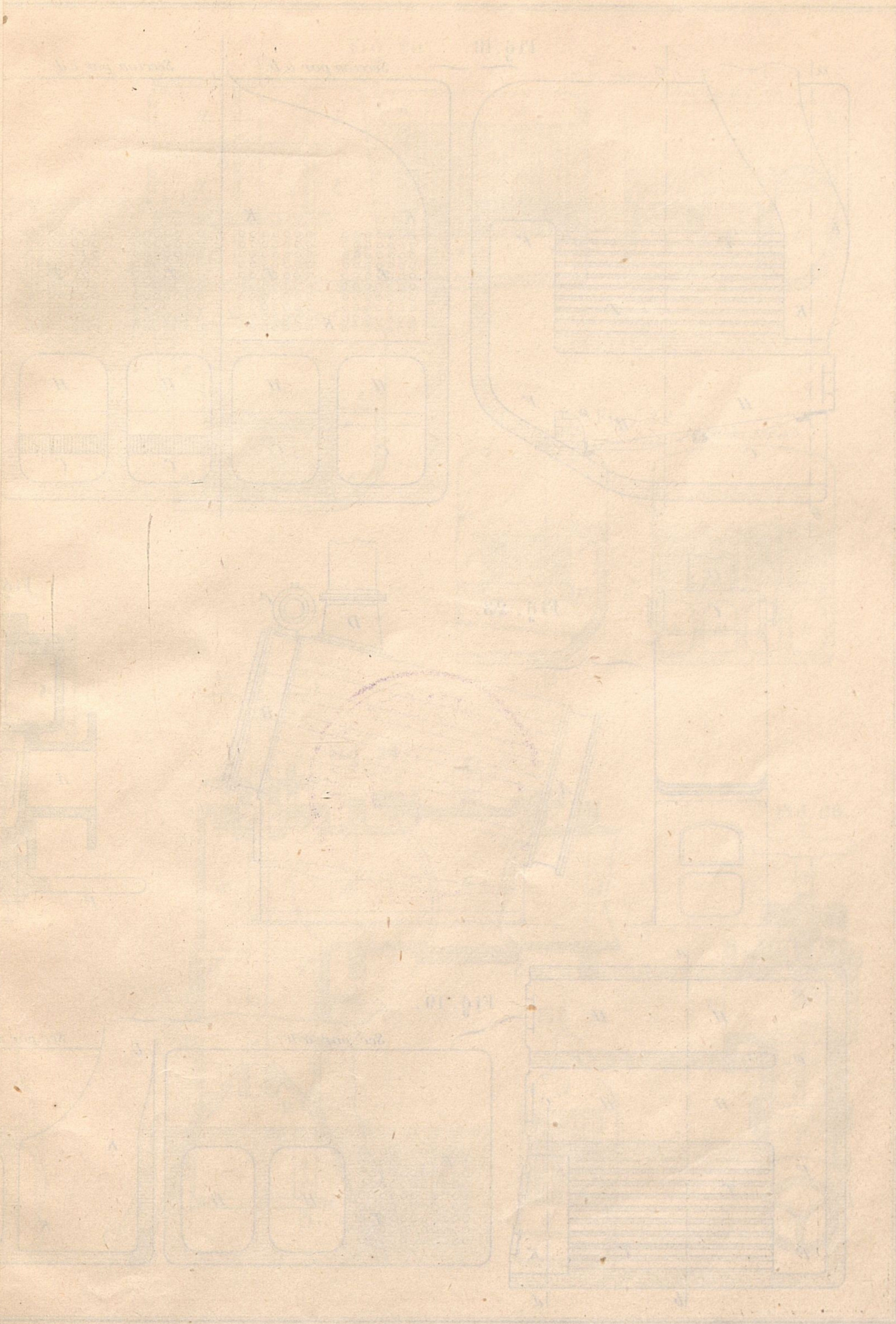
UVA. BHSC LEG 20-1 n°1560



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UVA. BHSC. LEG 20-1 n°1560

UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

Fig. 18.

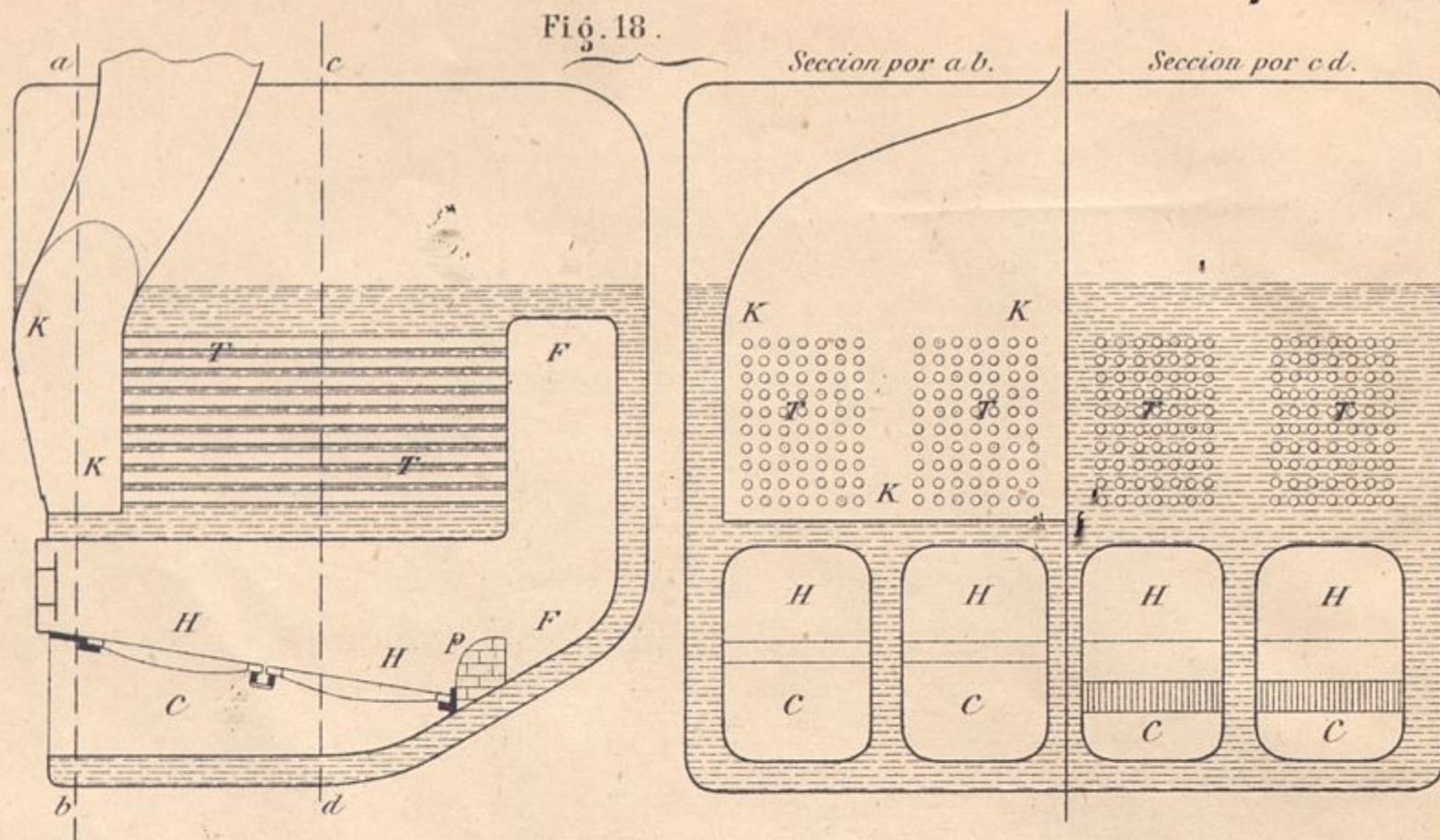


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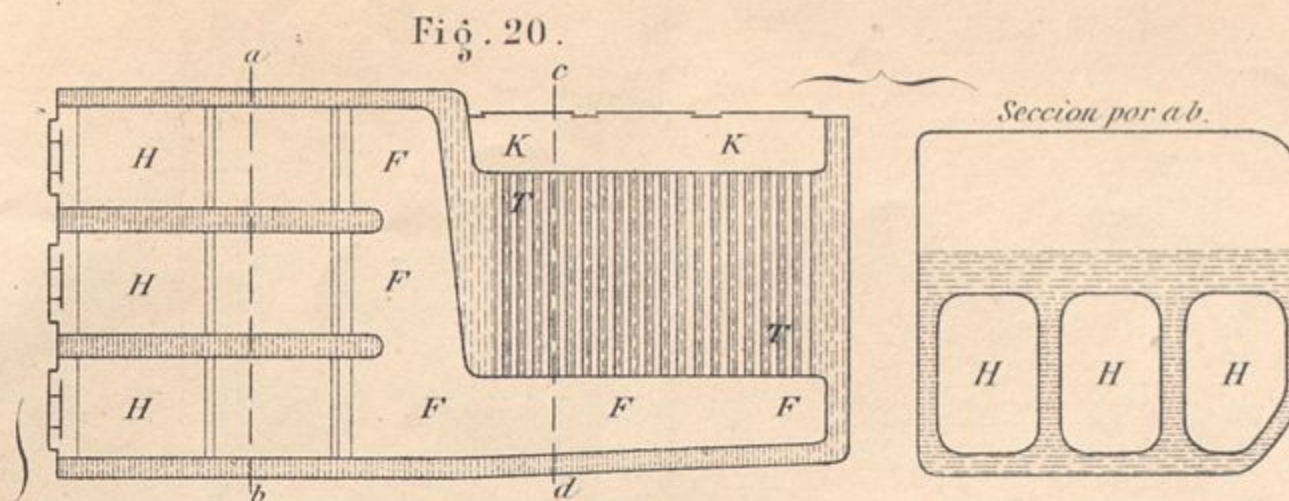


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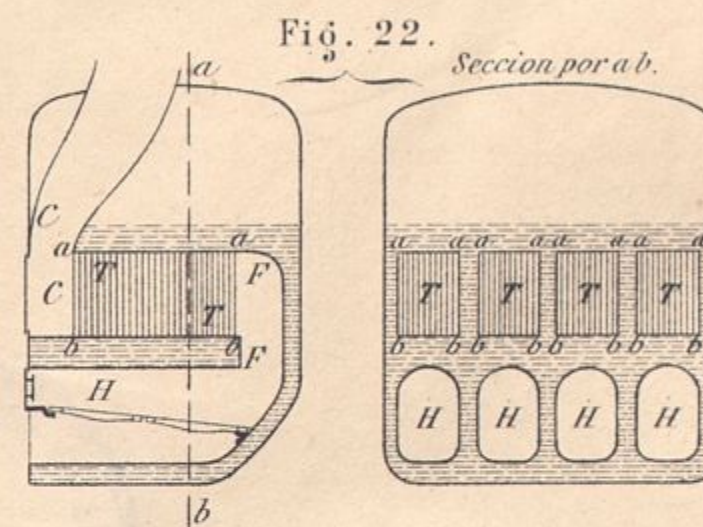


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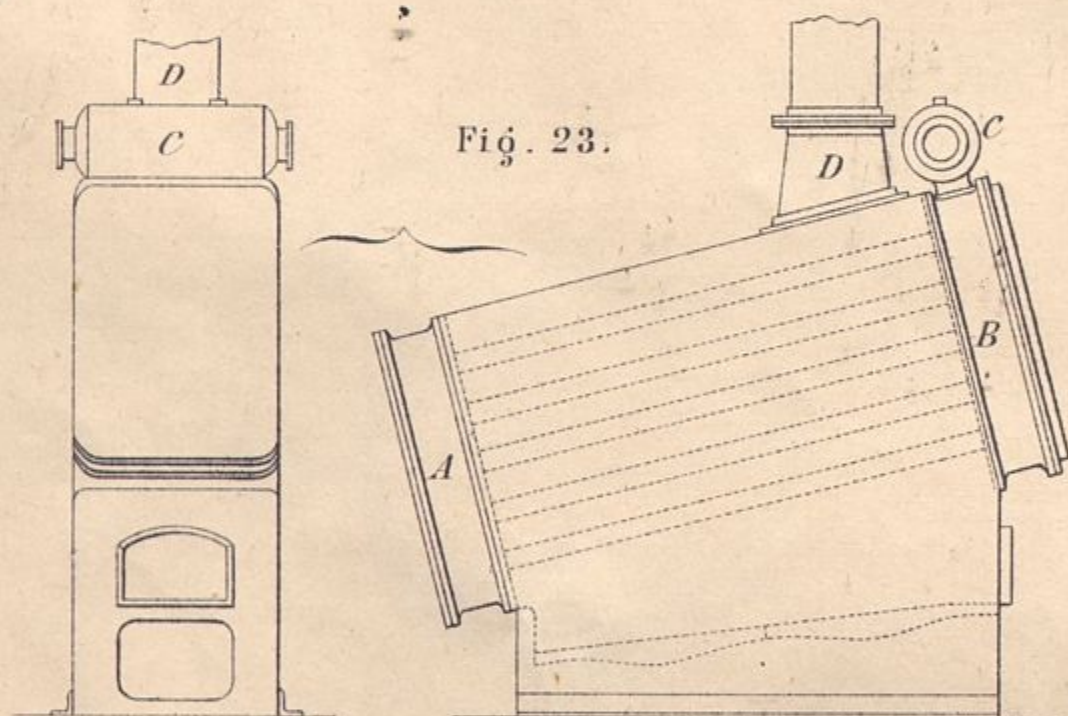


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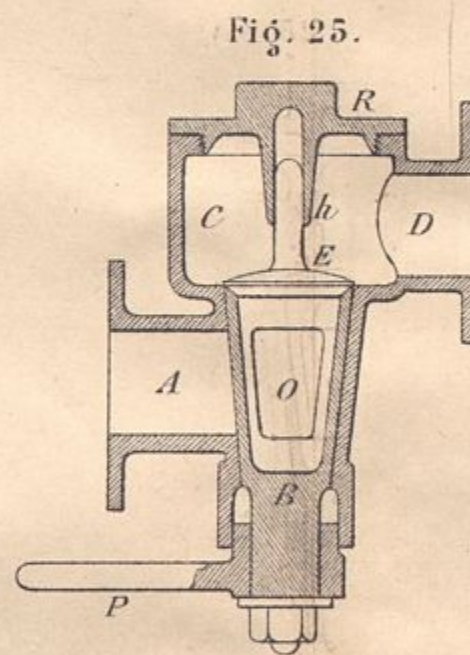


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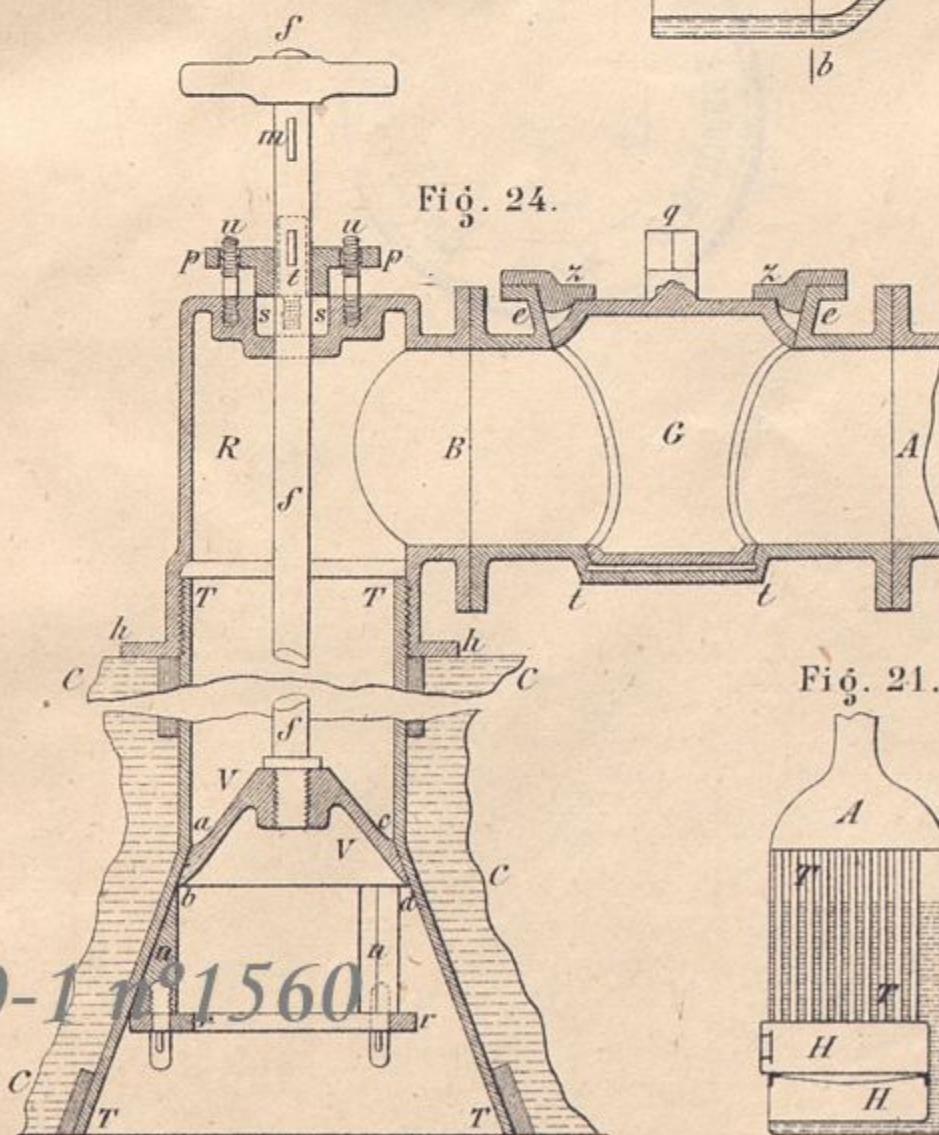


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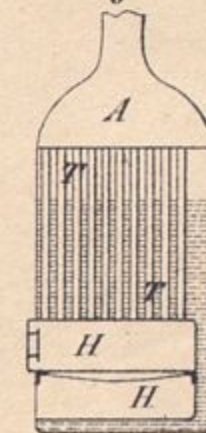


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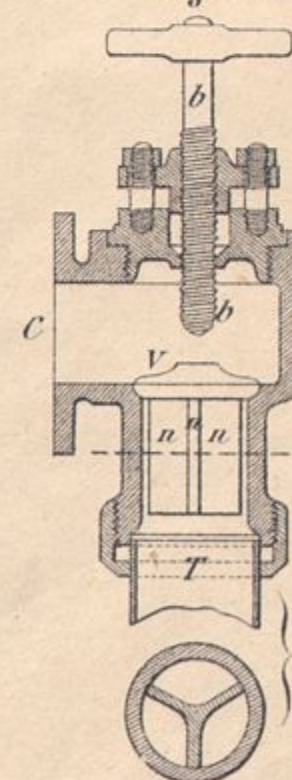
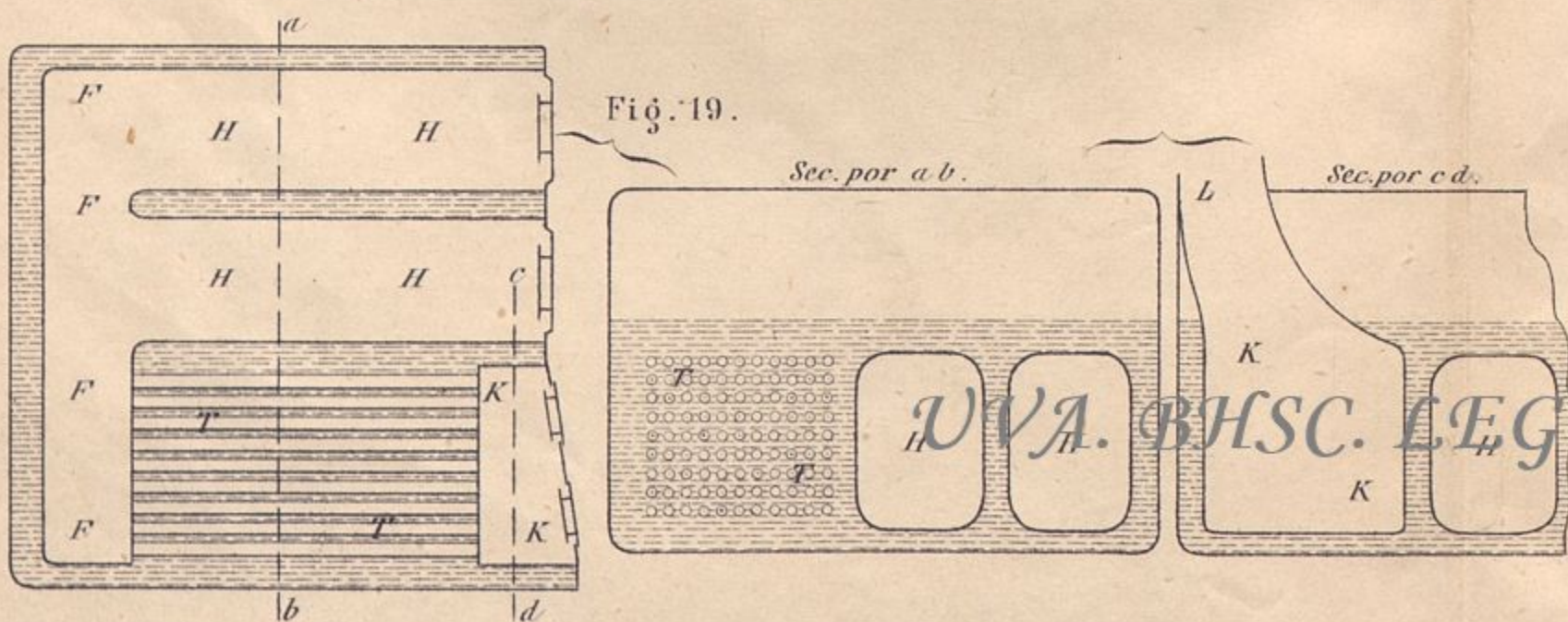
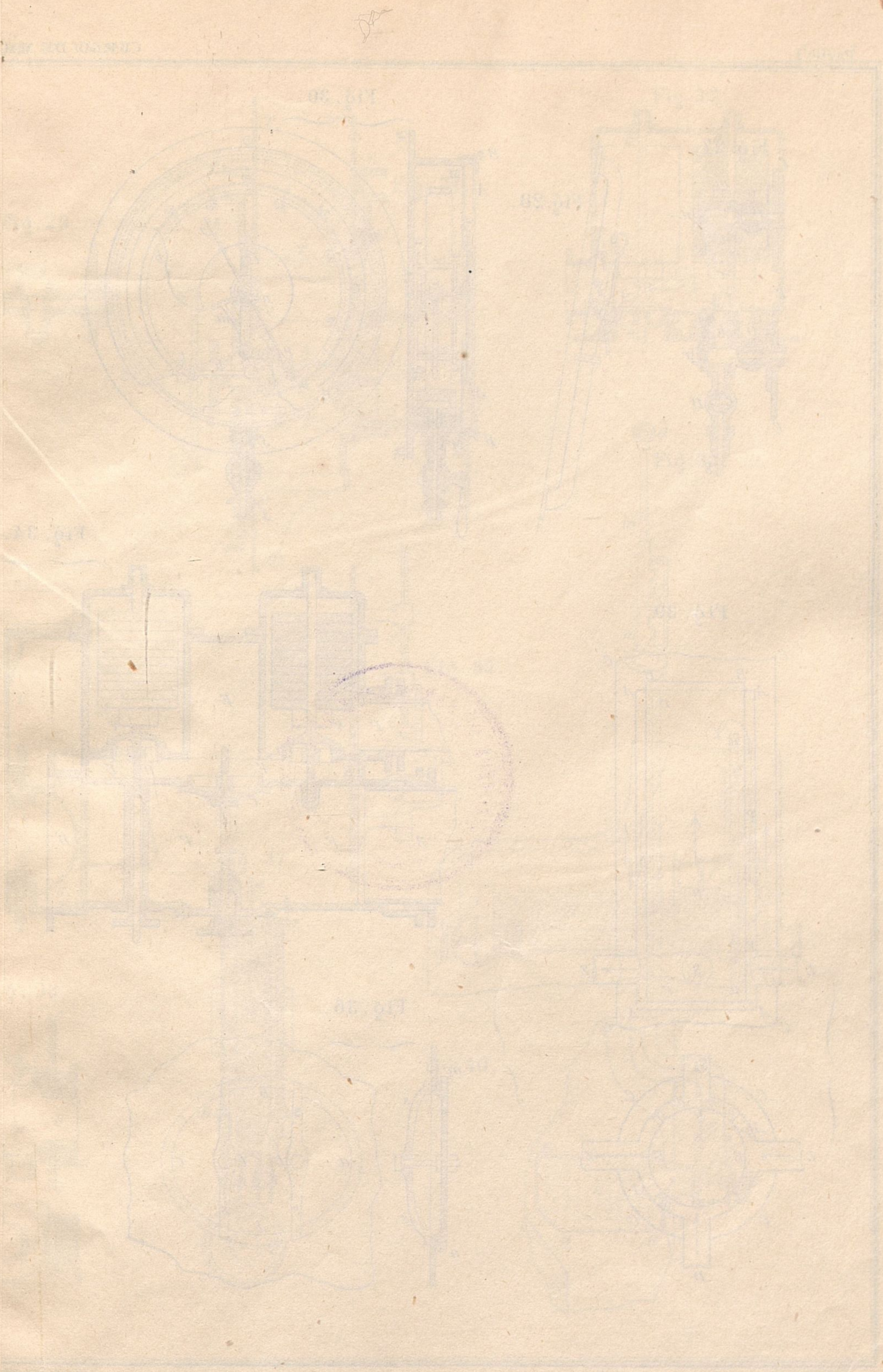


Fig. 19.







UVA. BHSC. LEG 20-1 n°1560

Fig. 27.

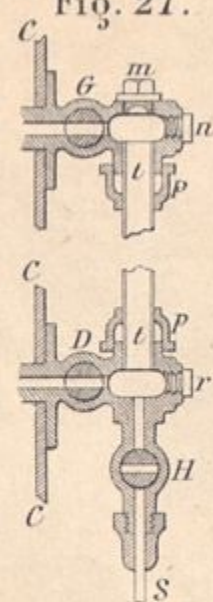


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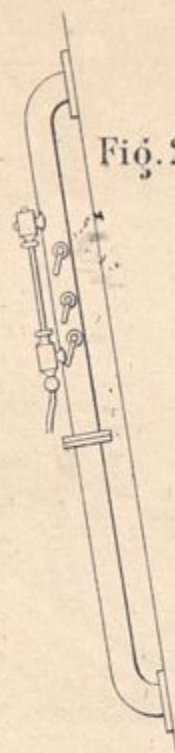


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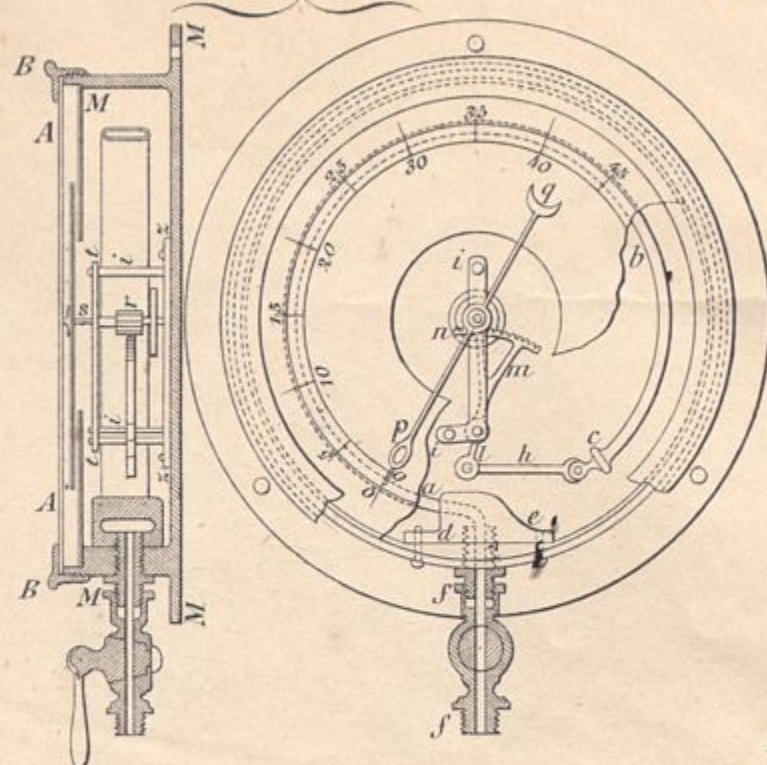


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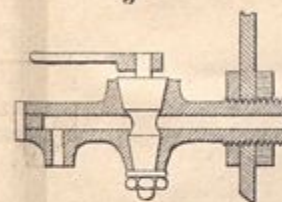


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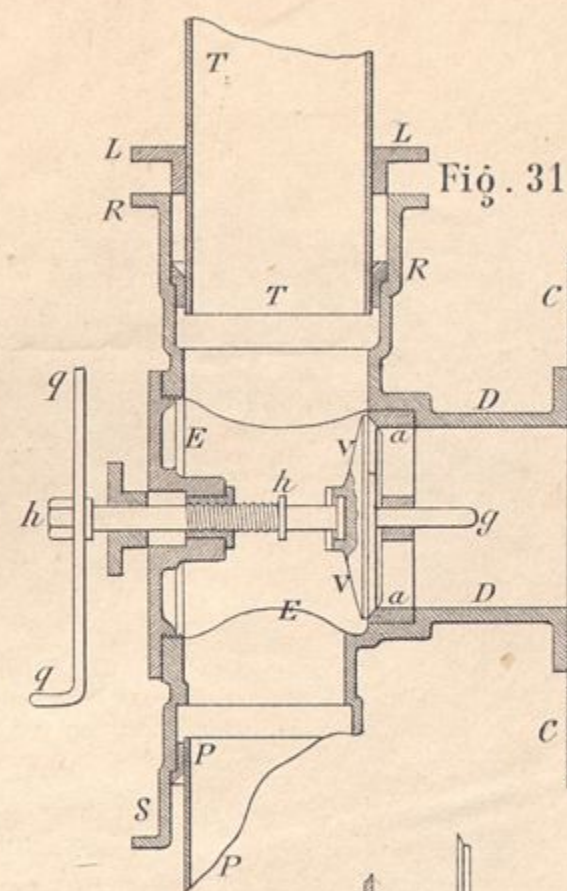


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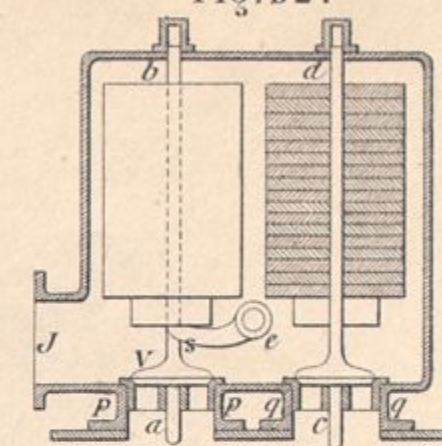


Fig. 33.



Fig. 39.

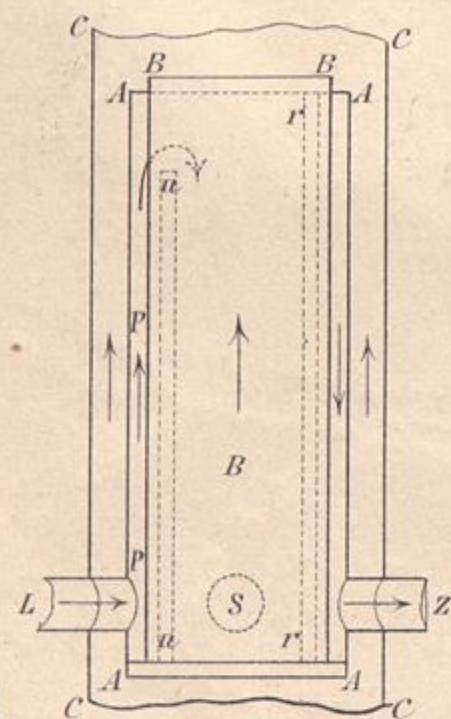


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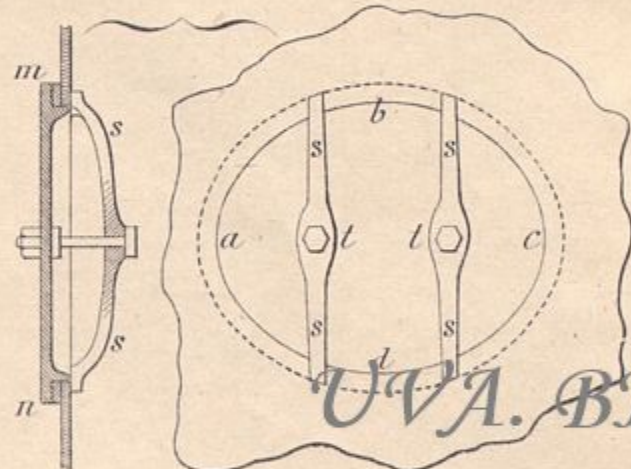


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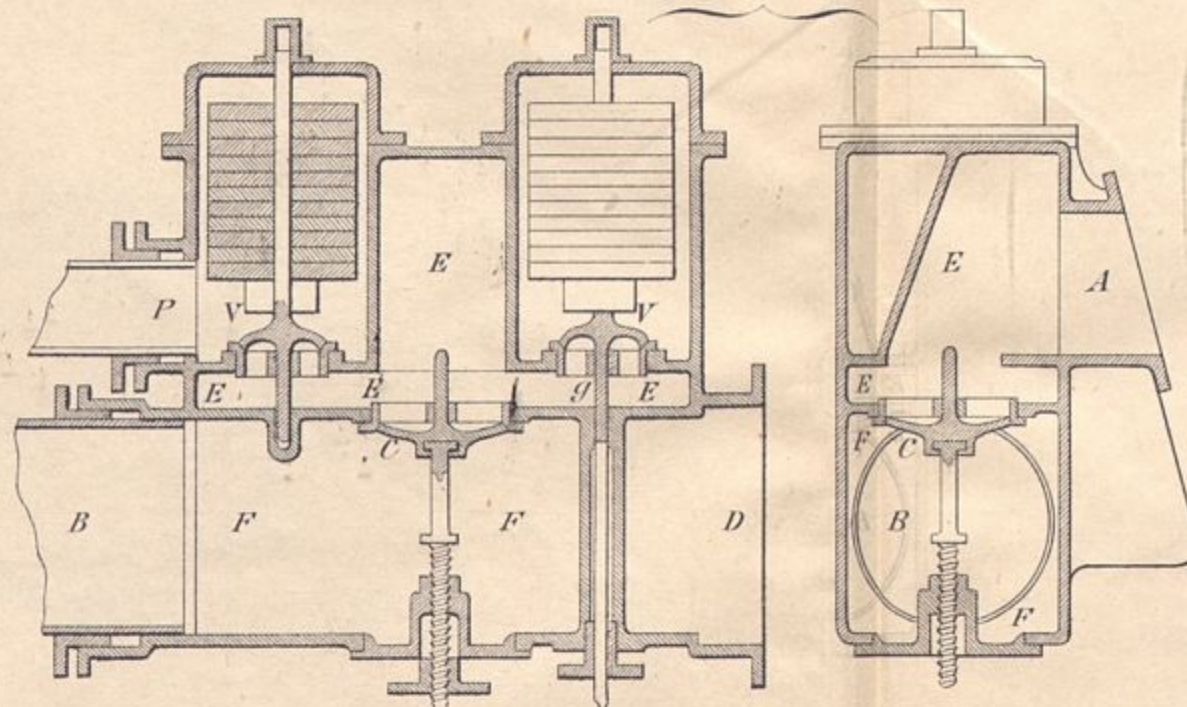


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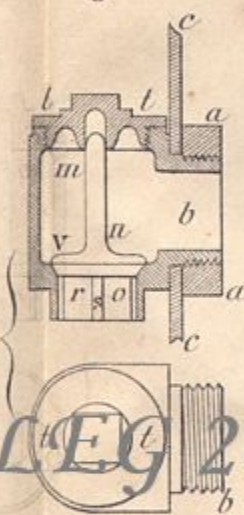


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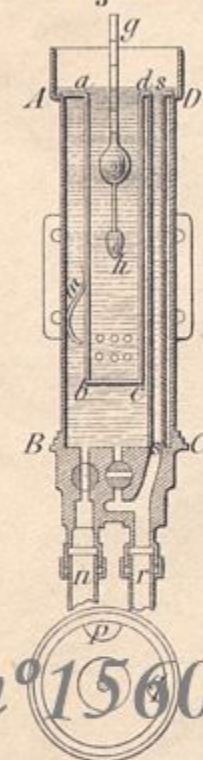


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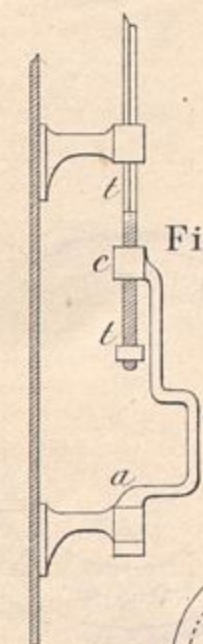
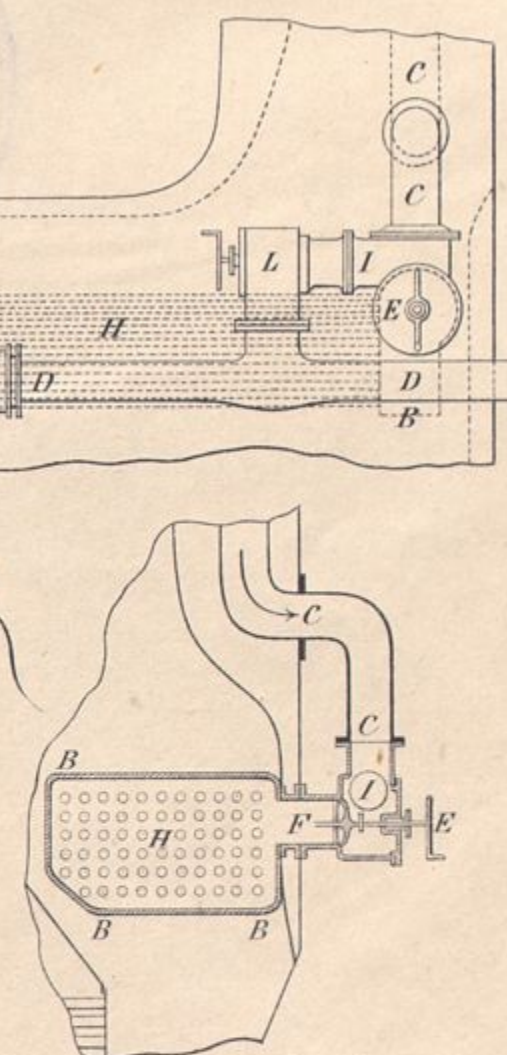


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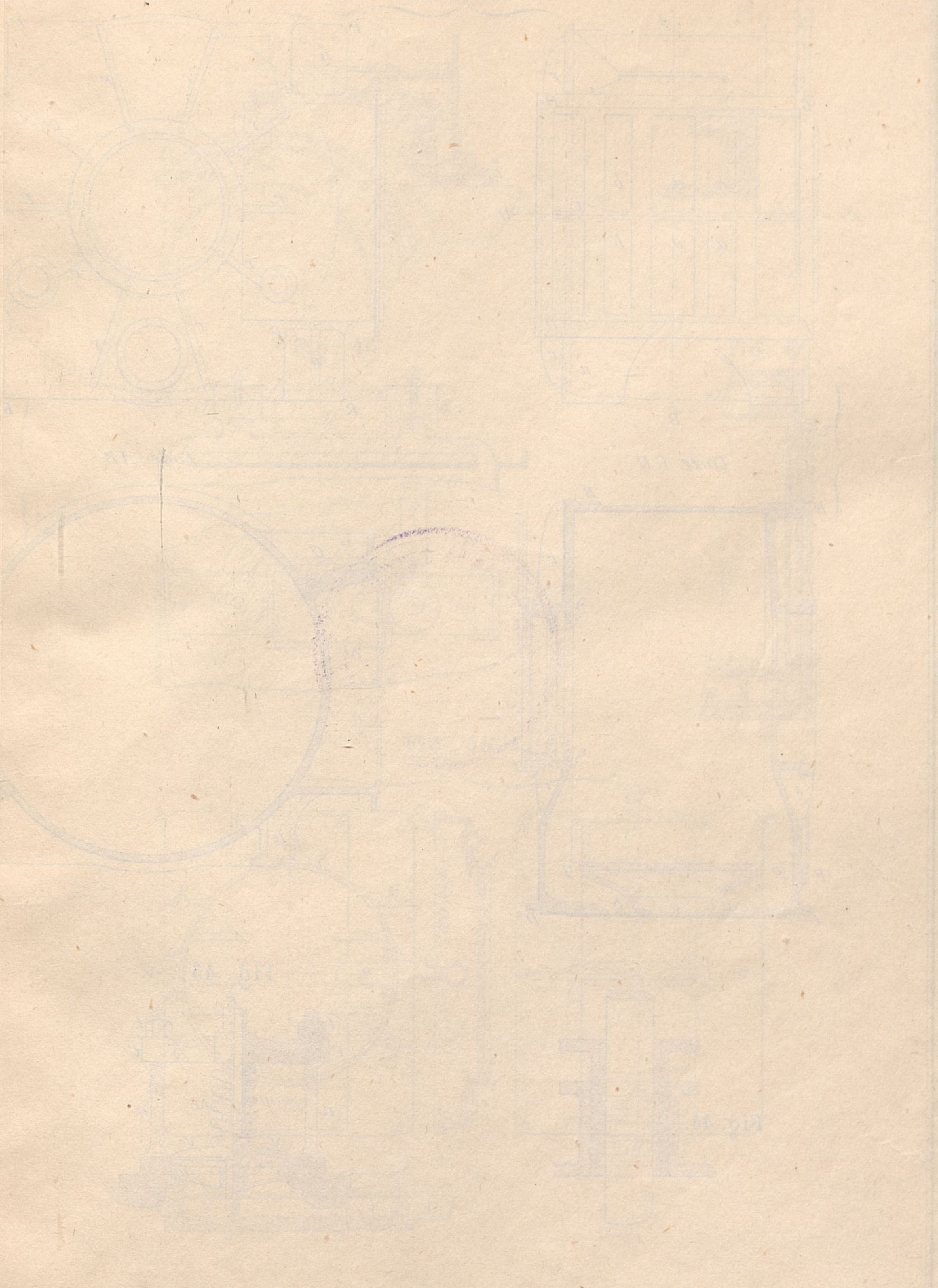
UVA. BHSC. DEQ 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

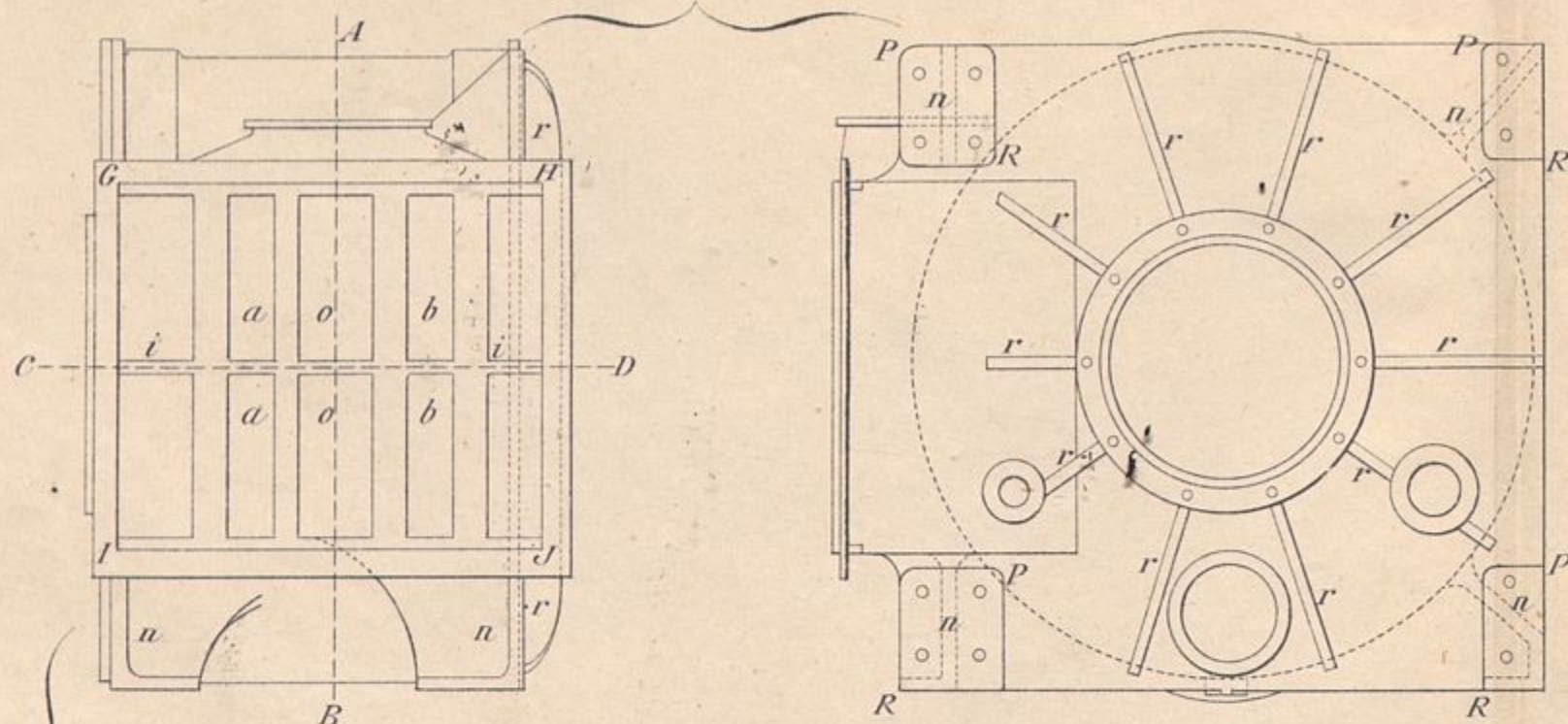
AN 10 00000

Fig. 10

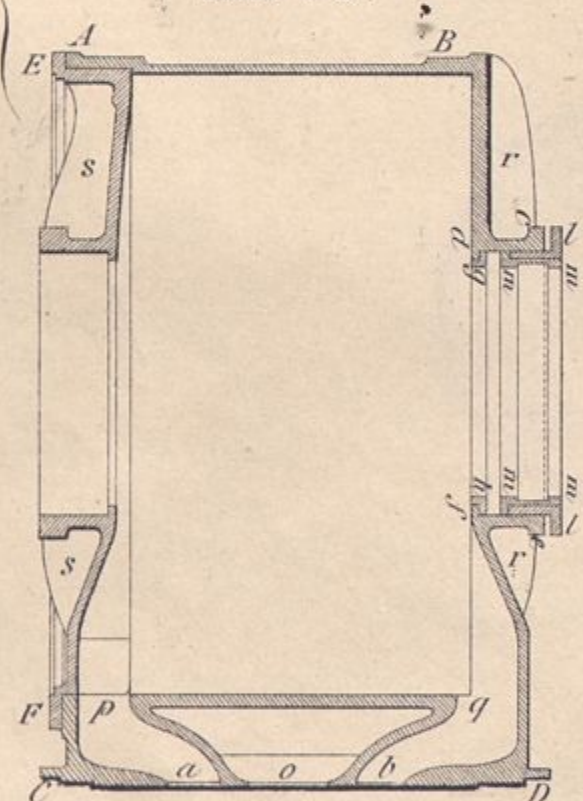


UVA. BHSC. LEG 20-1 n°1560

Fig. 41.



Corte CD.



Corte AB.

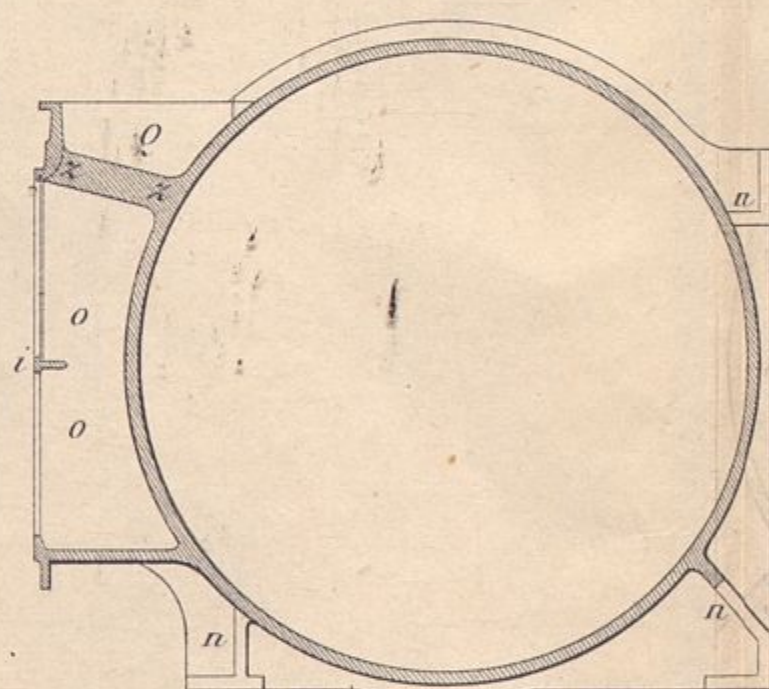


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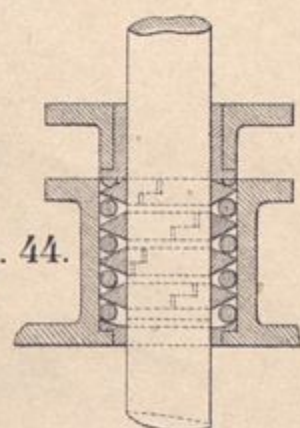


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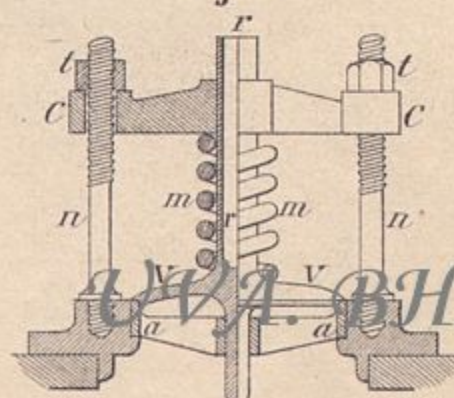


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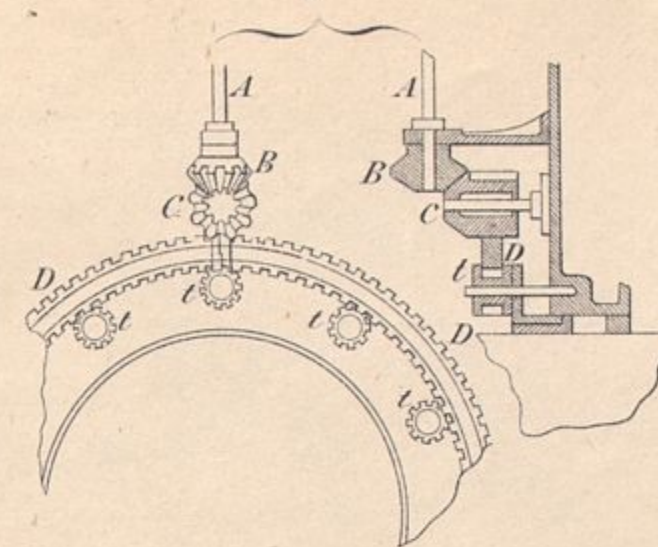


Fig. 43.



Fig. 46.

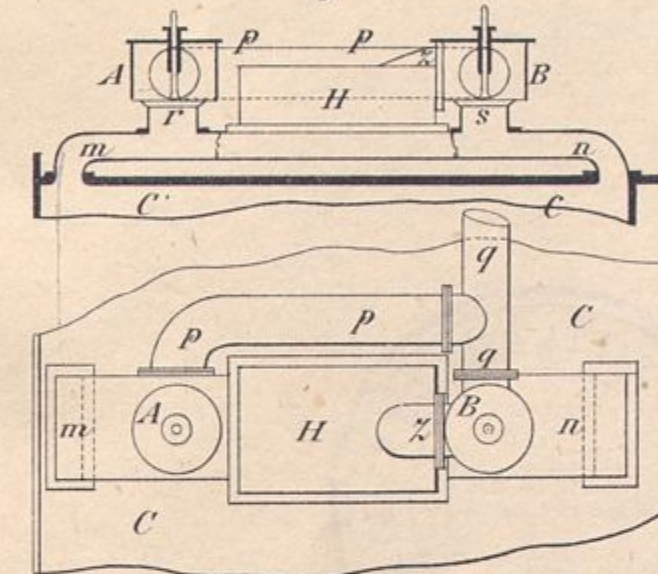


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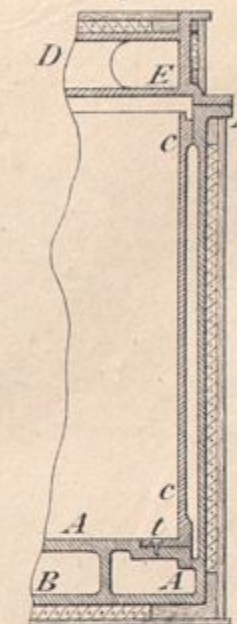
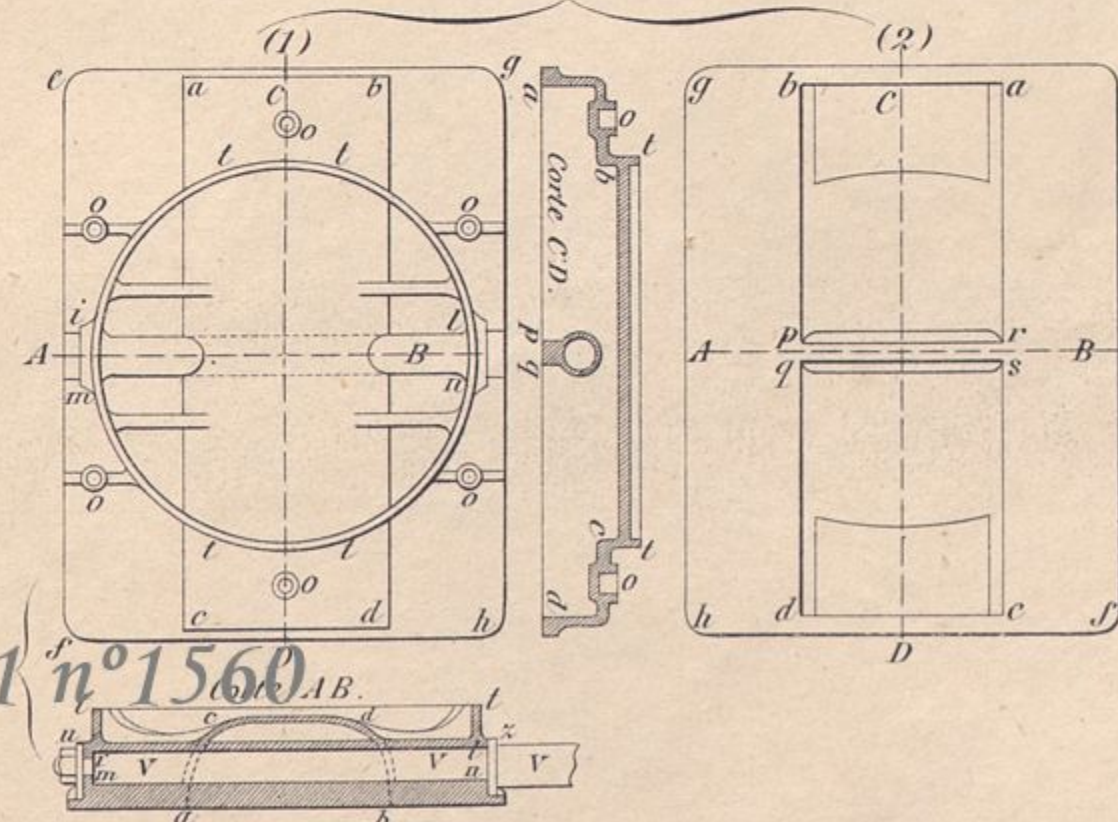


Fig. 48.





UVA. BHSC. LEG 20-1 n°1560

Fig. 49.

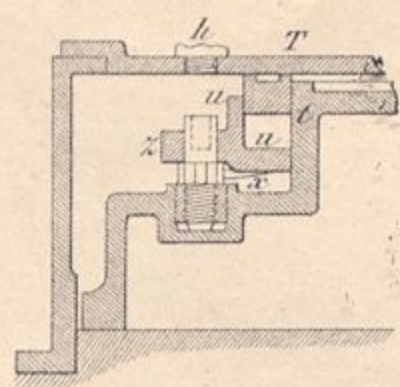


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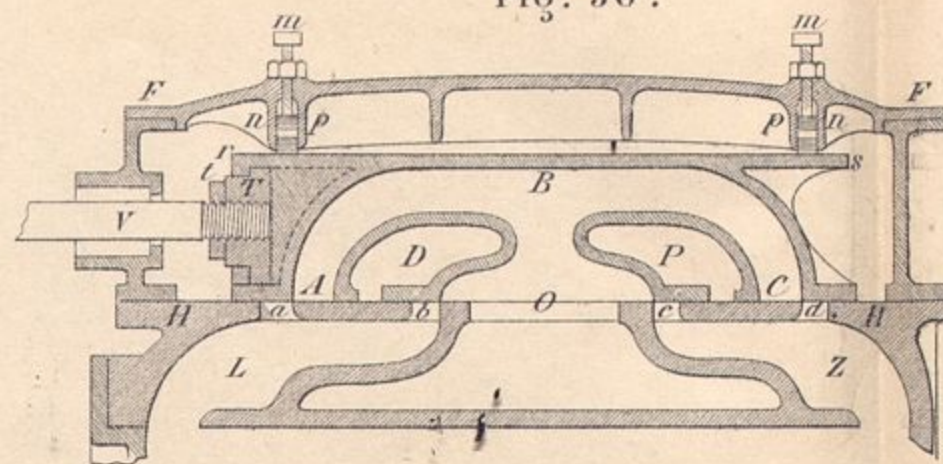


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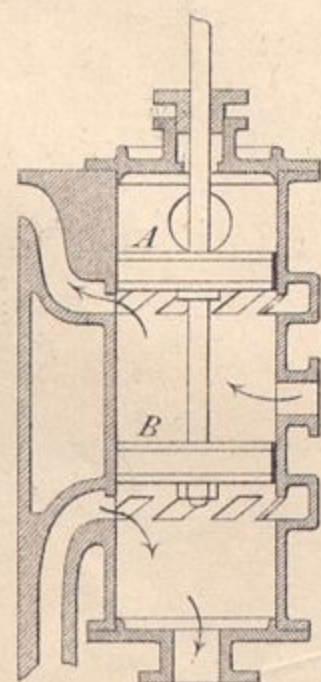


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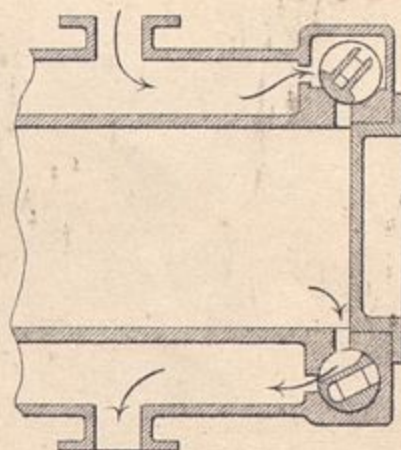


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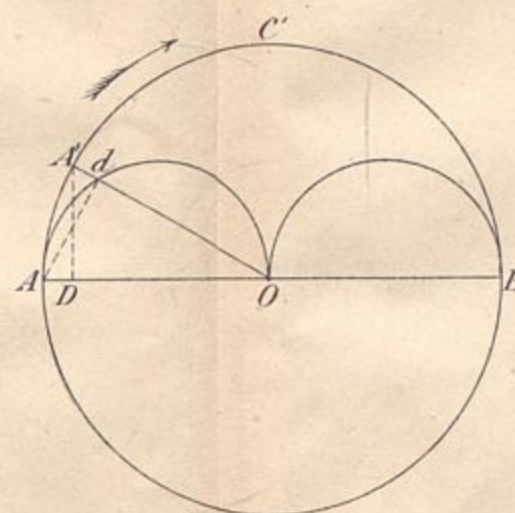
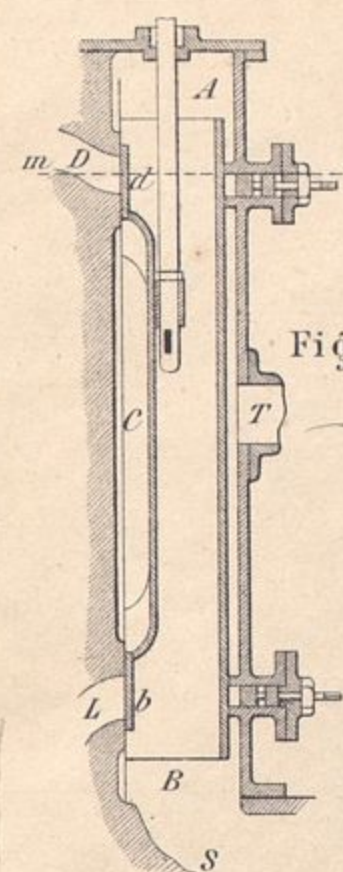


Fig. 51.



Corte m.n

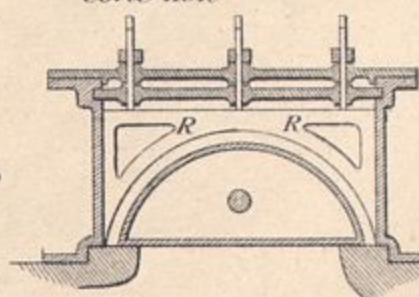


Fig. 52.



Fig. 59.

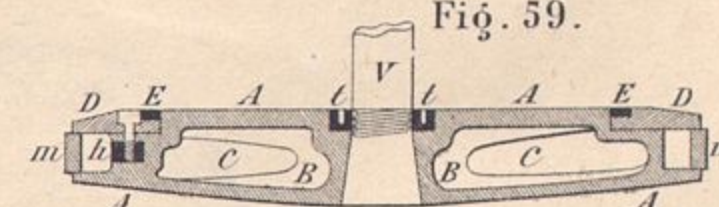


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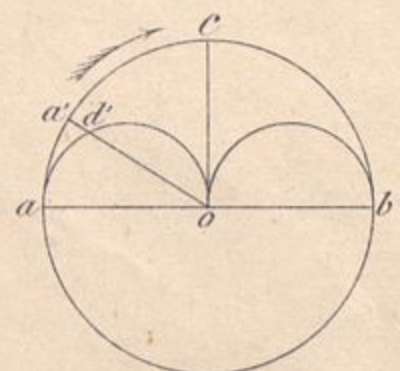


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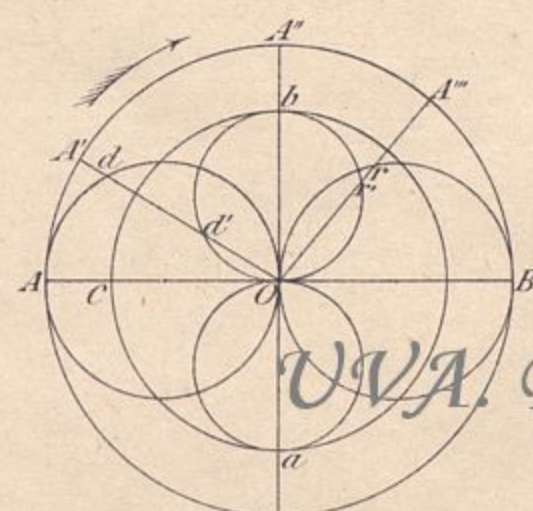


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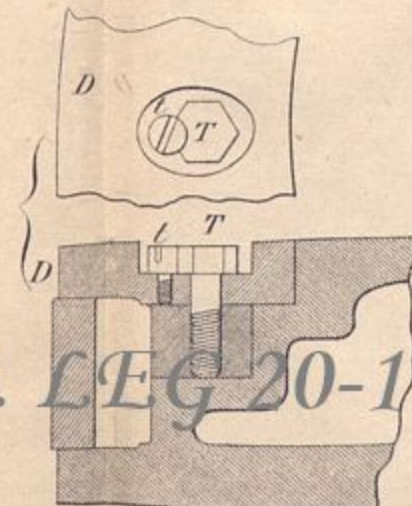
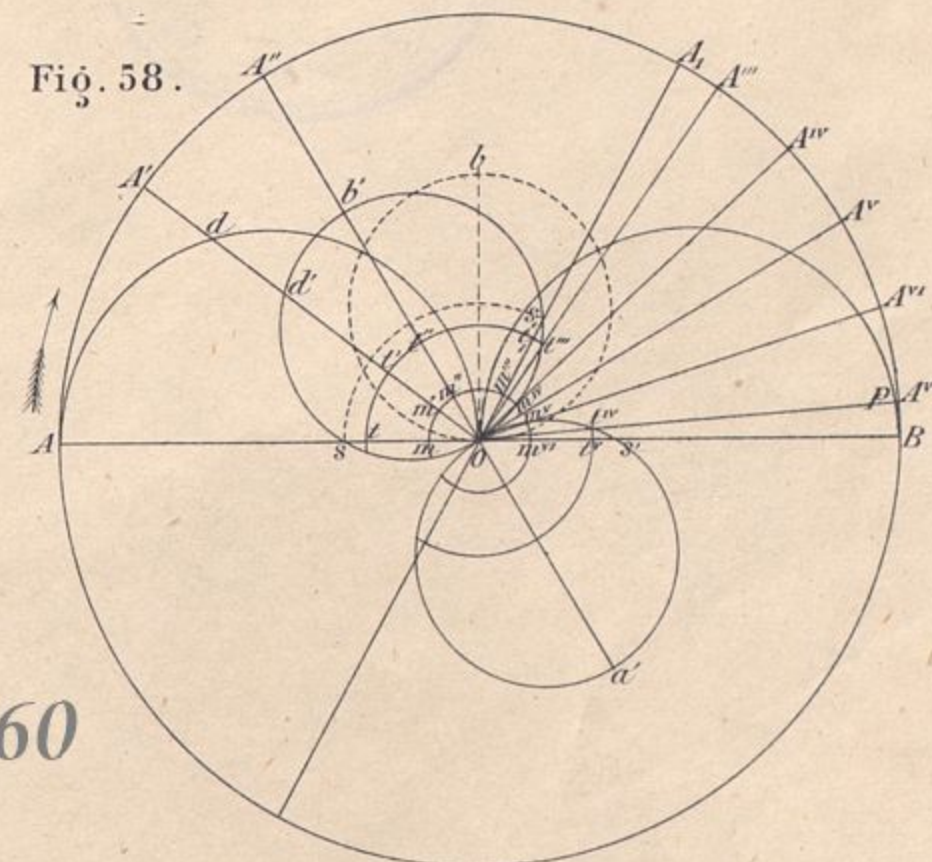


Fig. 58.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

UVA. BHSC. LEG 20-1 n°1560

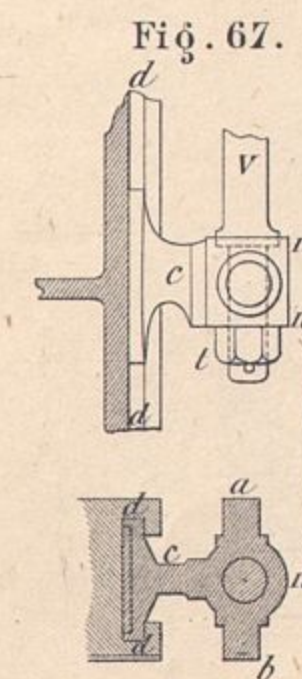
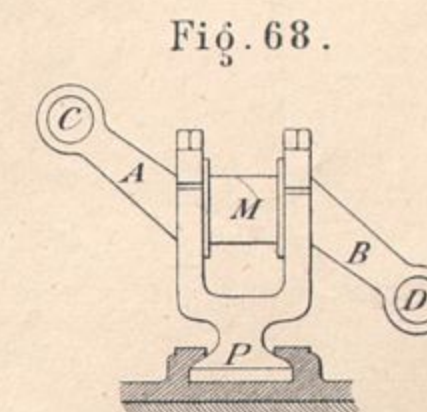
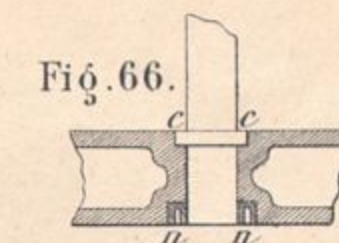
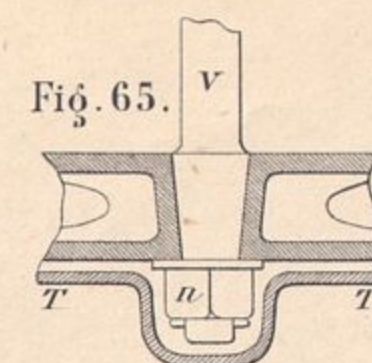
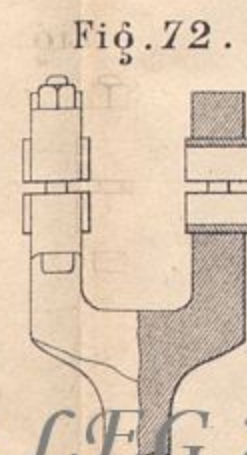
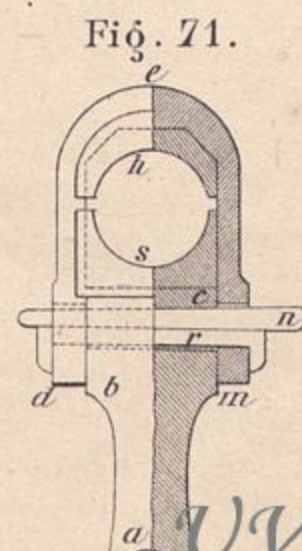
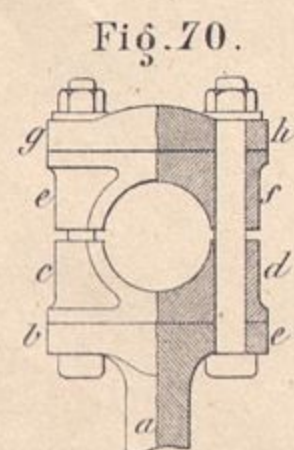
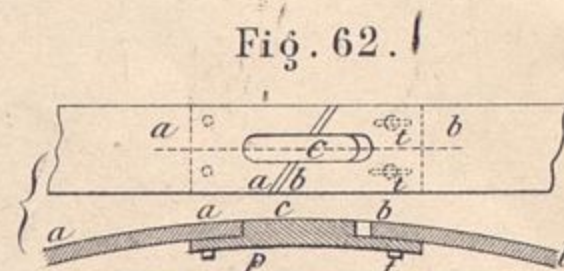
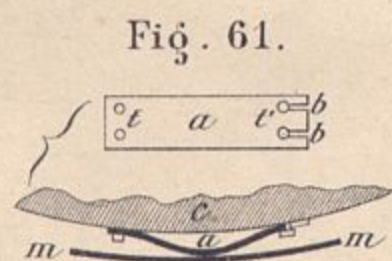
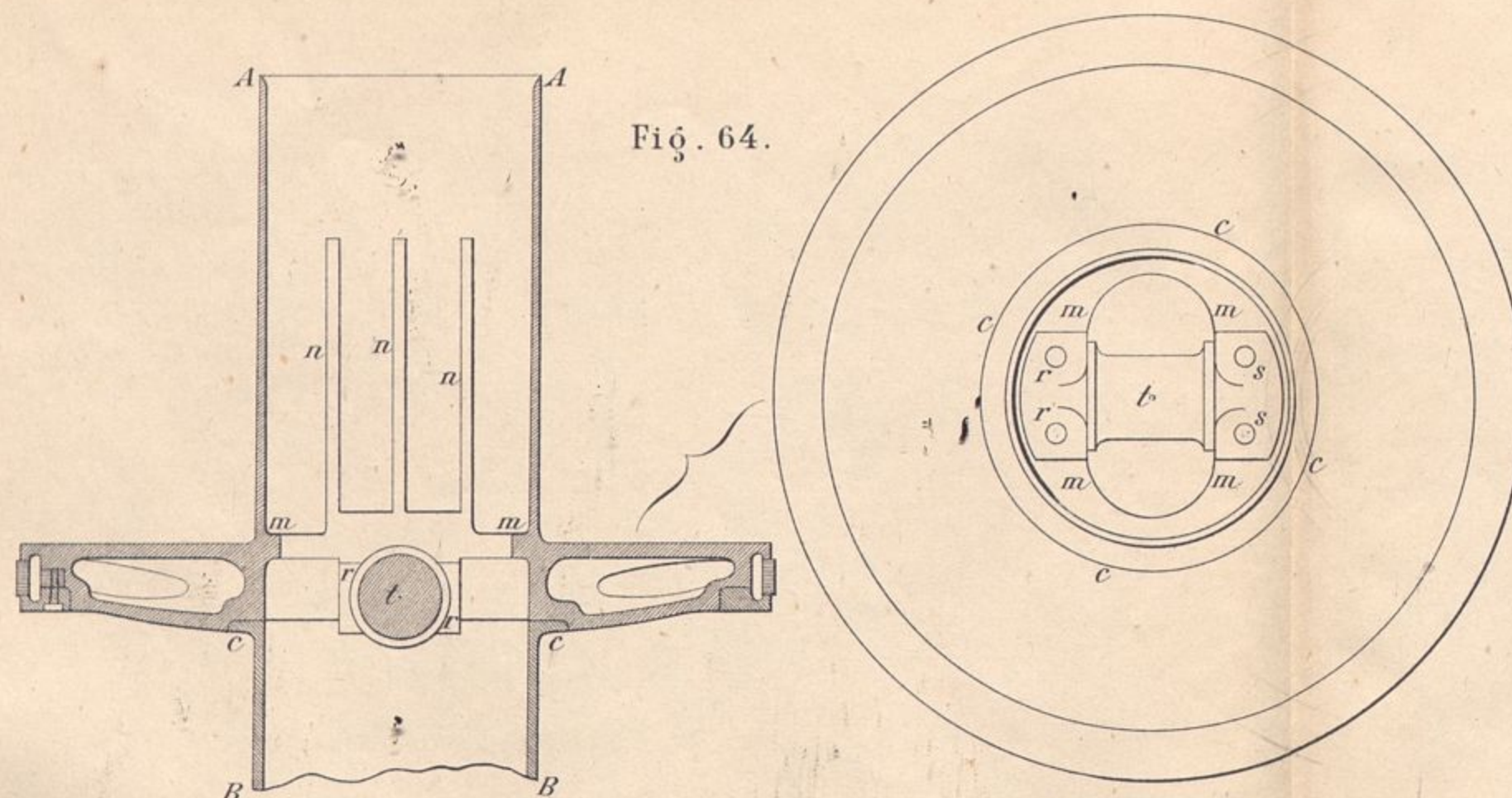


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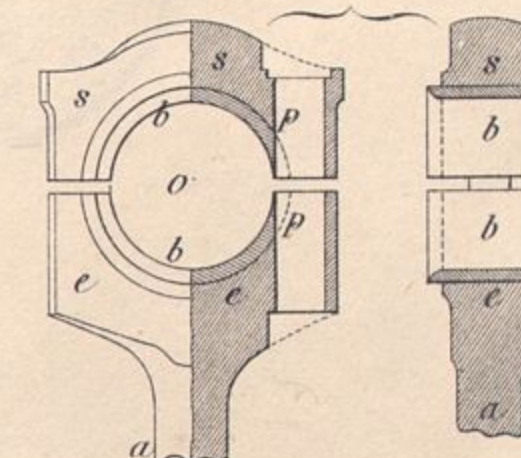


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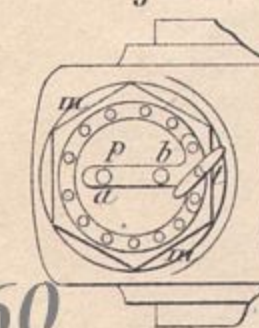
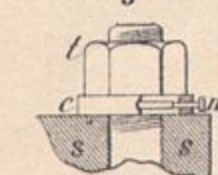


Fig. 74.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

Fig.75.

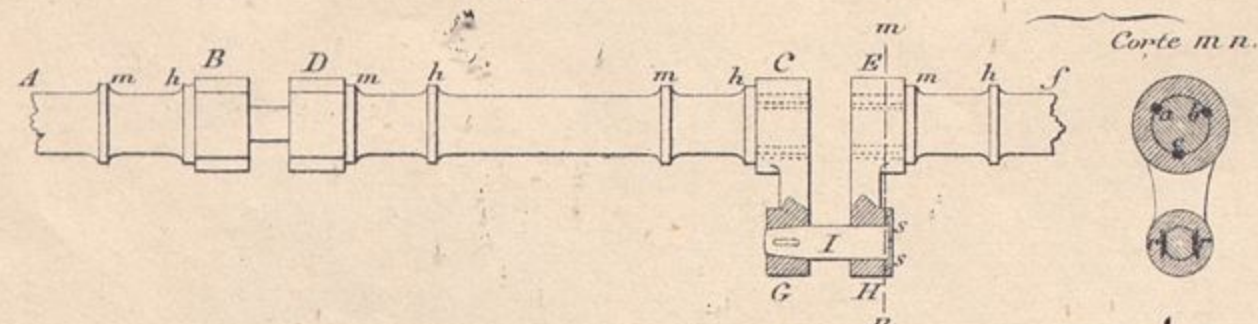


Fig.76.



Fig.77.

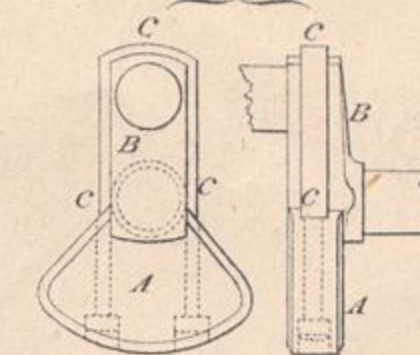


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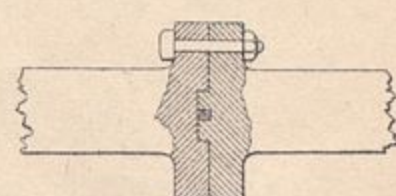


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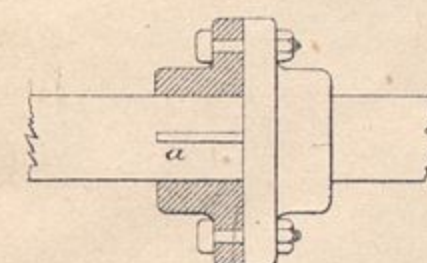


Fig.81.

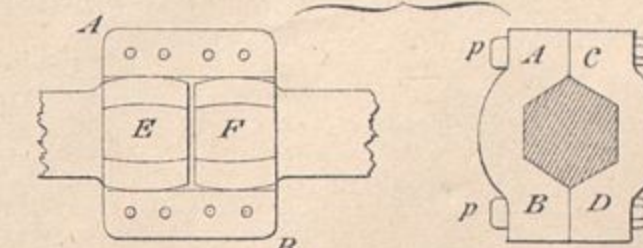


Fig.78.

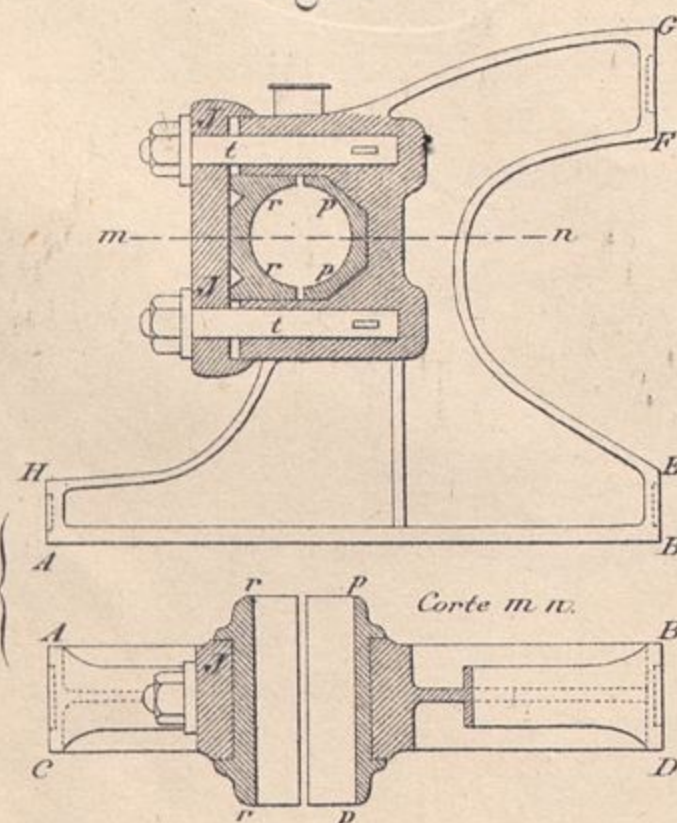


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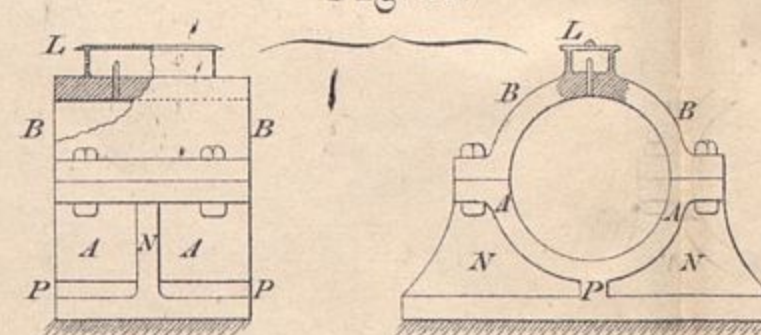


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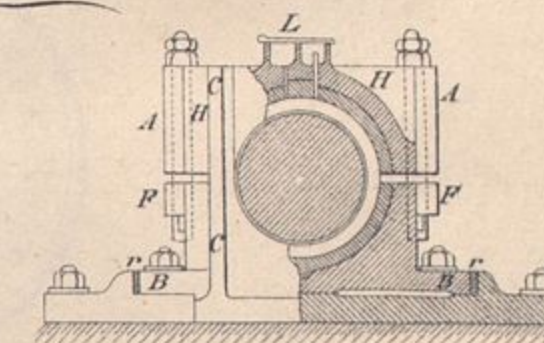
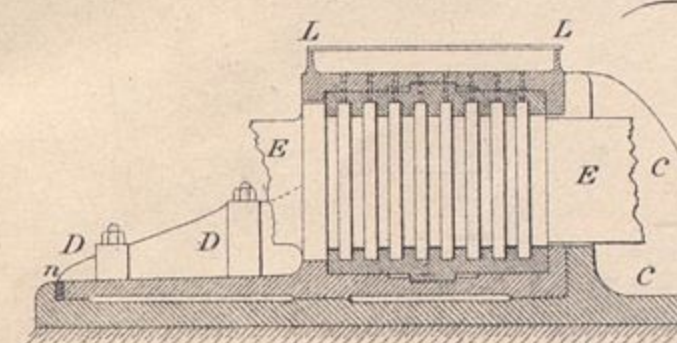


Fig.84.

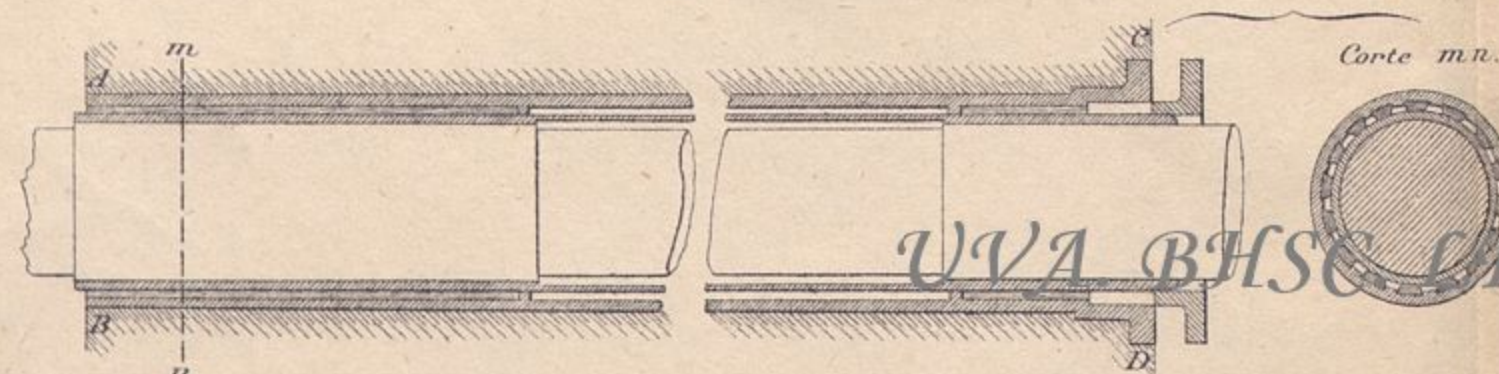
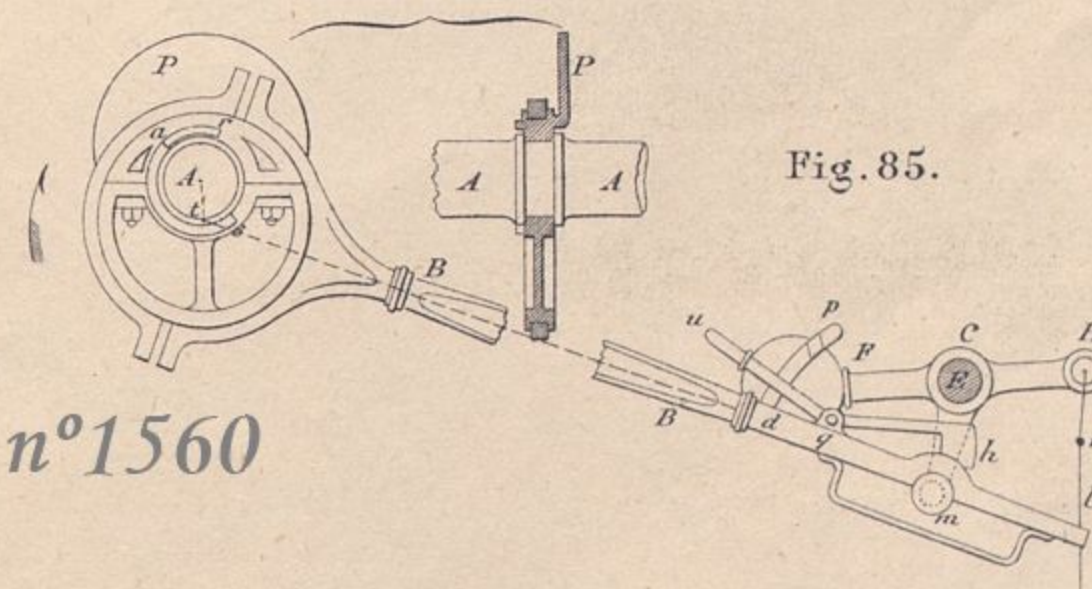
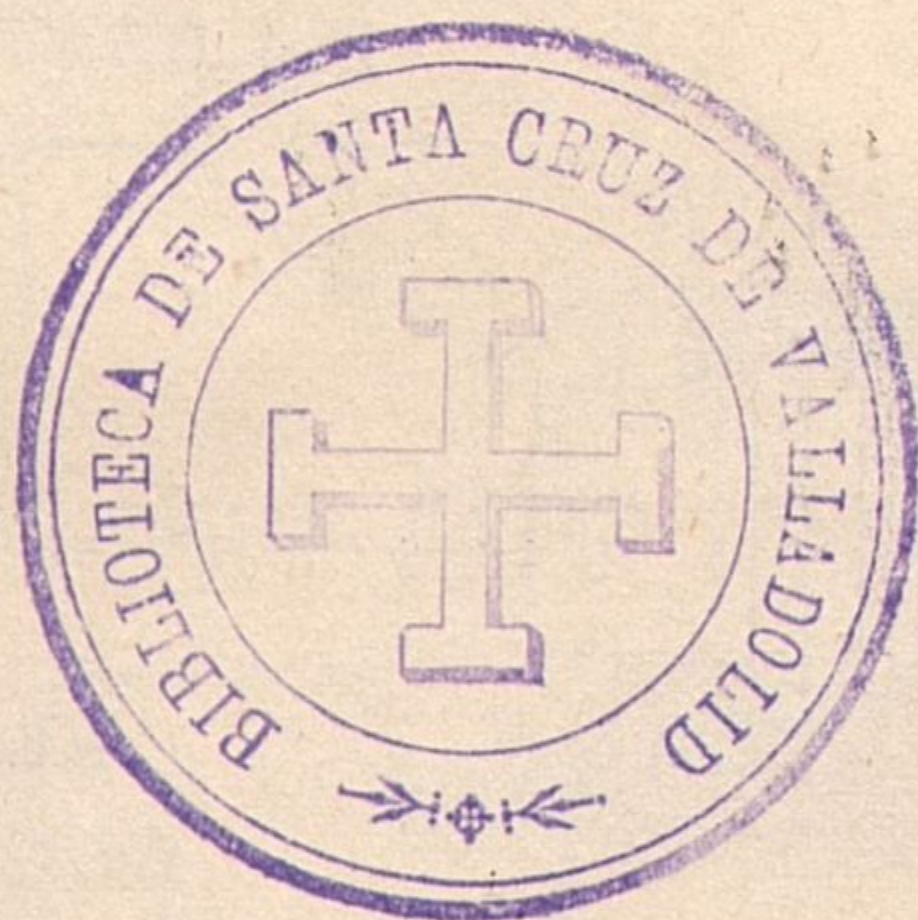
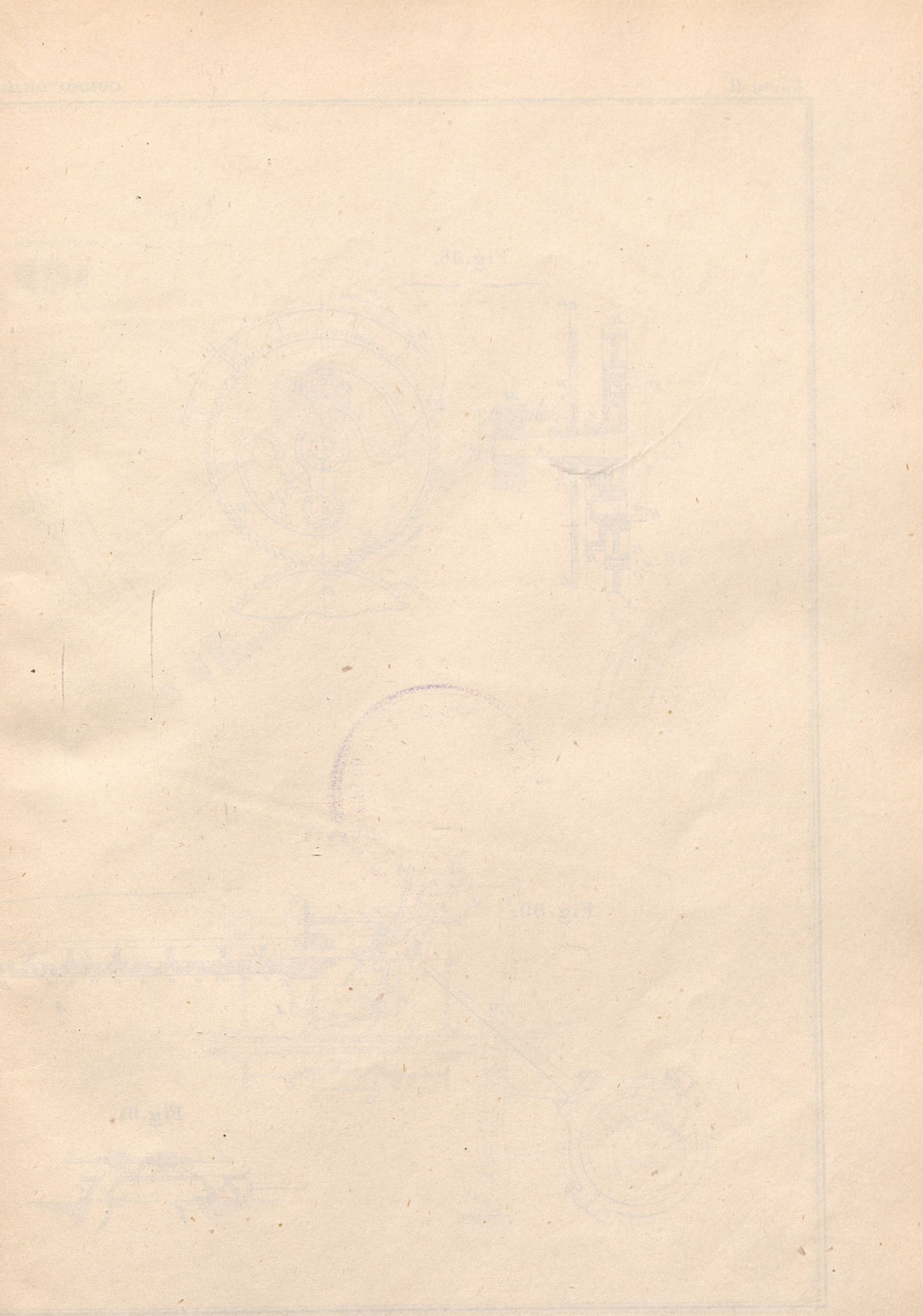


Fig.85.



UVA BHSC CEG 20-1 n°1560





UVA. BHSC. LEG 20-1 n°1560

Fig.86.

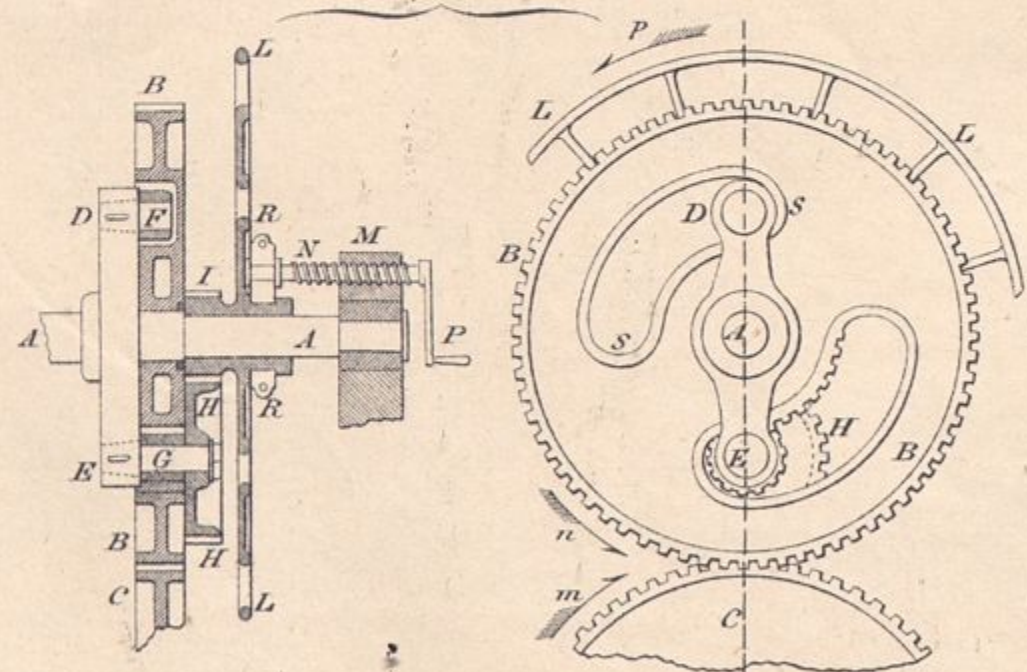


Fig.87.

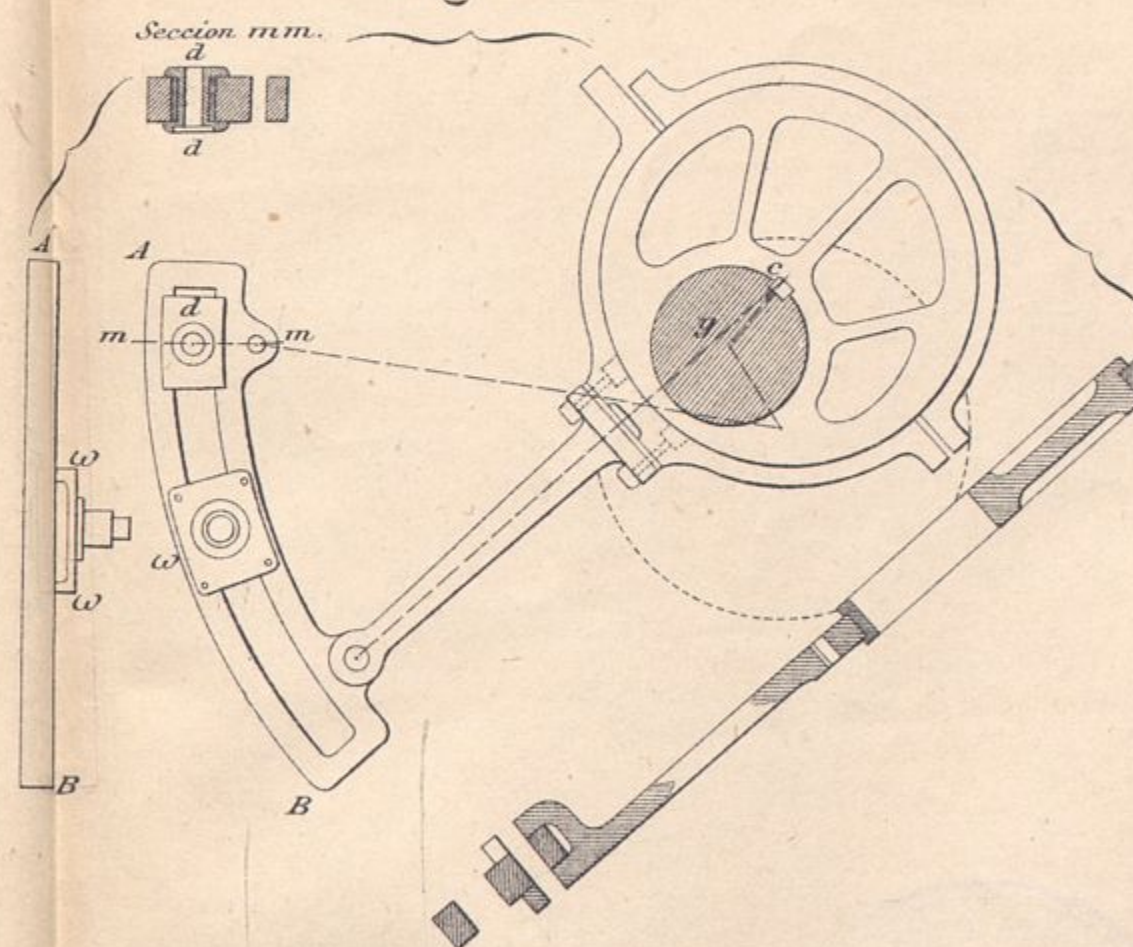


Fig.88.



Fig.89.

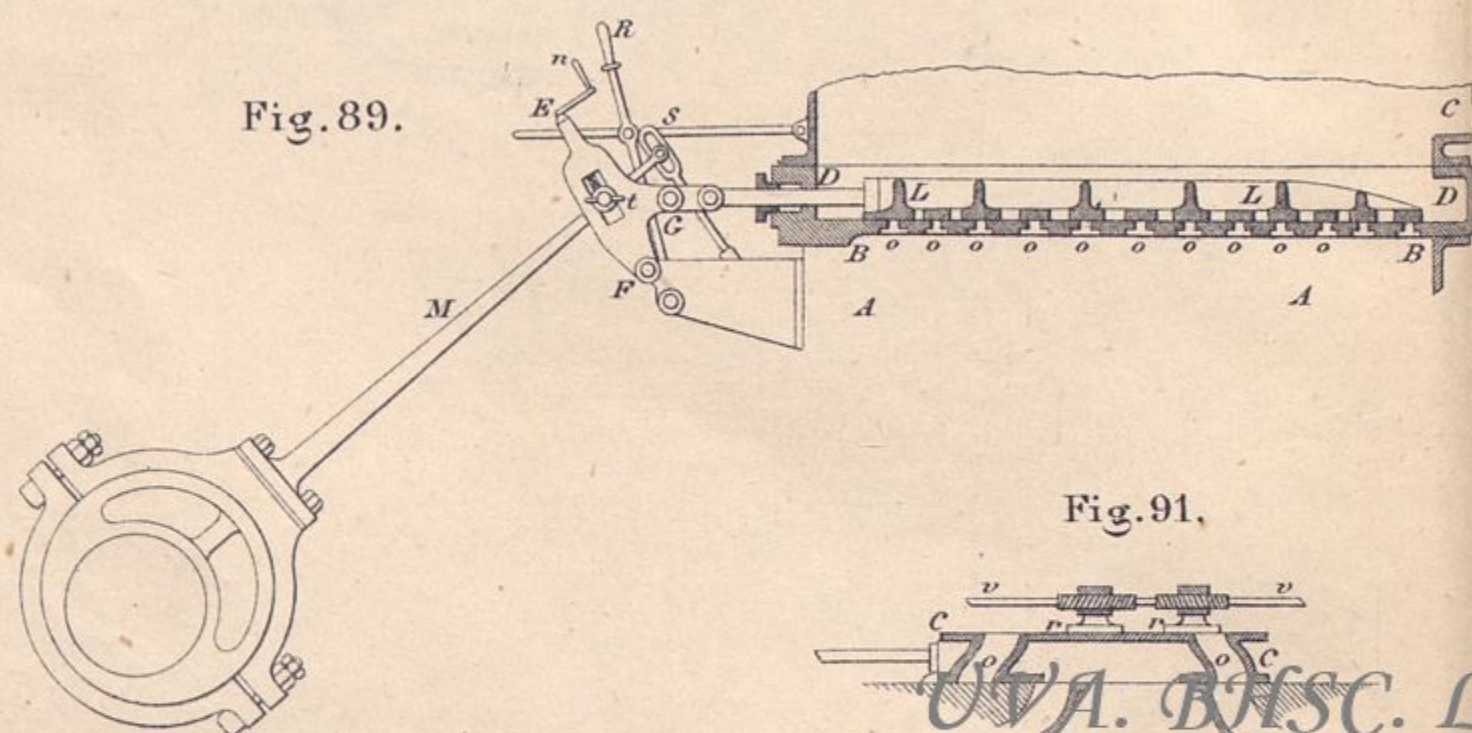
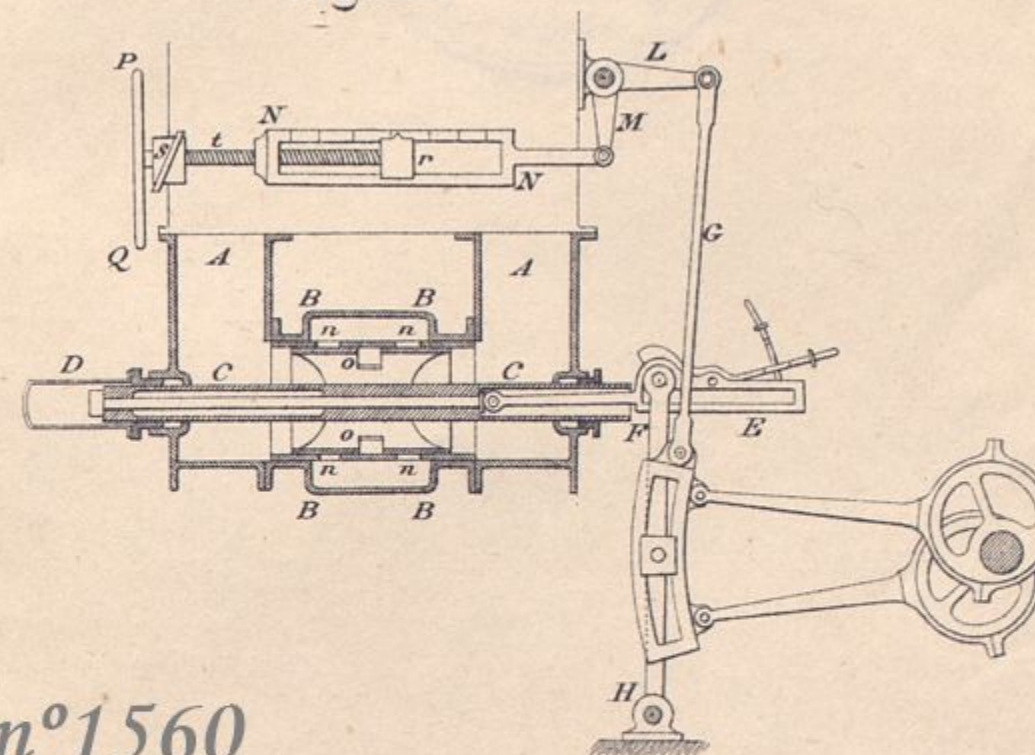


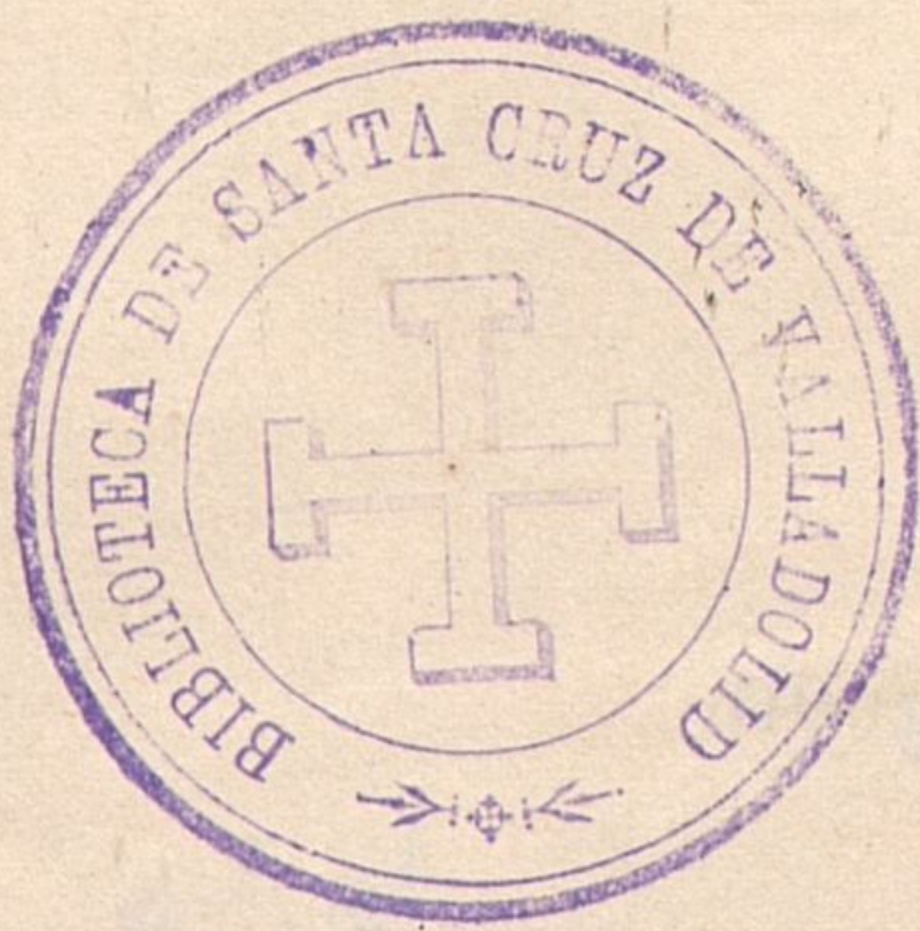
Fig.91.



Fig.90.



UVA. BNSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

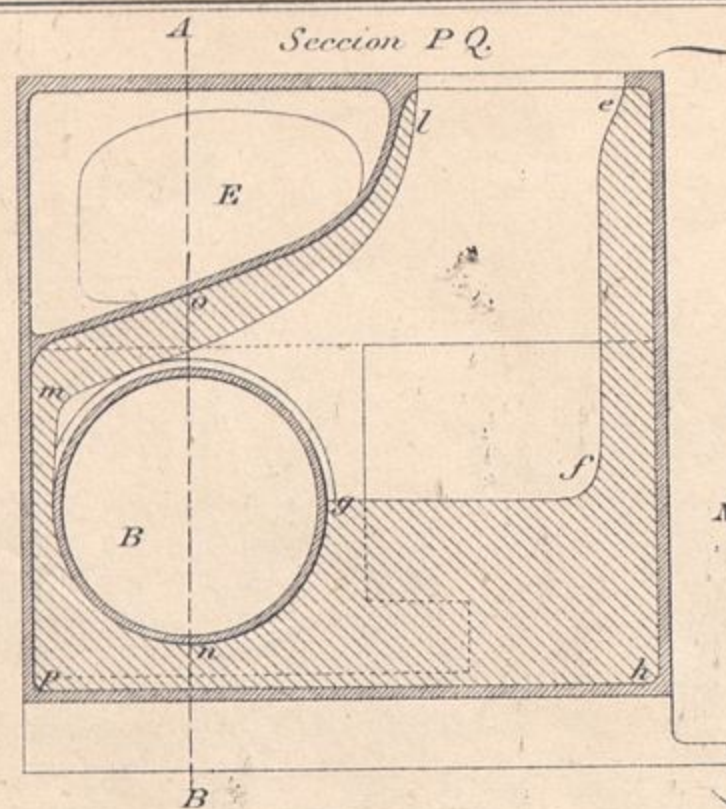


Fig. 92.

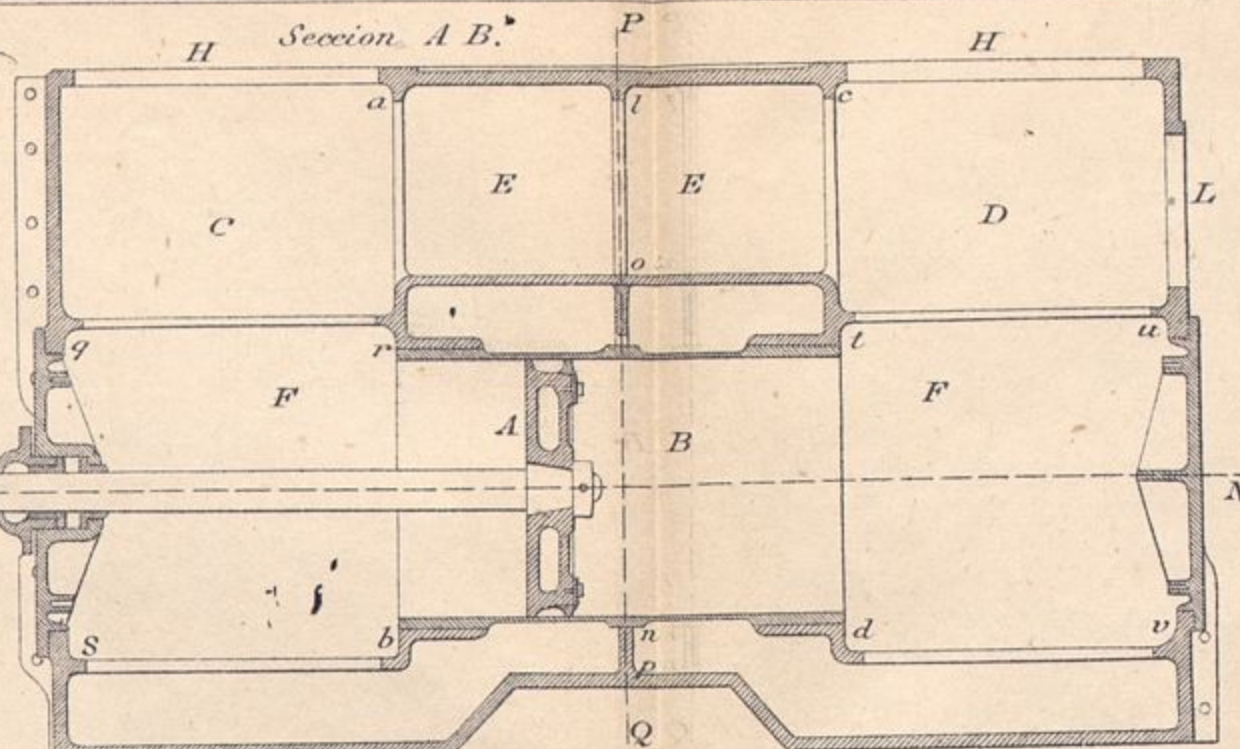


Fig. 93.

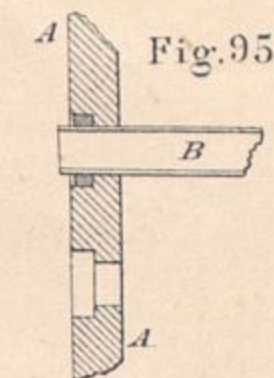
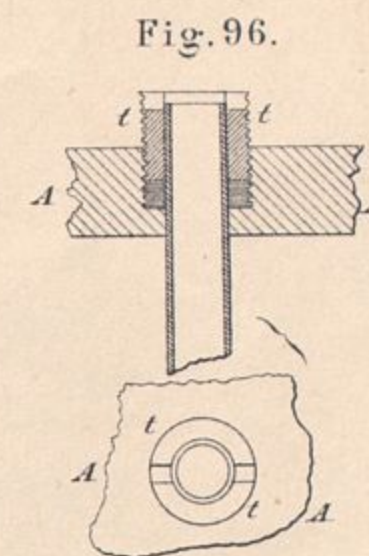


Fig. 97.

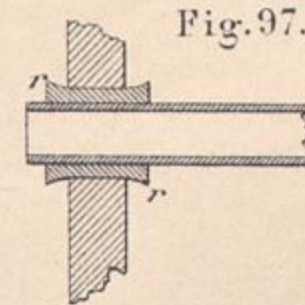


Fig. 98.

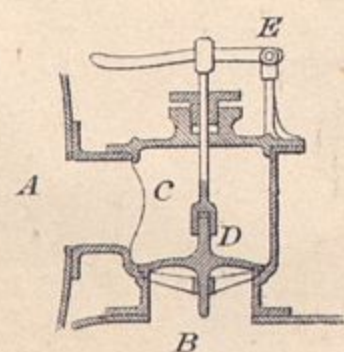
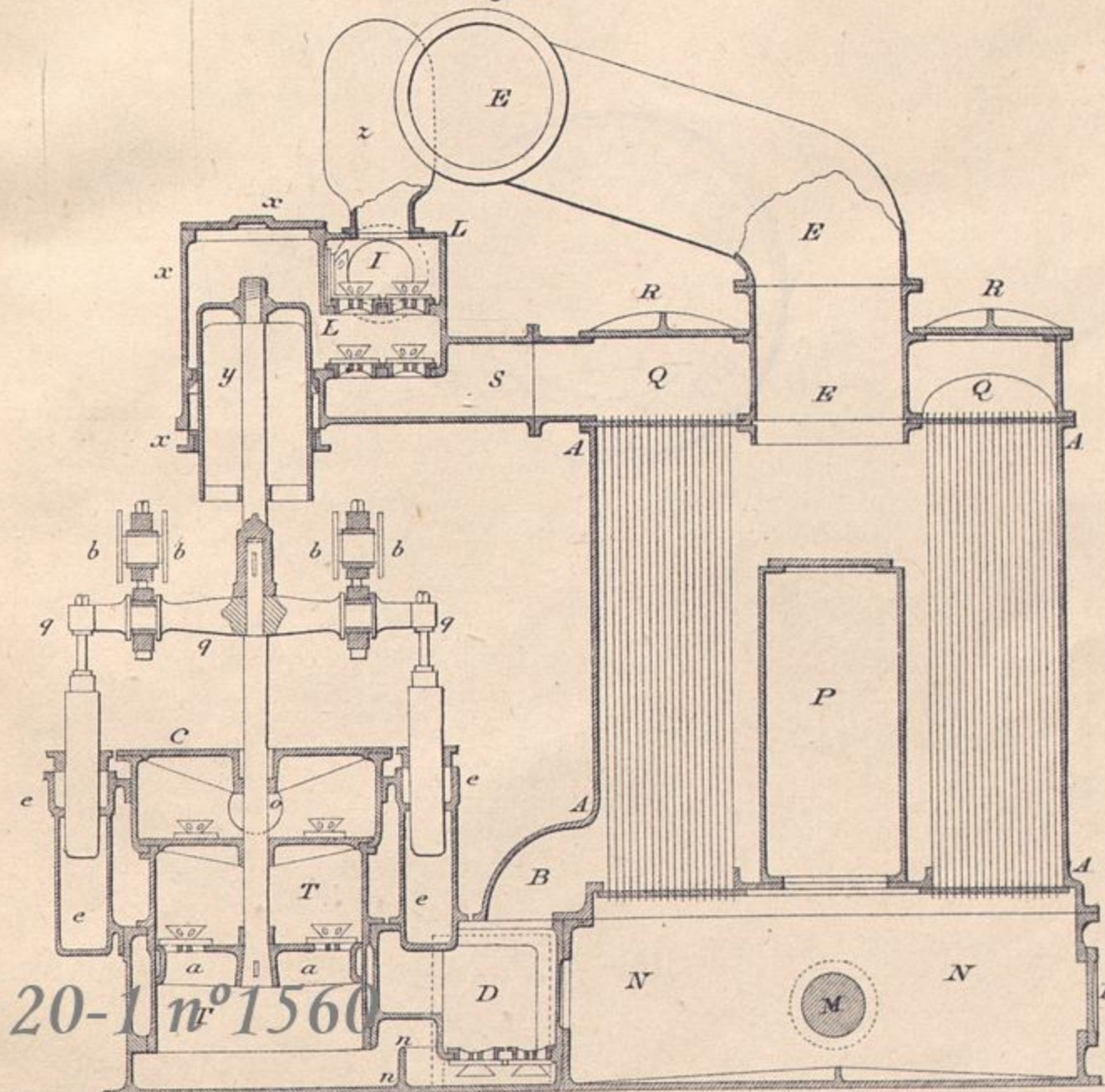
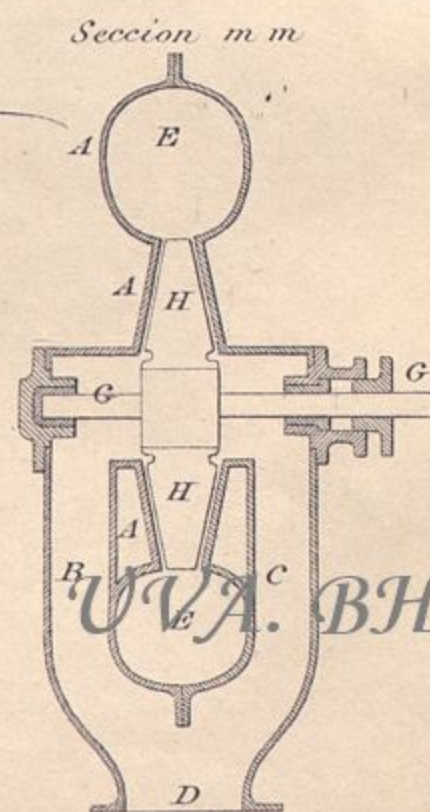
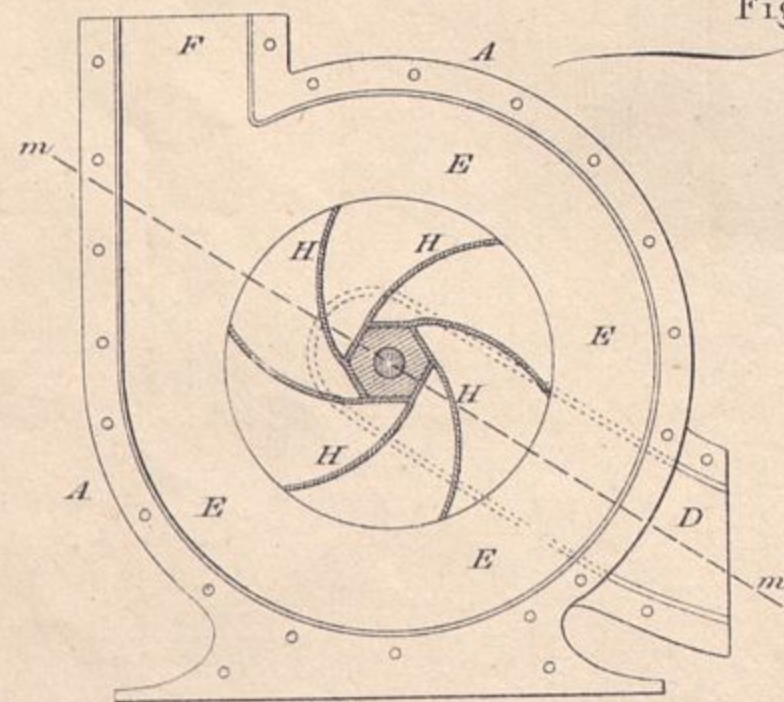
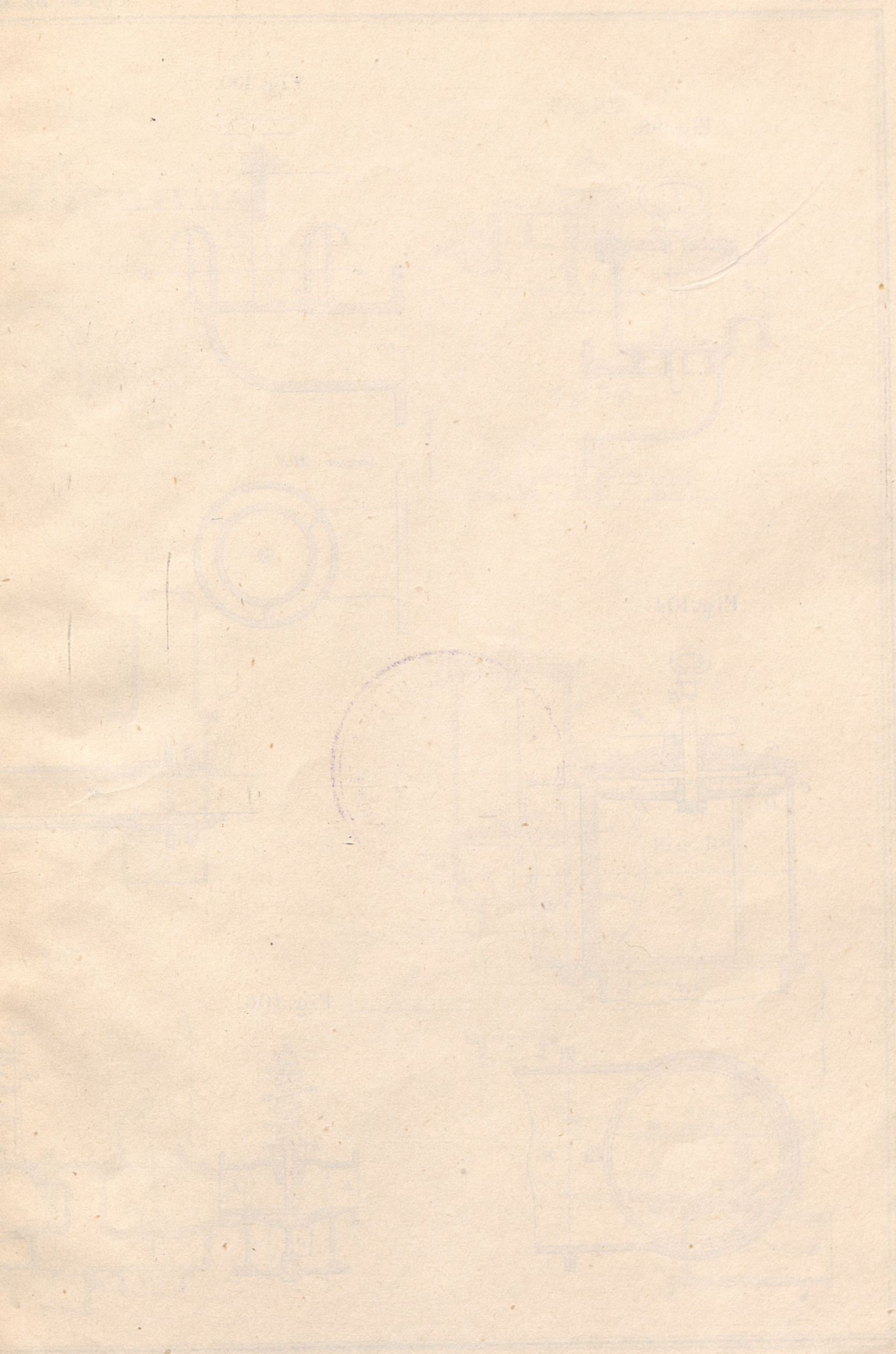


Fig. 94.



UVA. BHSC. LEG 20-1 nº 1560





UVA. BHSC. LEG 20-1 n°1560

Fig. 99.

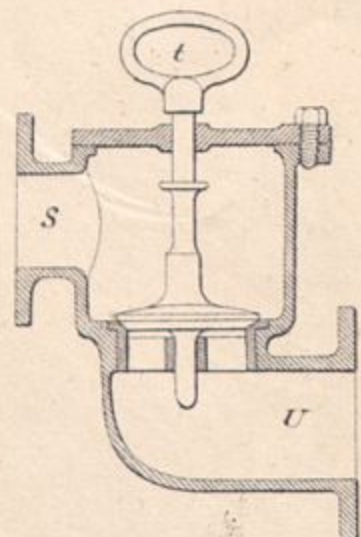


Fig. 100.

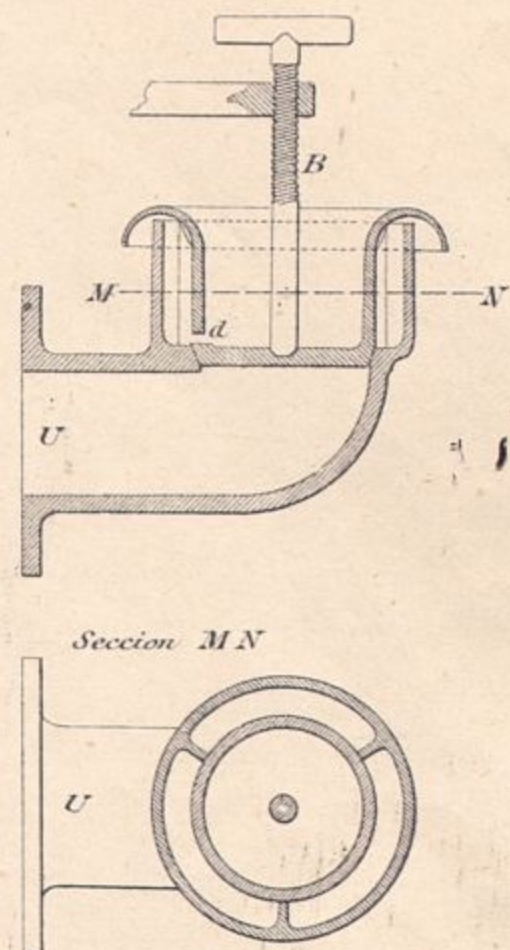


Fig. 101.

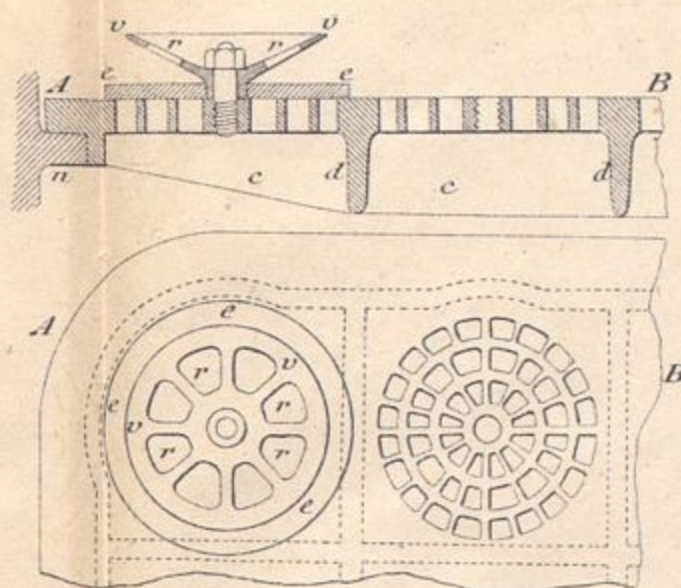


Fig. 102.

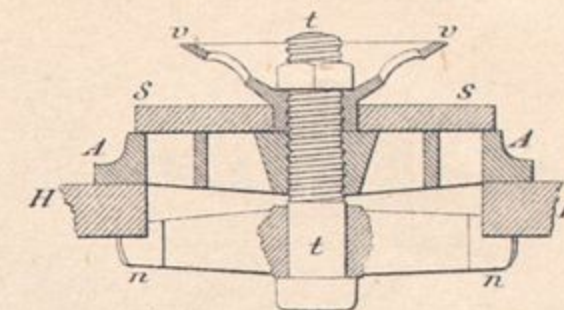


Fig. 103.

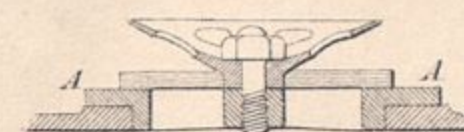


Fig. 104.

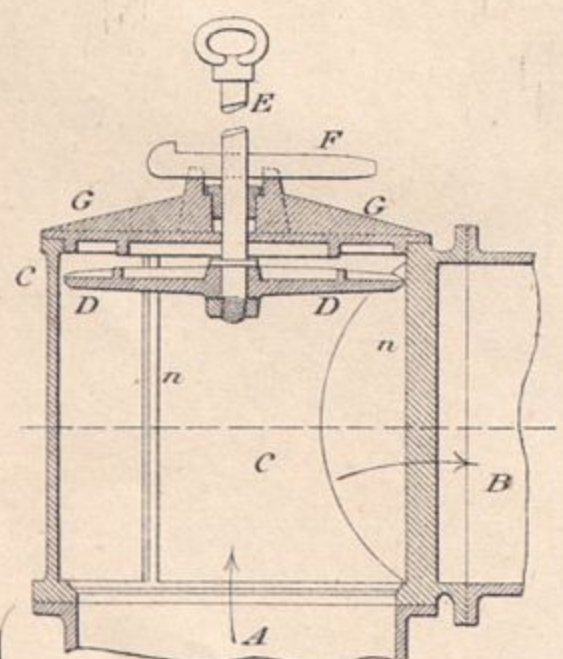


Fig. 105.

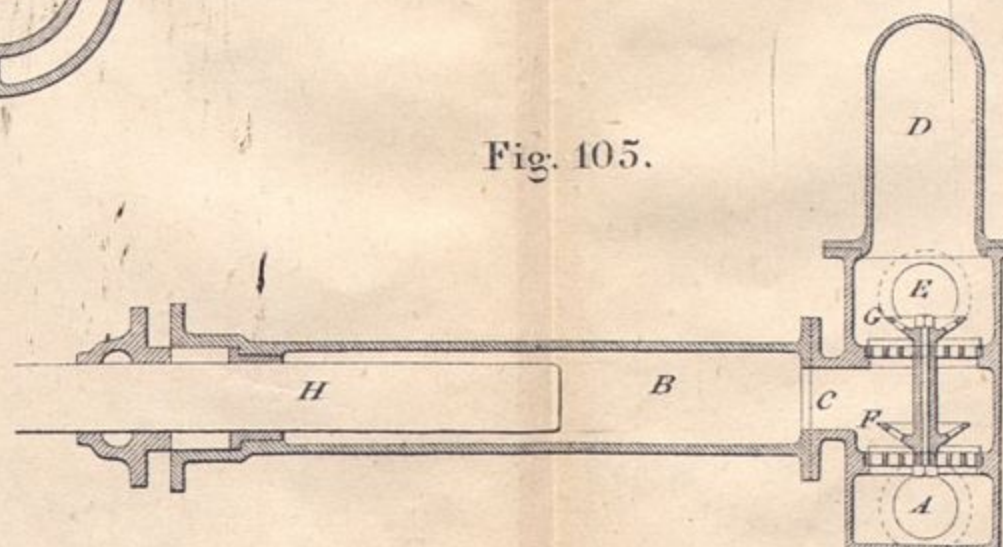


Fig. 107.

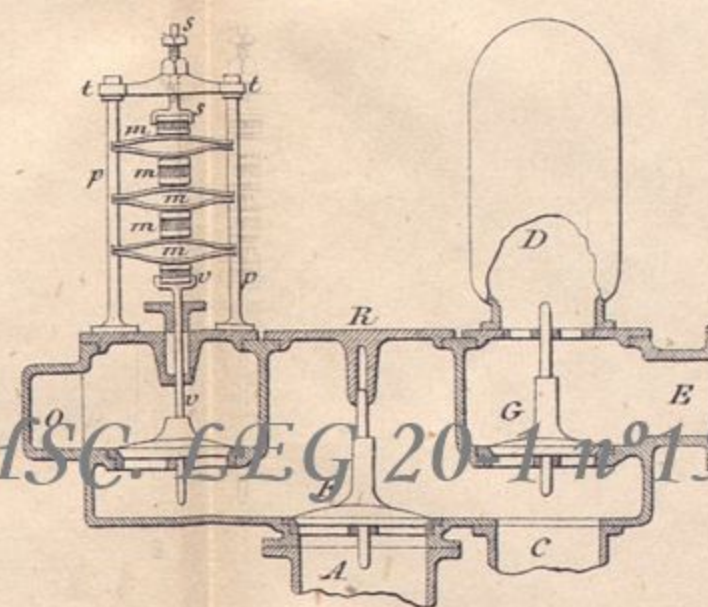


Fig. 106.

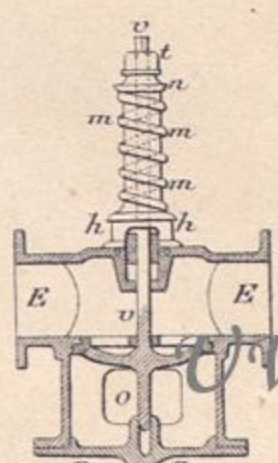
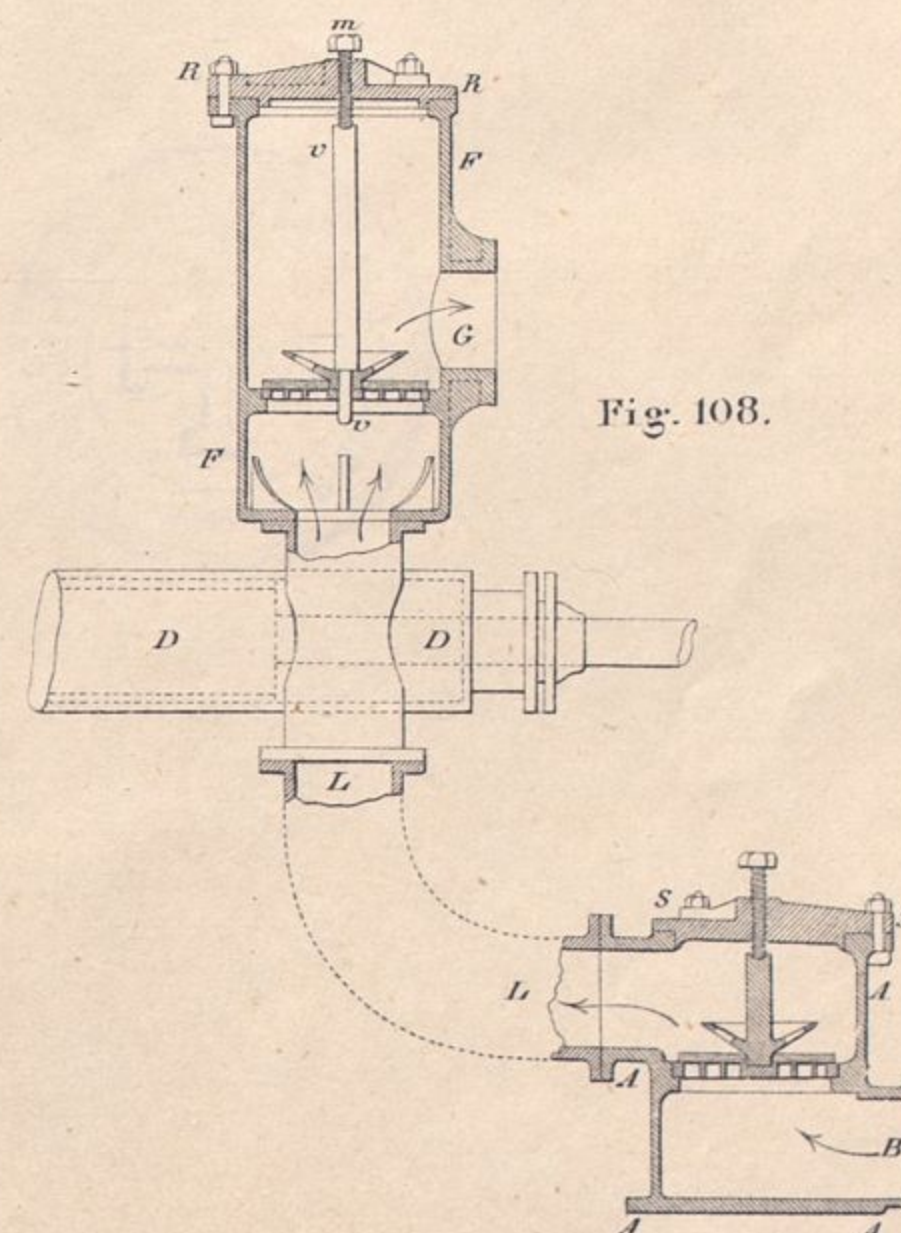
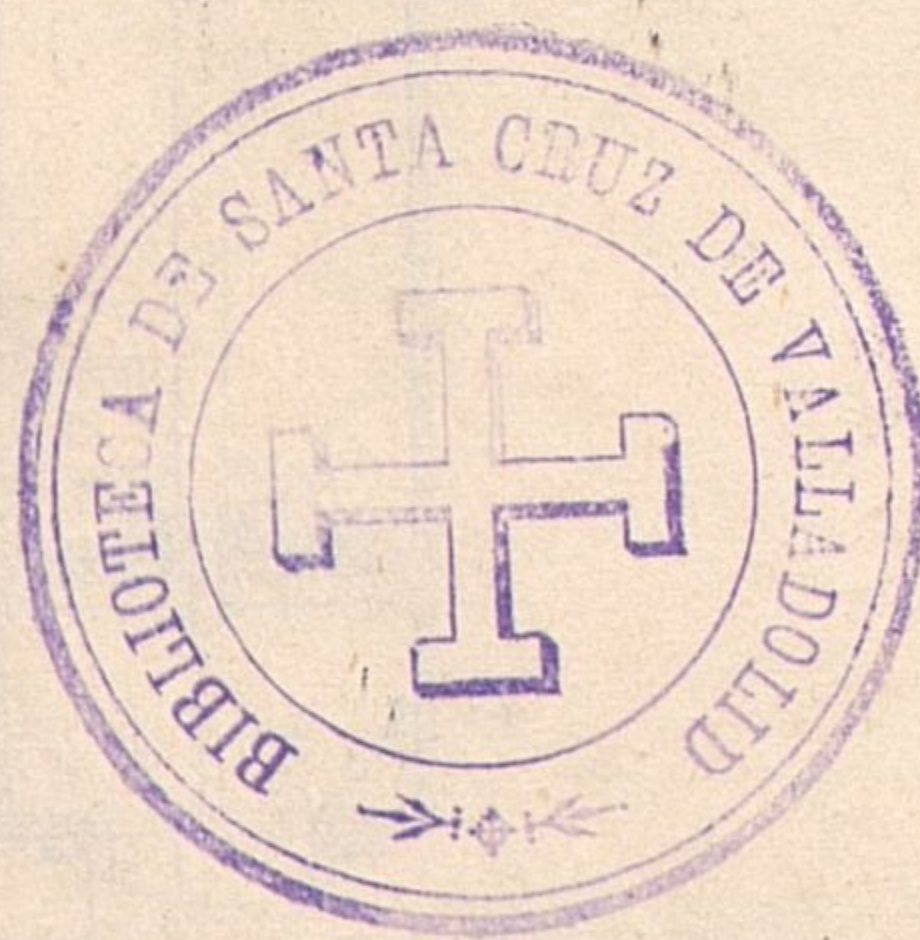


Fig. 108.





UVA. BHSC. LEG 20-1 n°1560

Fig.109.

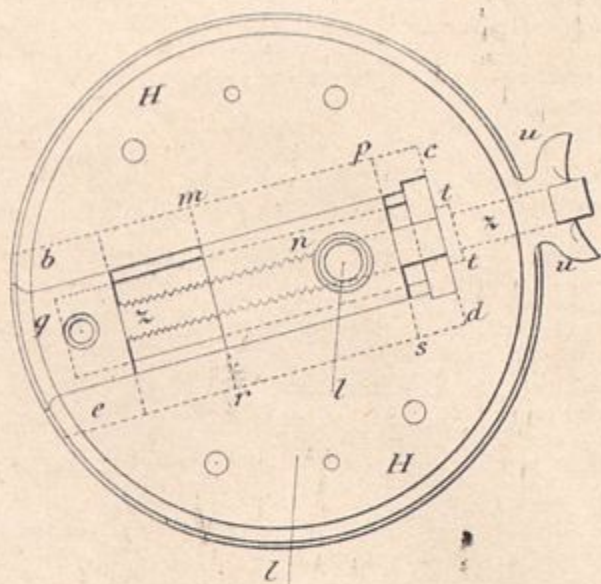


Fig.110.

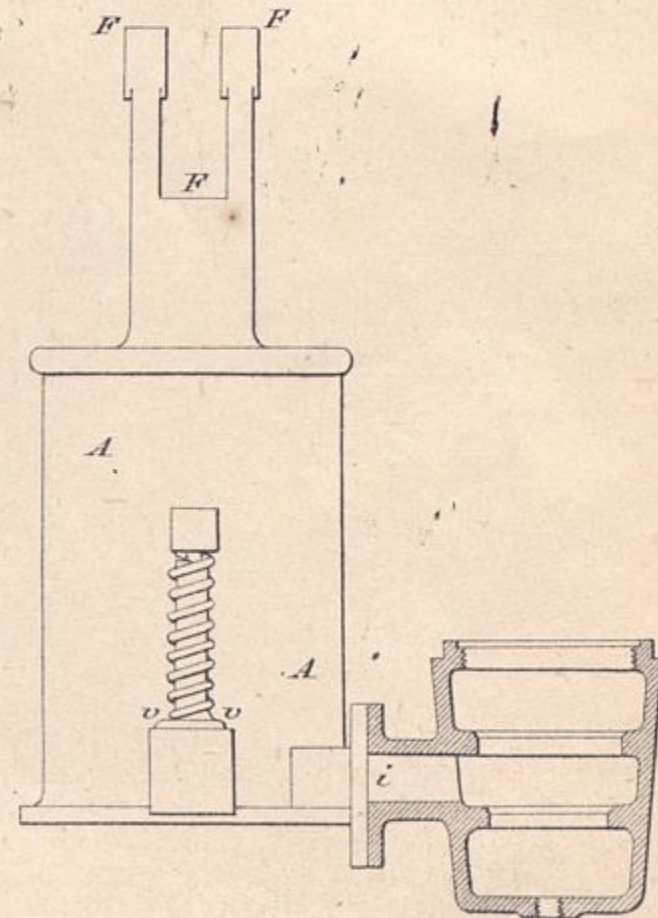
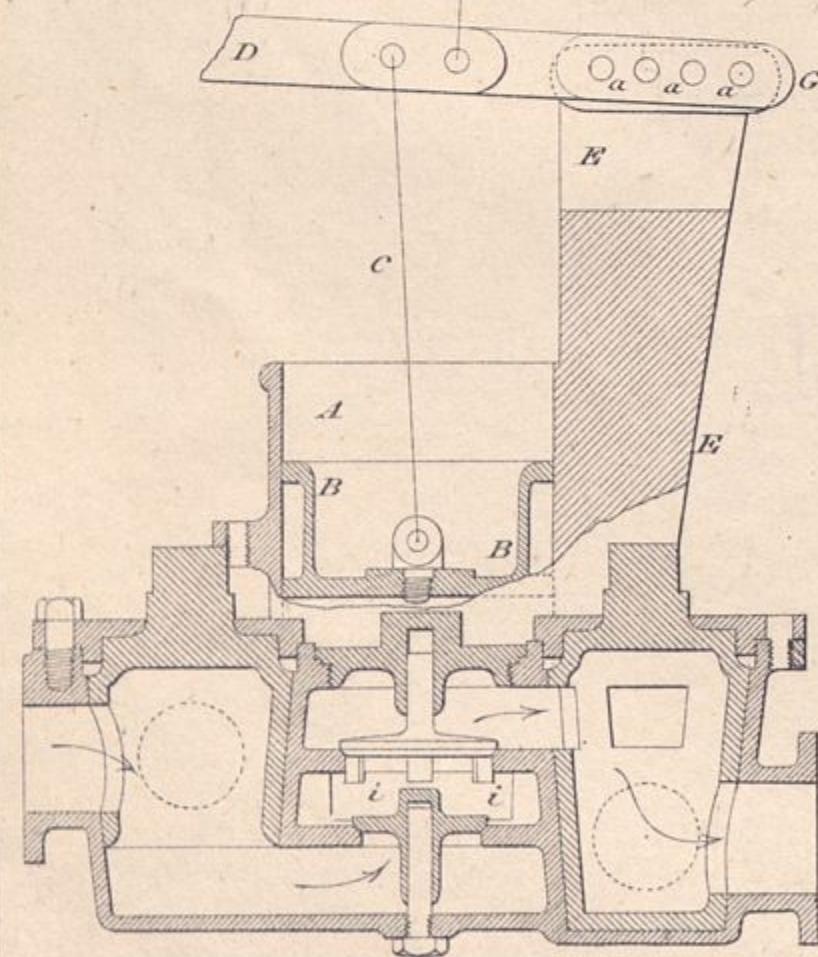
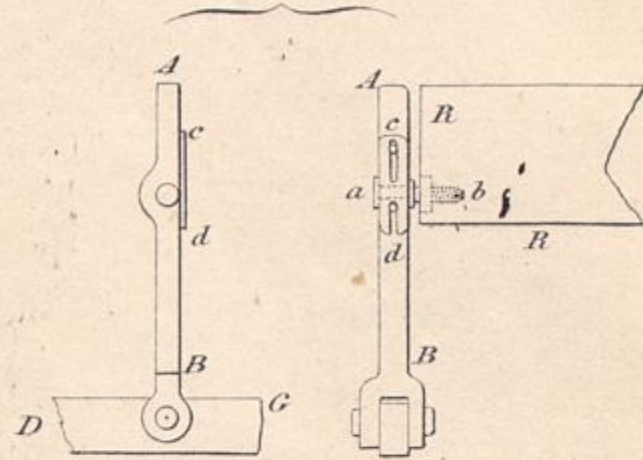
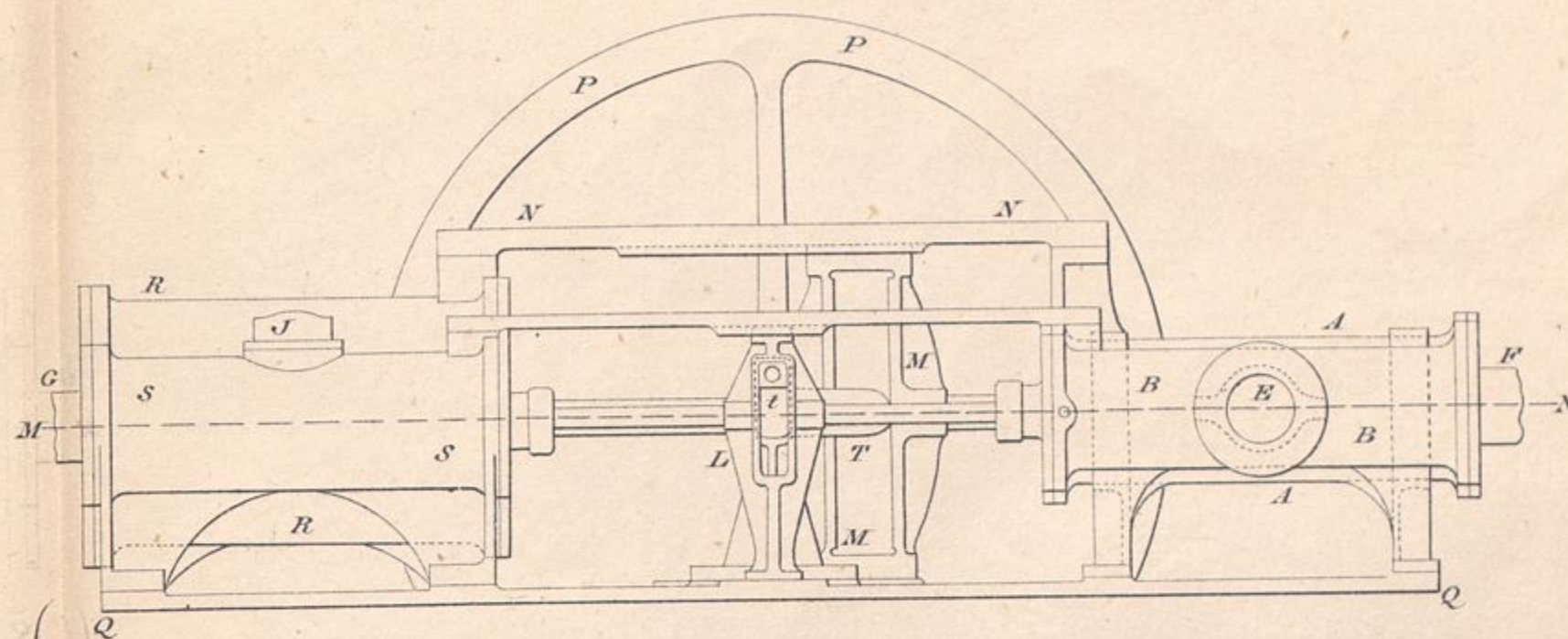


Fig.111.



Sección MN.

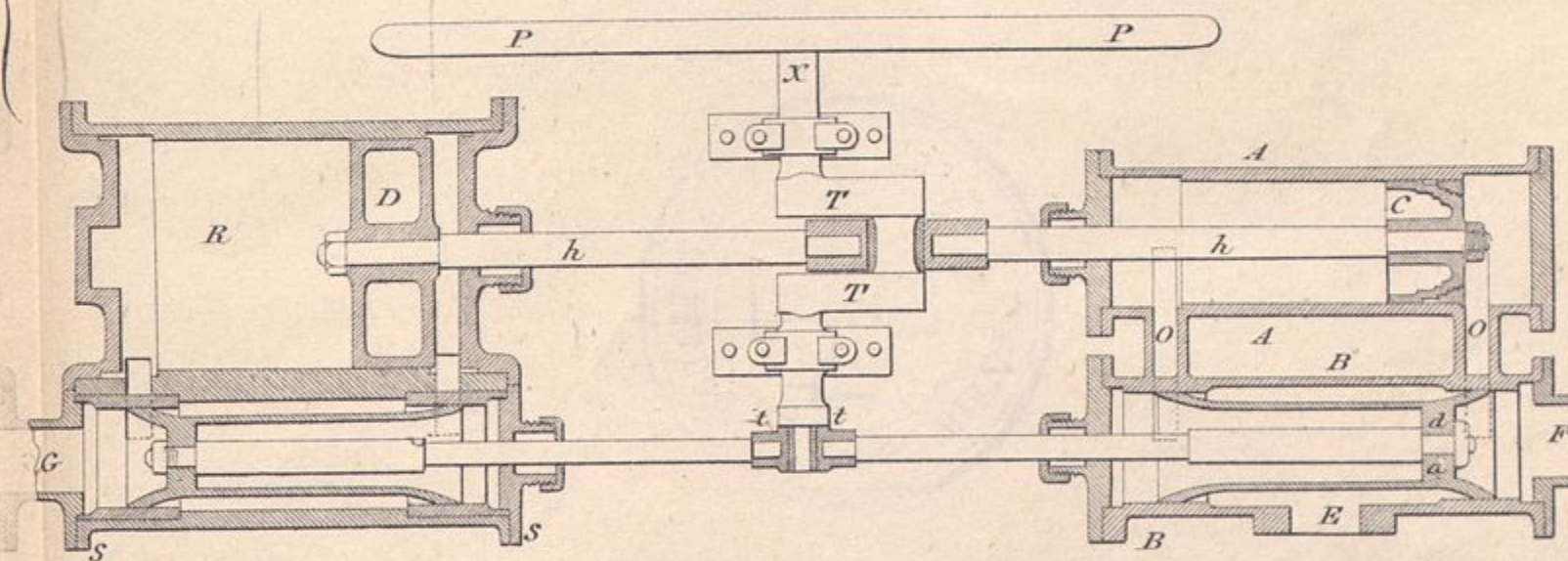


Fig.112.

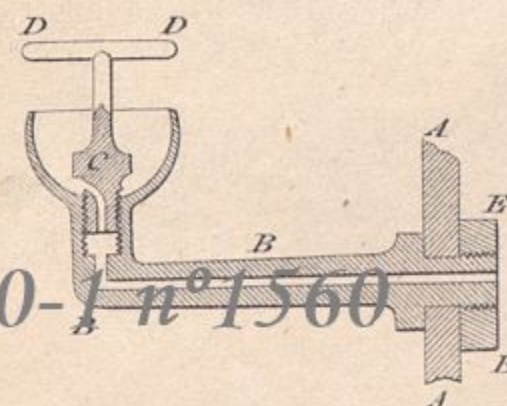
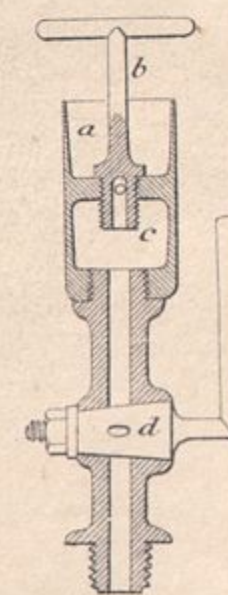
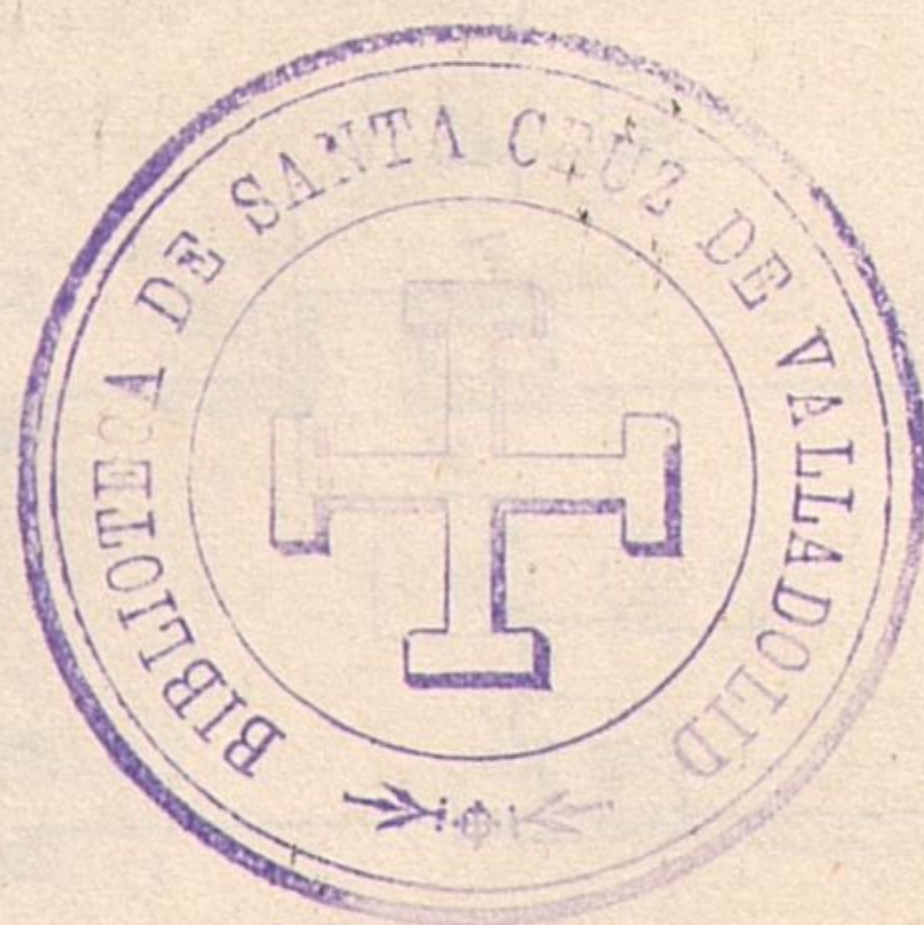


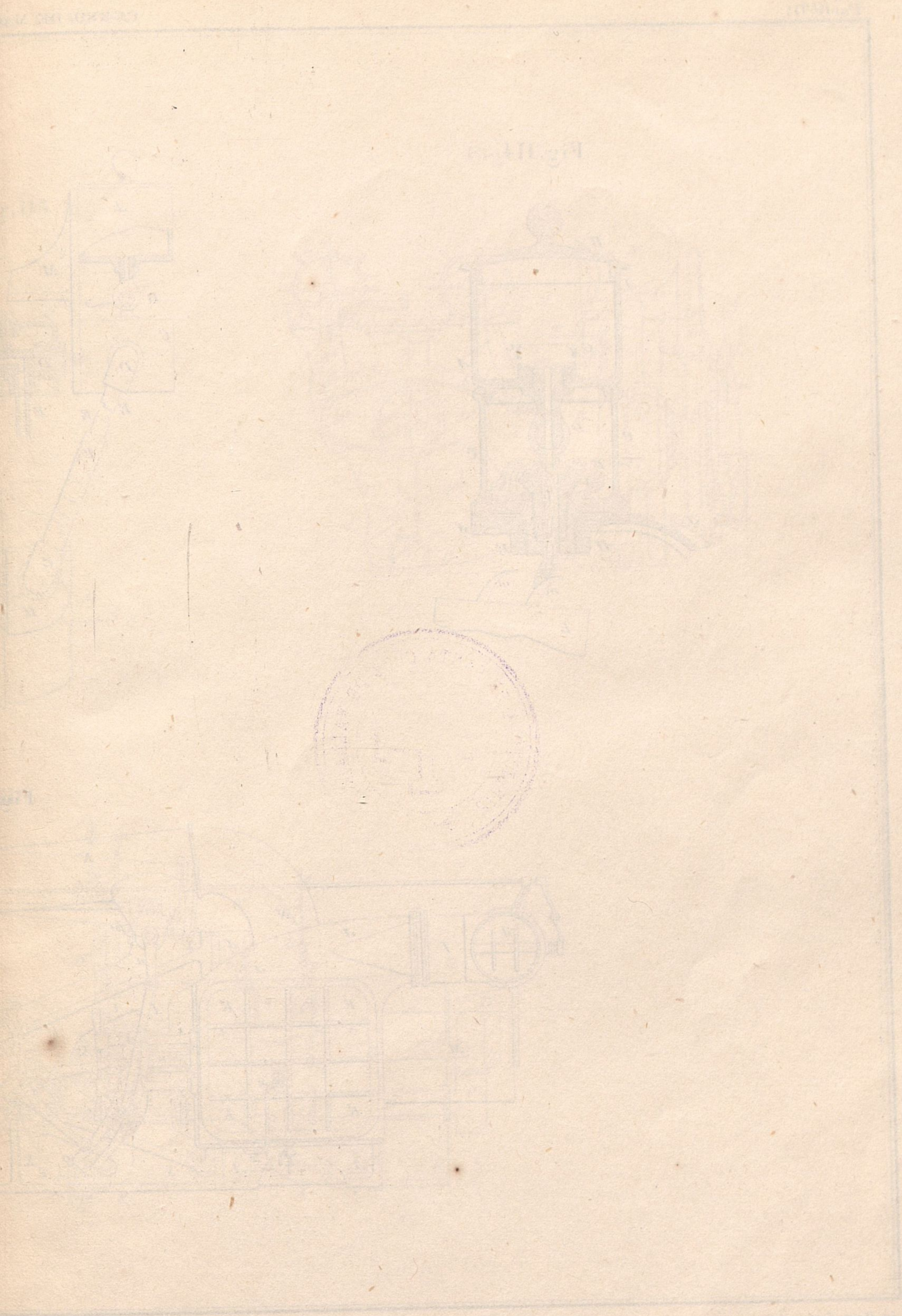
Fig.113.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

Fig. 114.

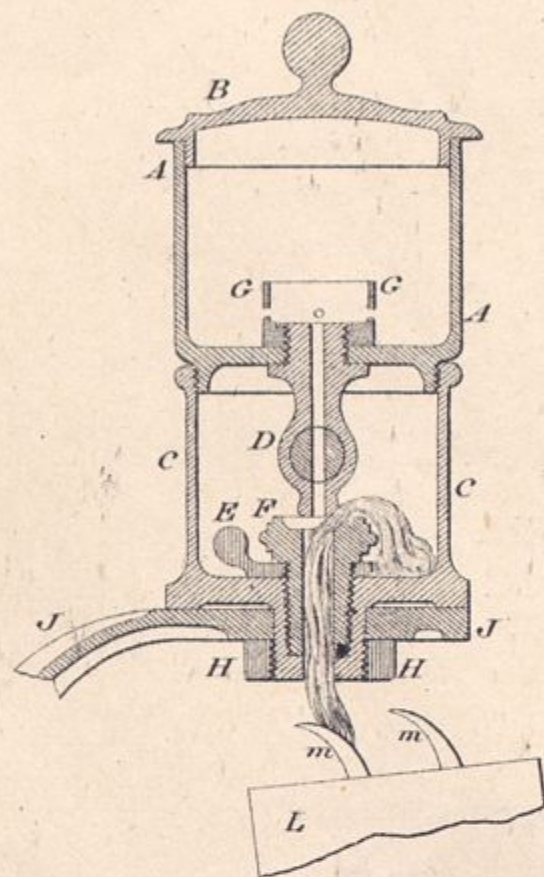


Fig. 115.

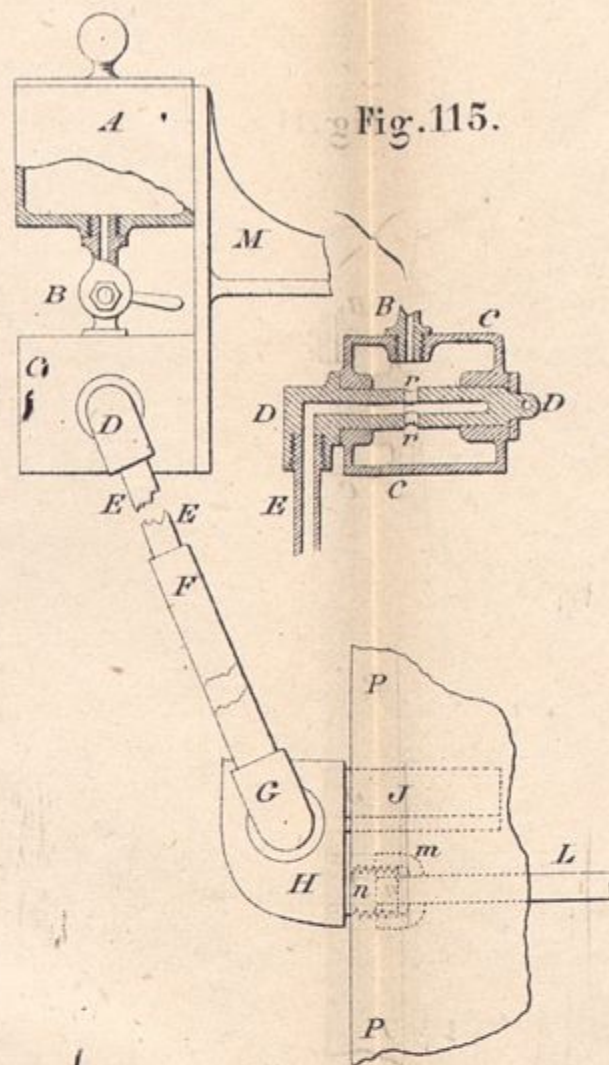


Fig. 117.

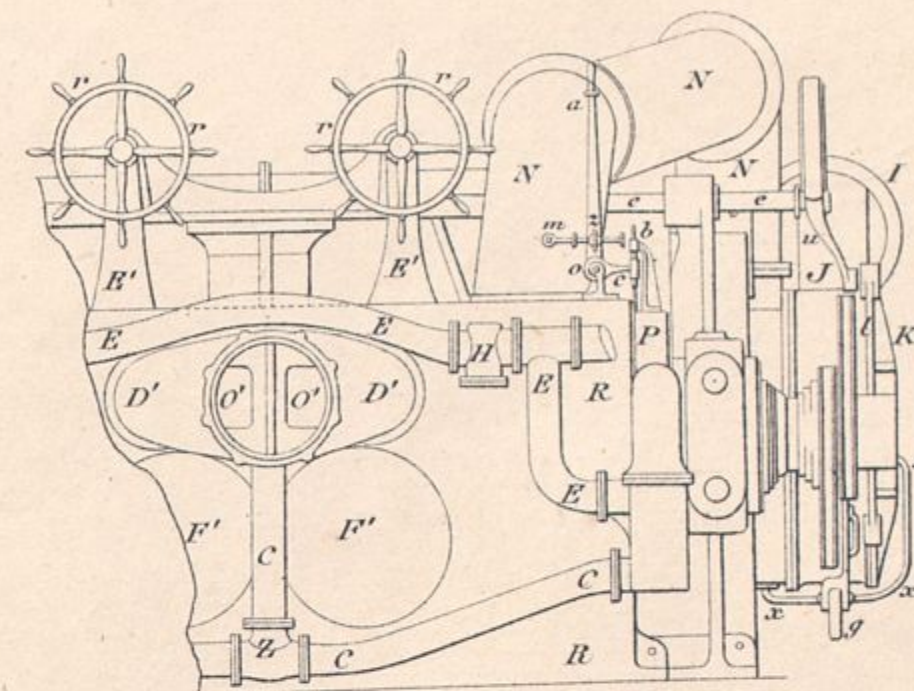
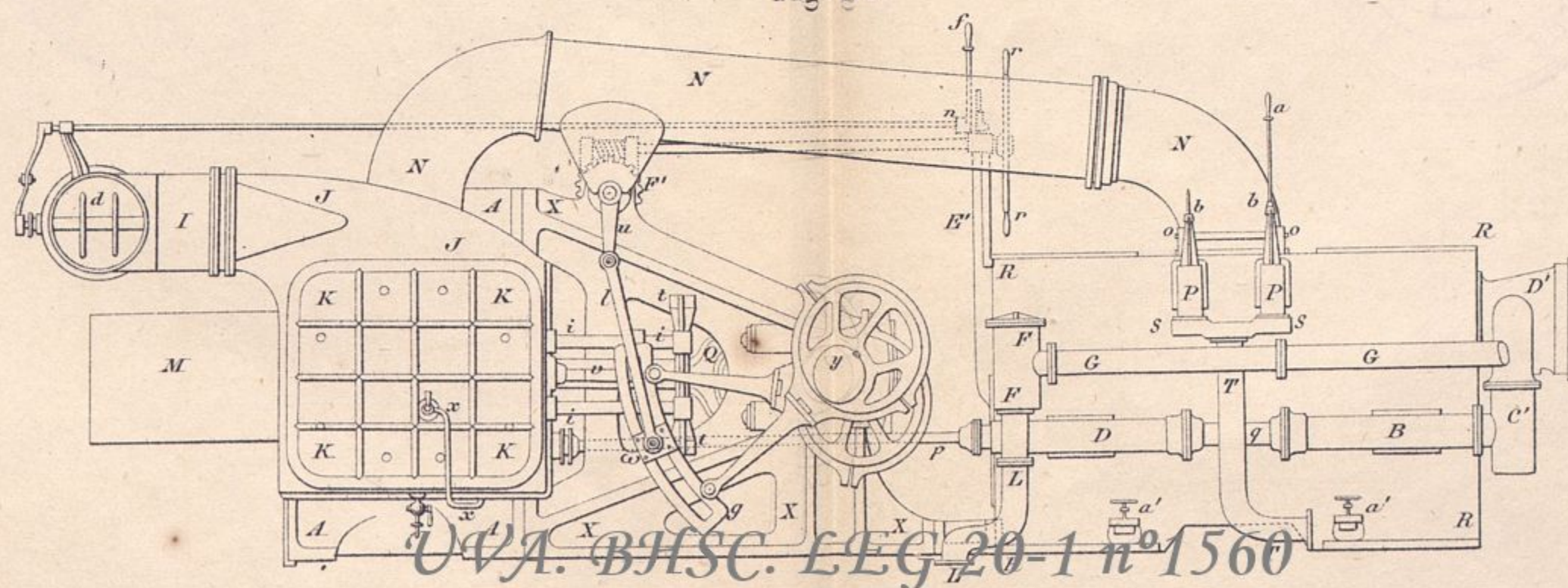
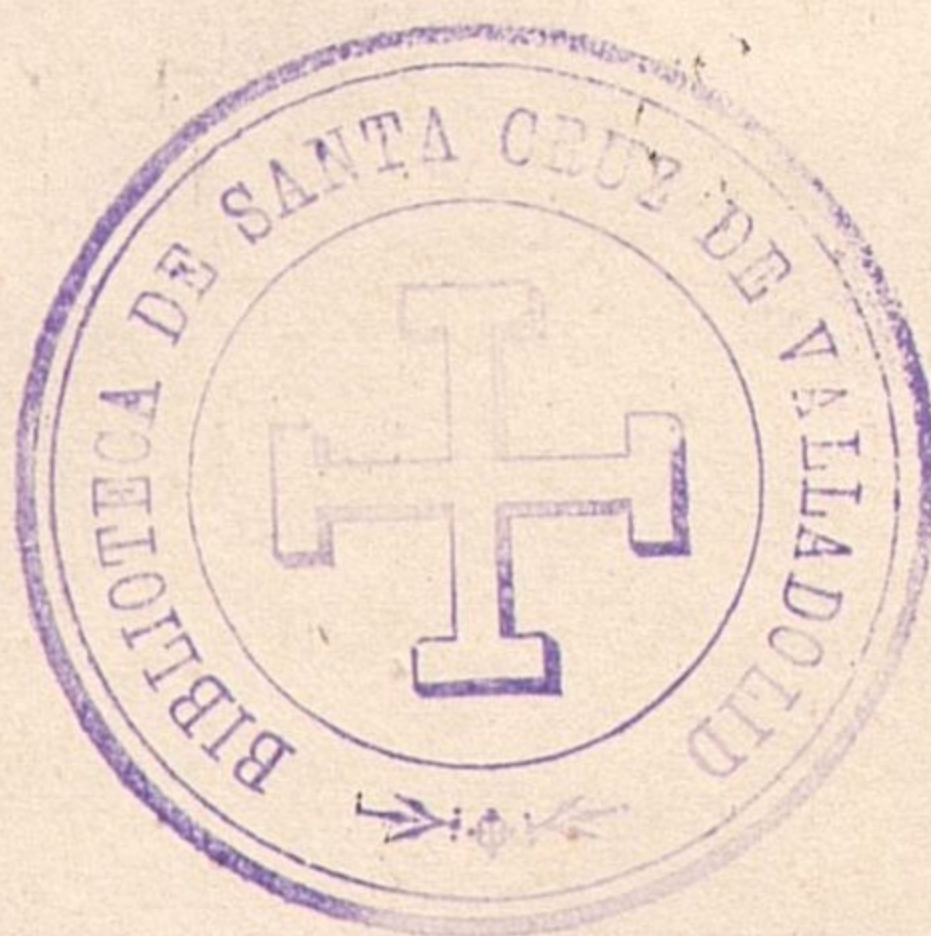


Fig. 116.





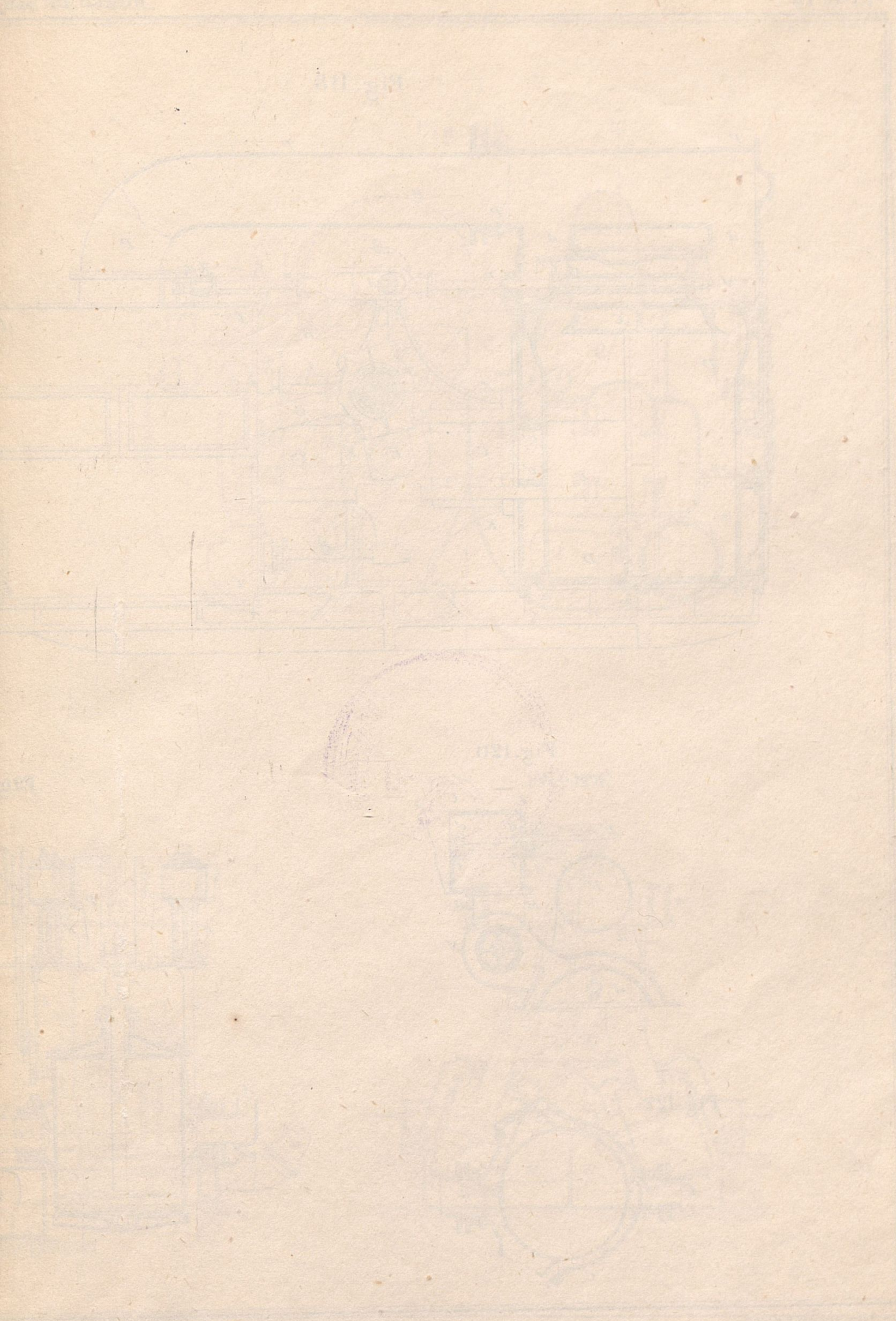


Fig. 118.

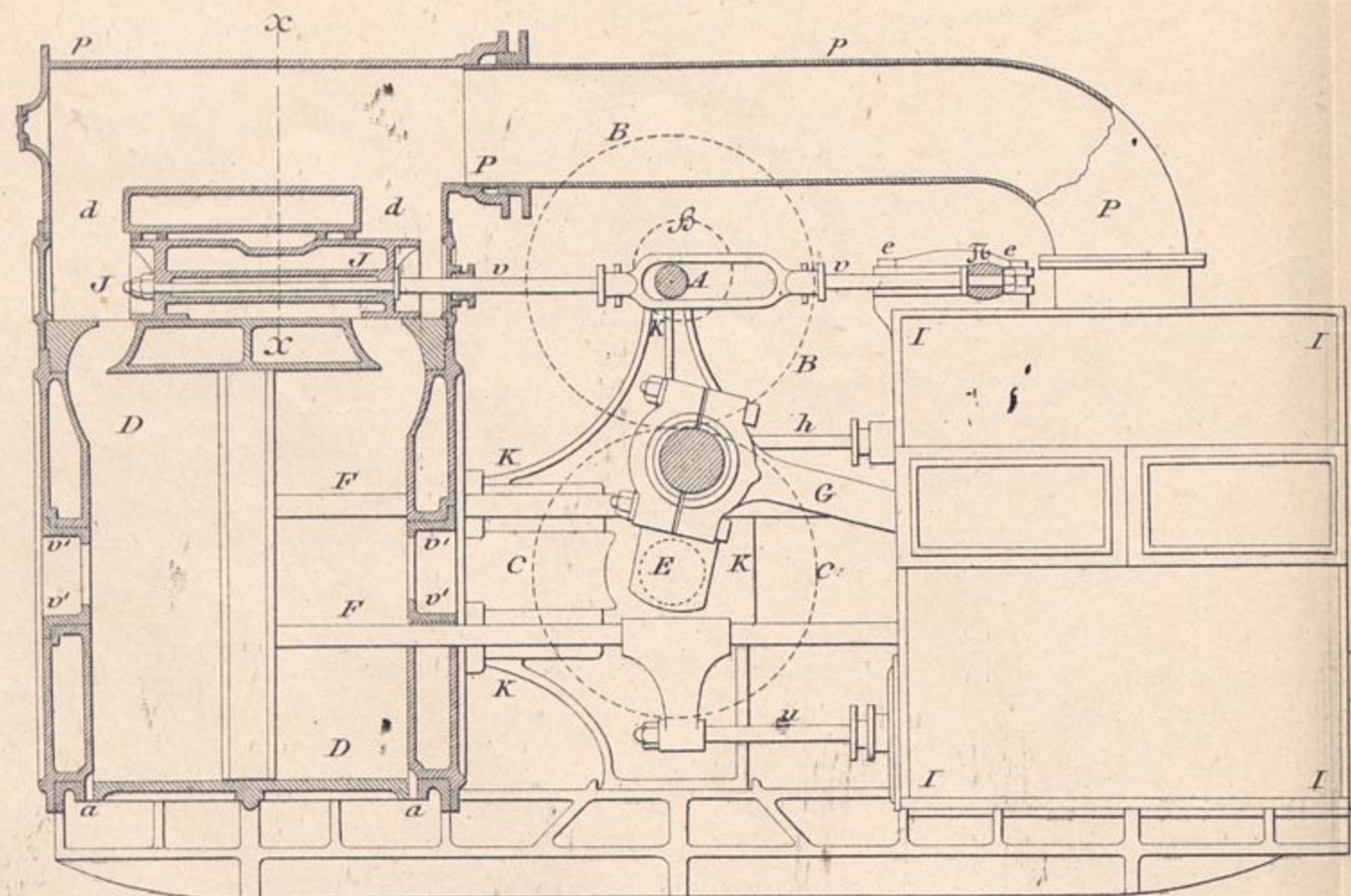


Fig. 119.

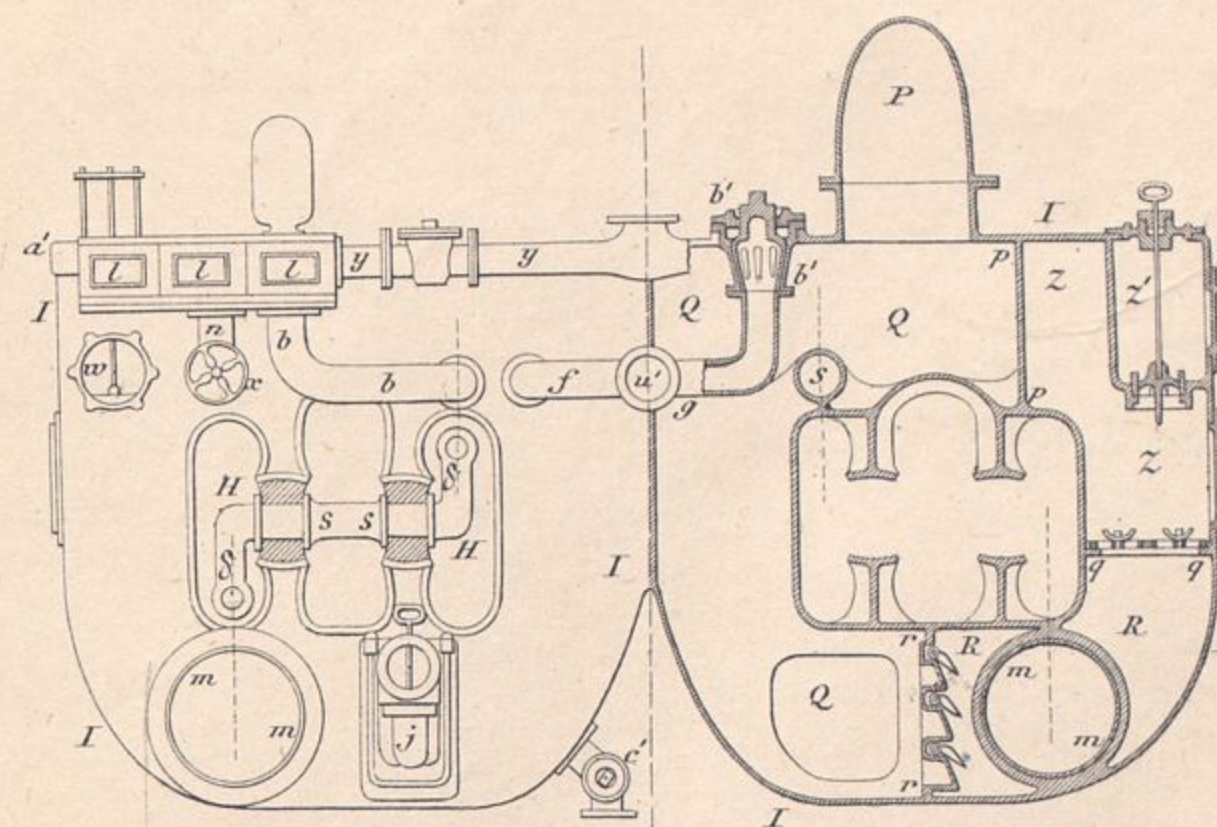


Fig. 120.

Corte X.X

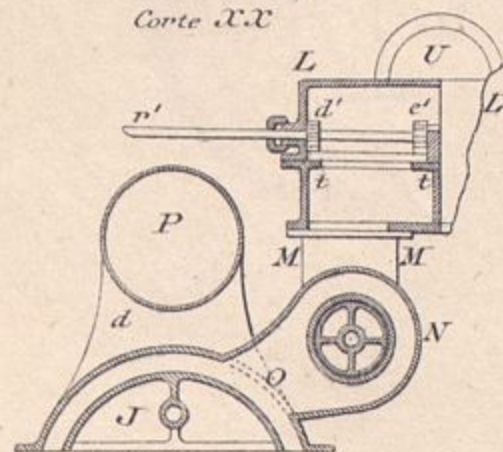


Fig. 121.

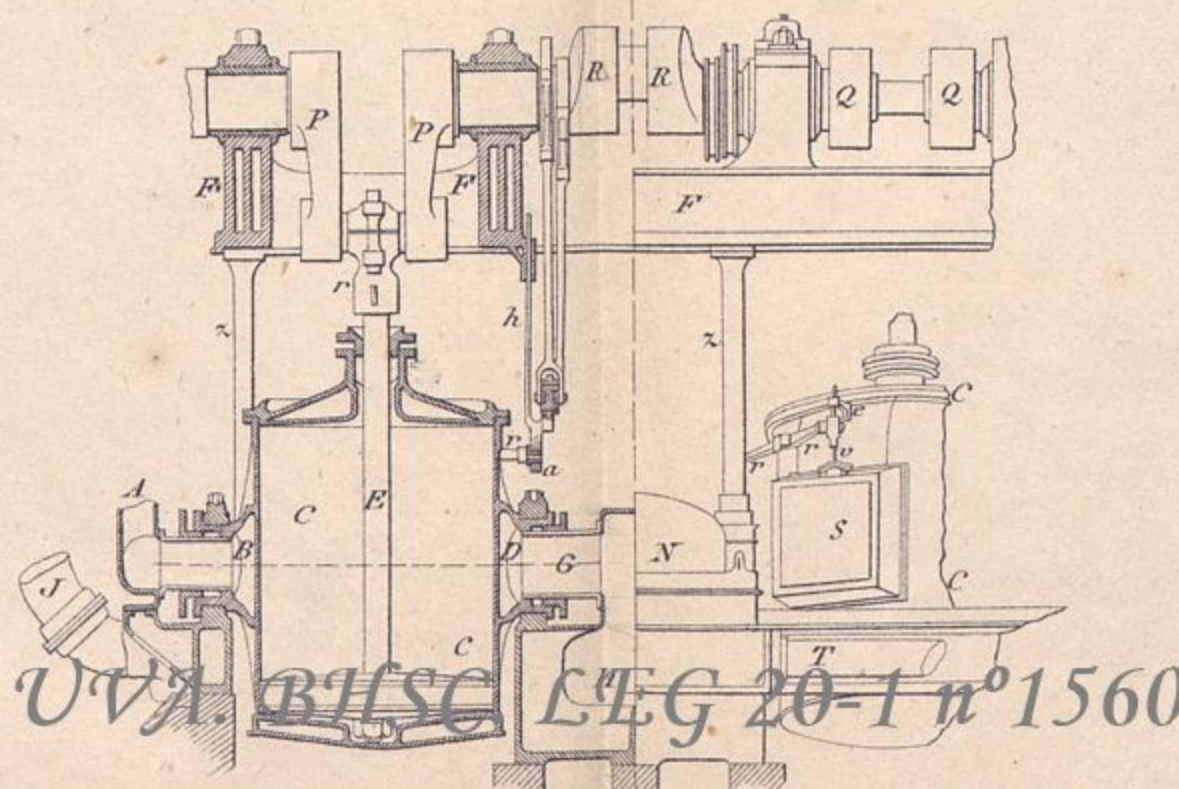


Fig. 123.

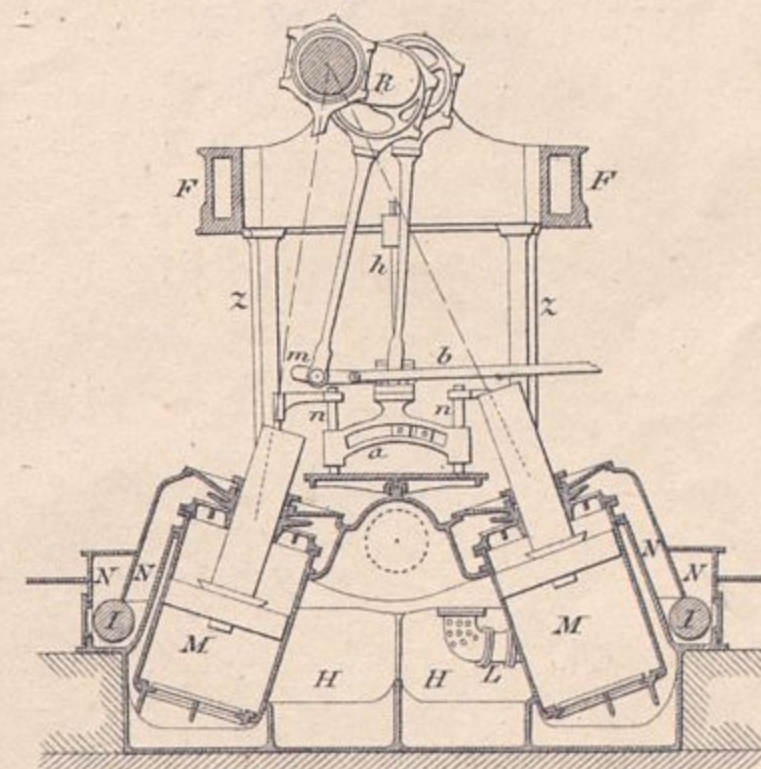
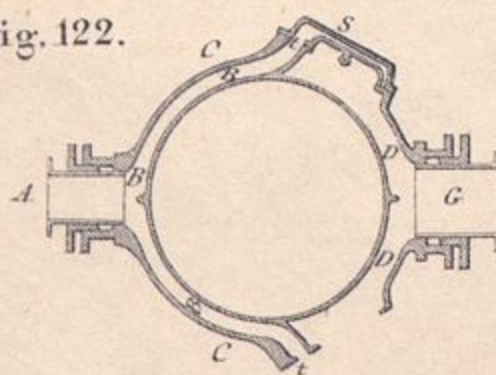
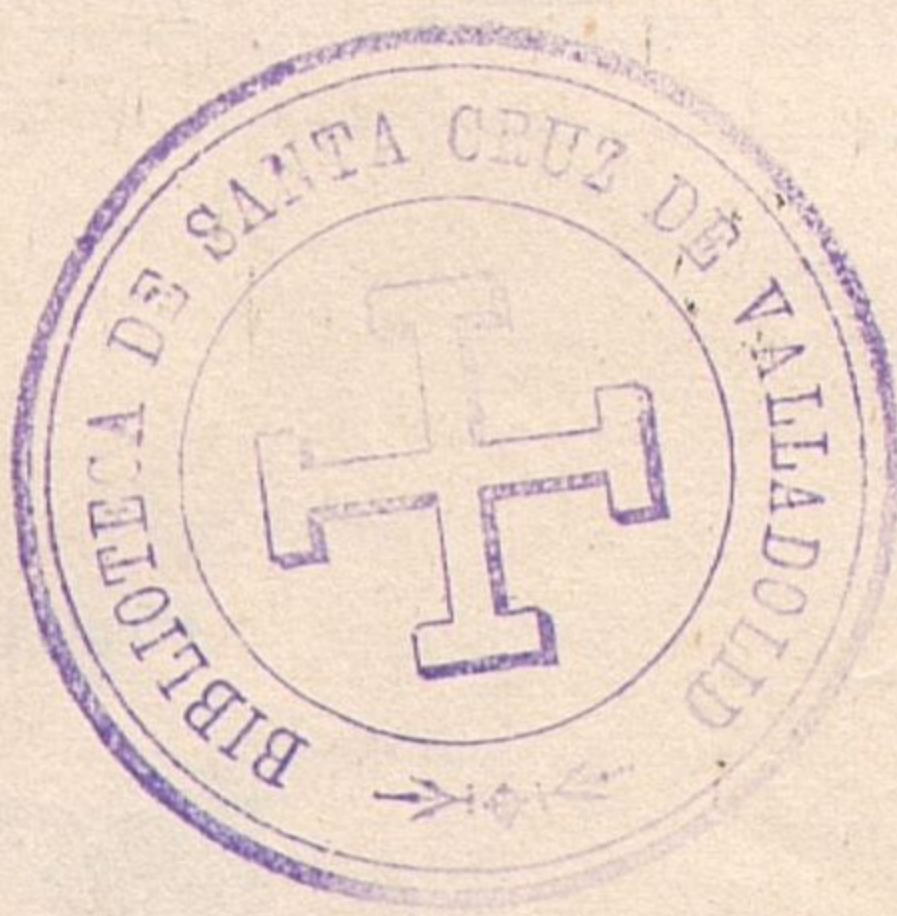


Fig. 122.





18-11-1917

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Fig. 124.

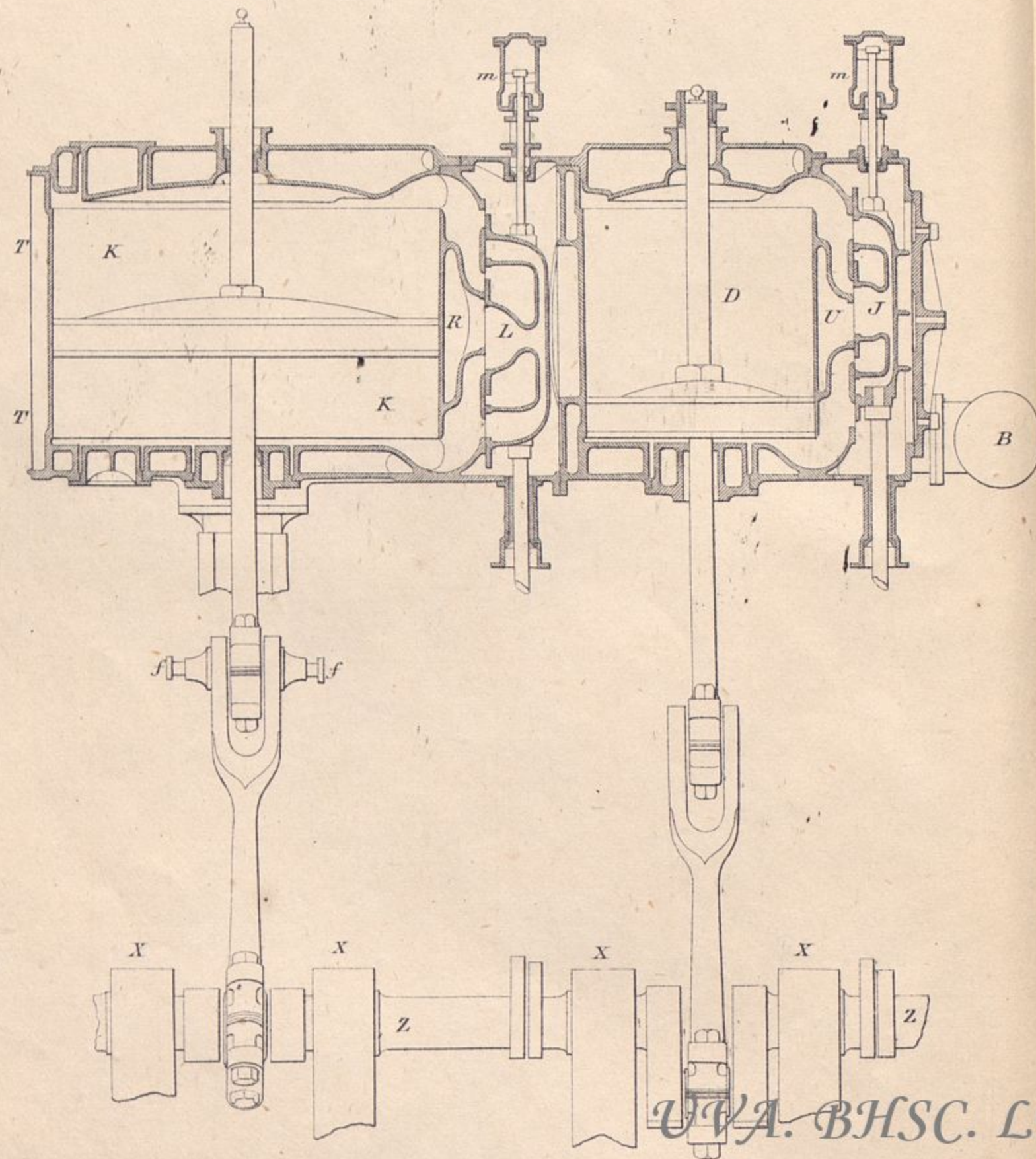
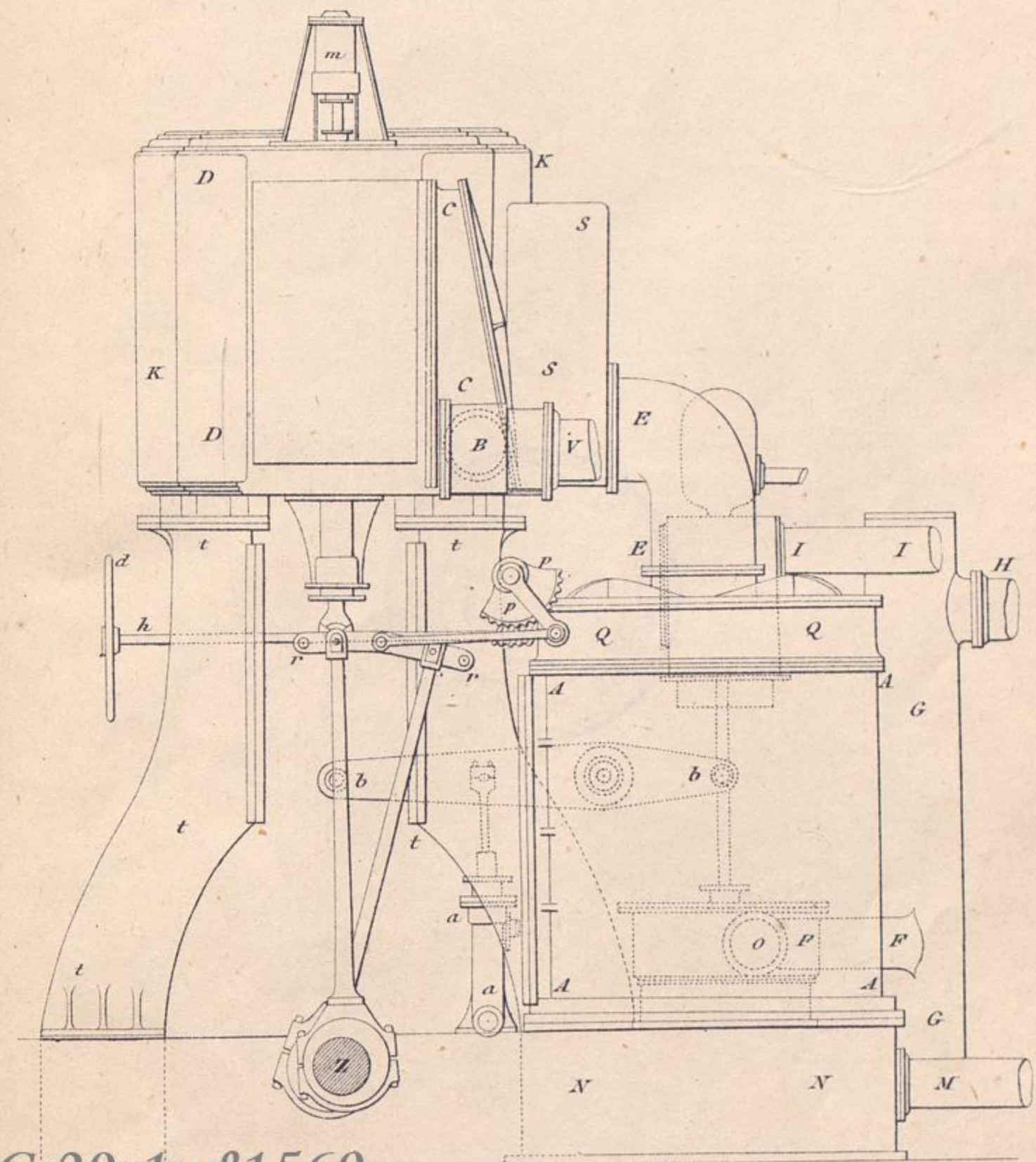
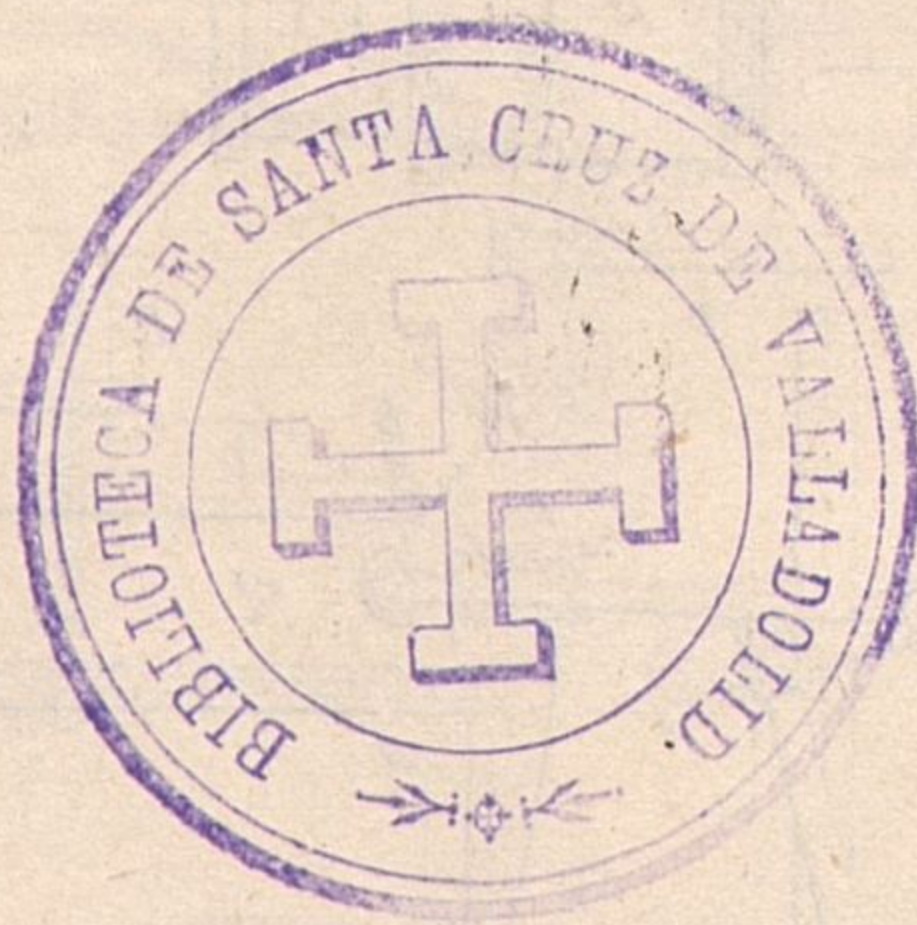


Fig. 125.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 nº1560

Fig. 128

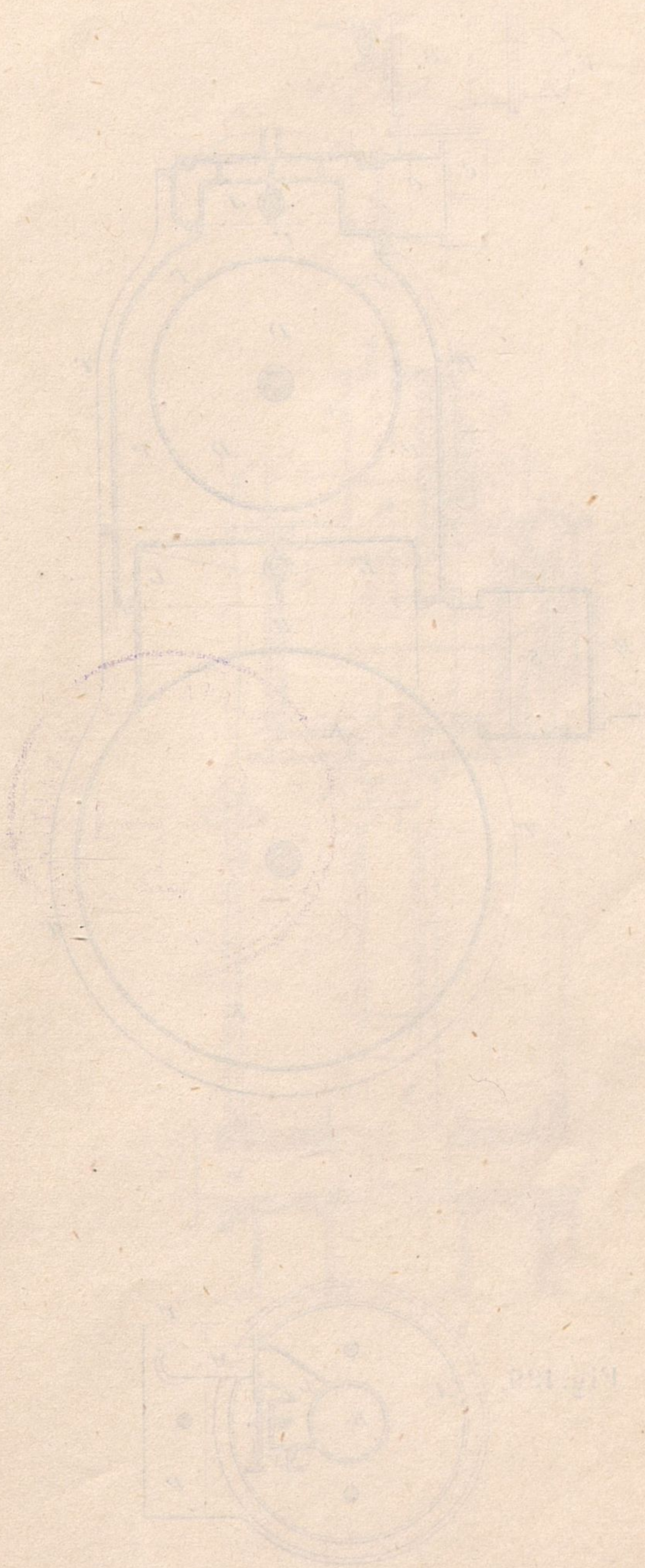


Fig. 128

Fig. 126.

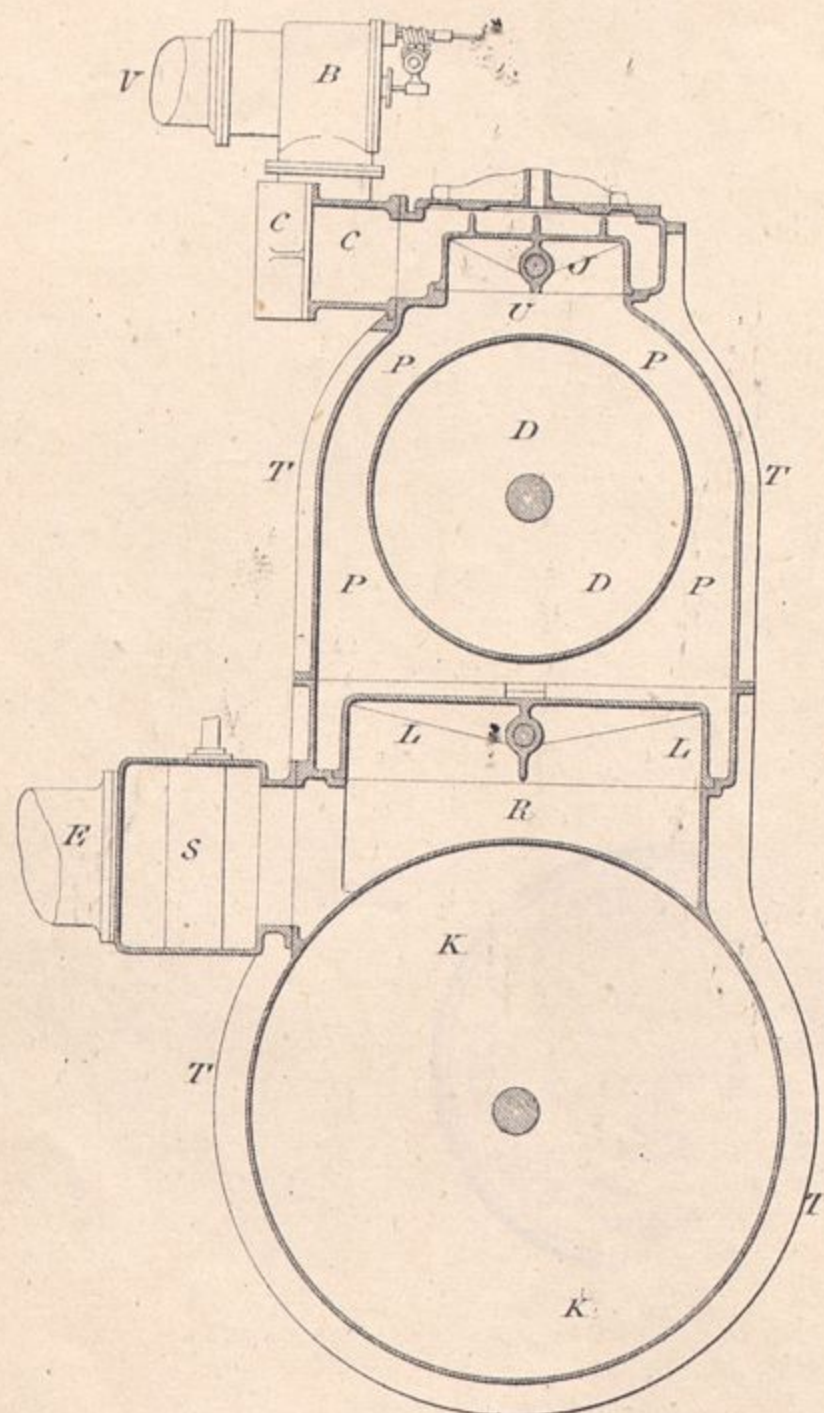


Fig. 129.

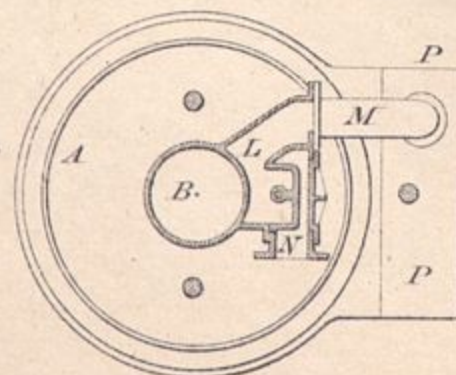


Fig. 127.

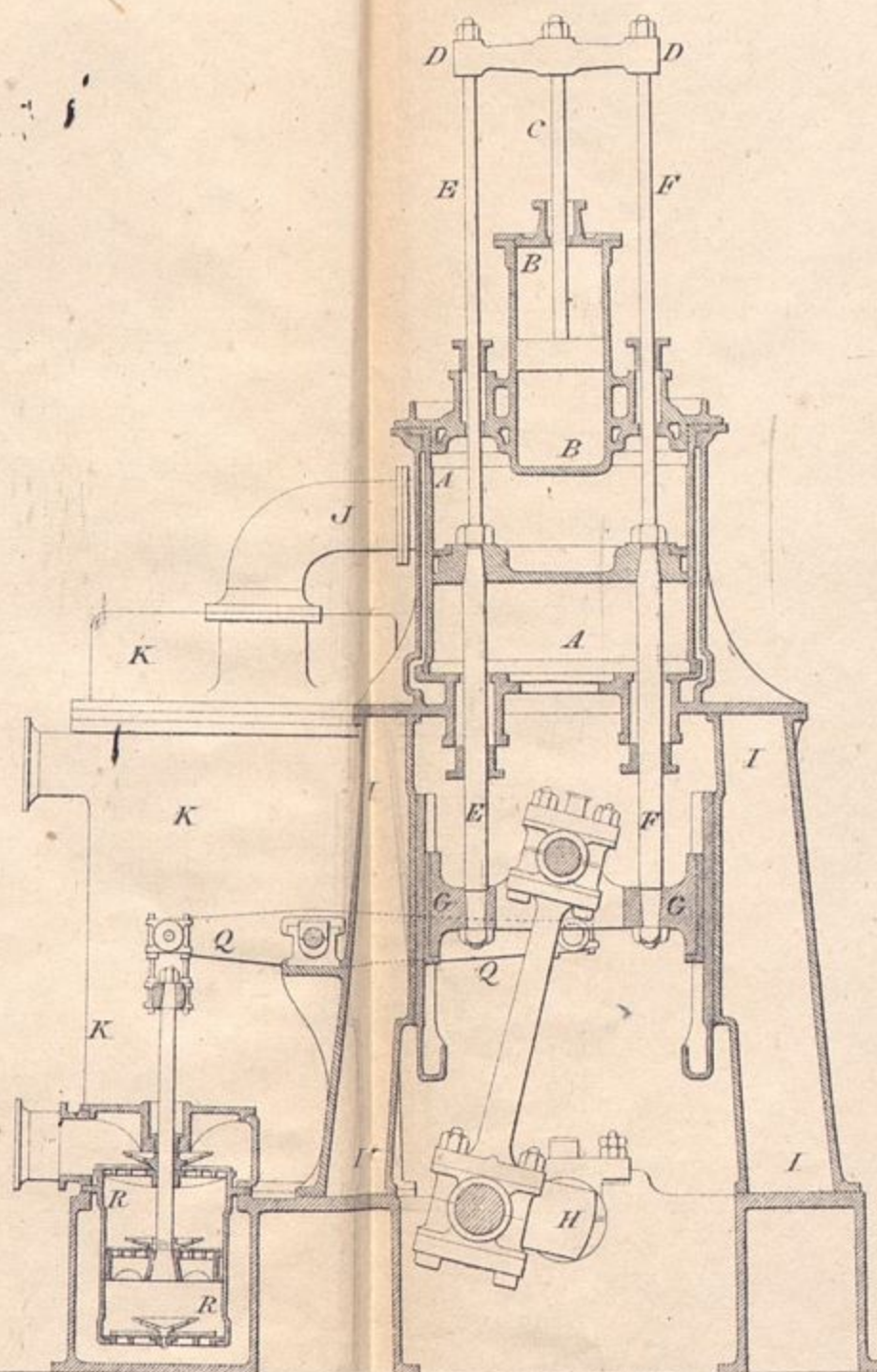
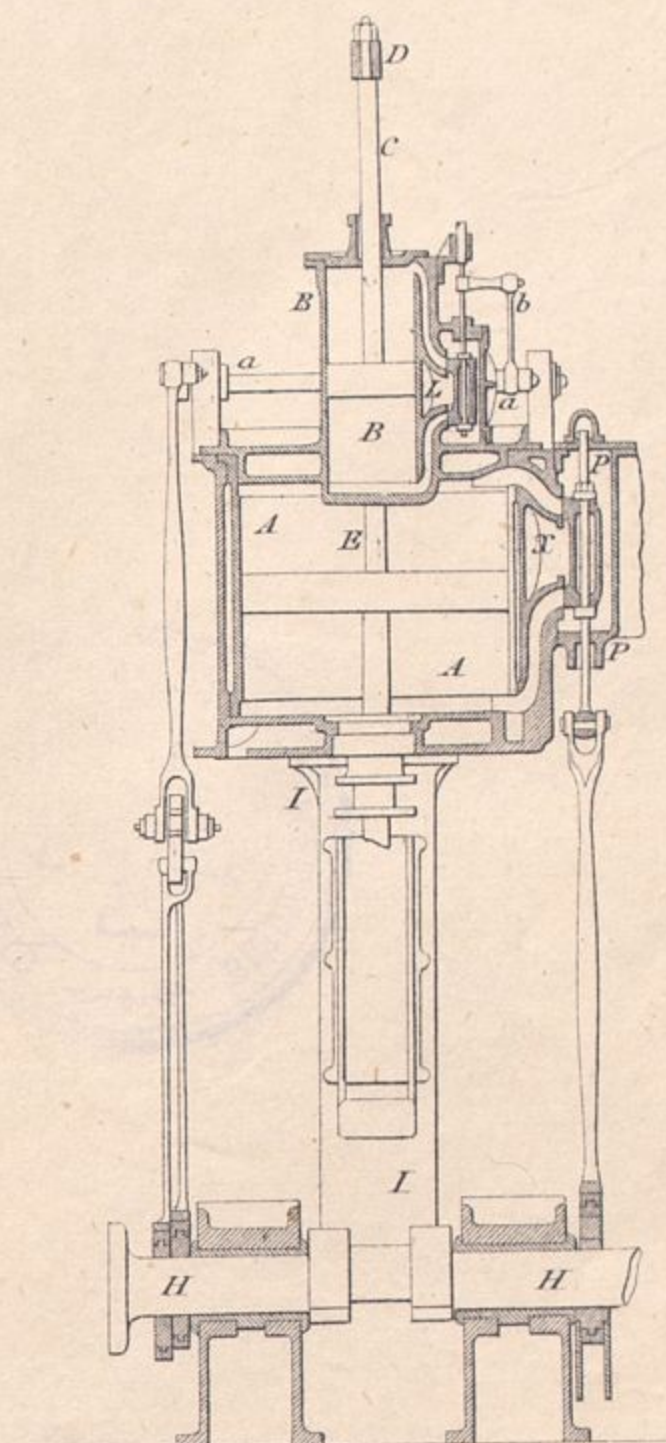
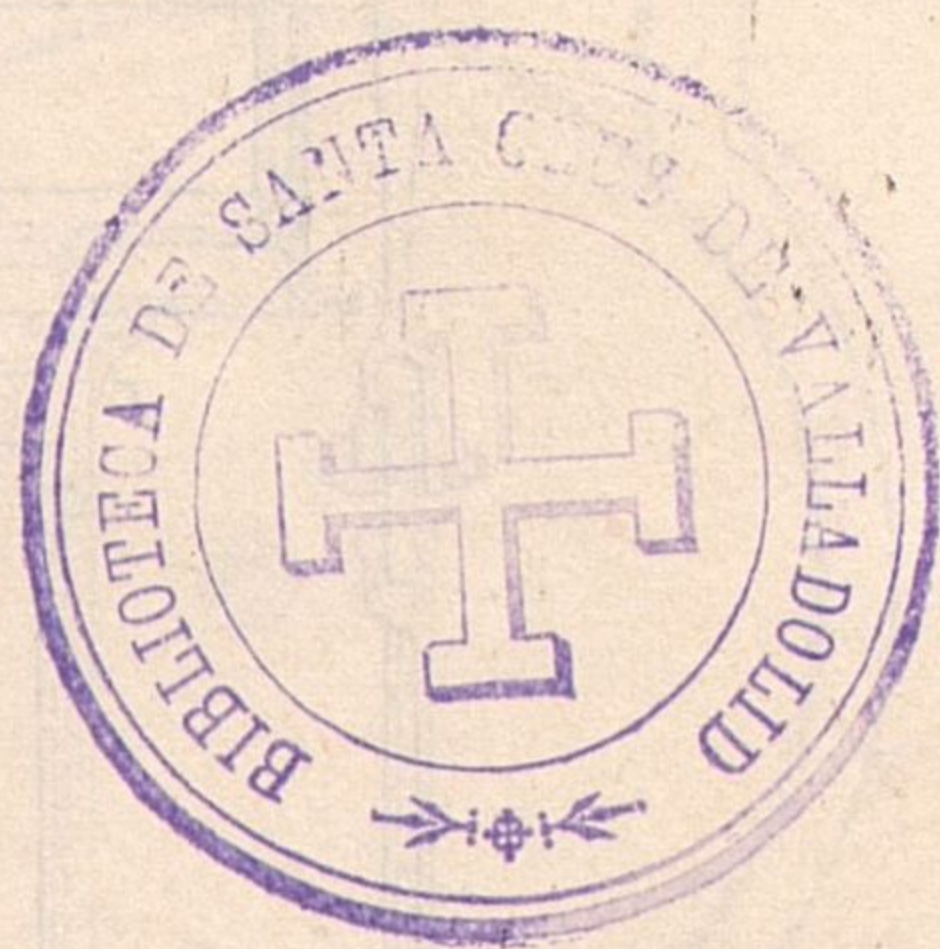


Fig. 128.



UVA. BHSC. LEG 20-1 n°1560



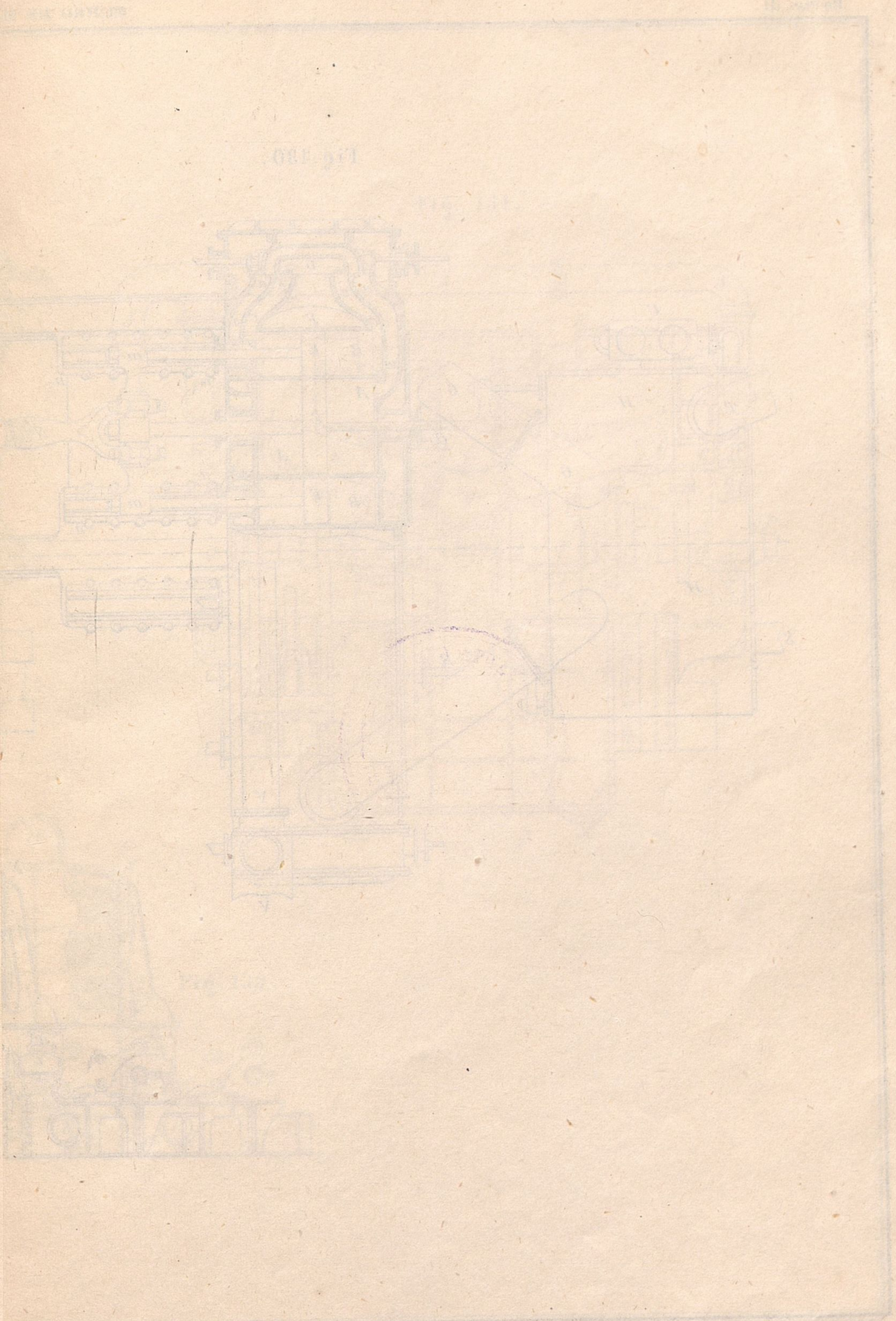


Fig. 130.

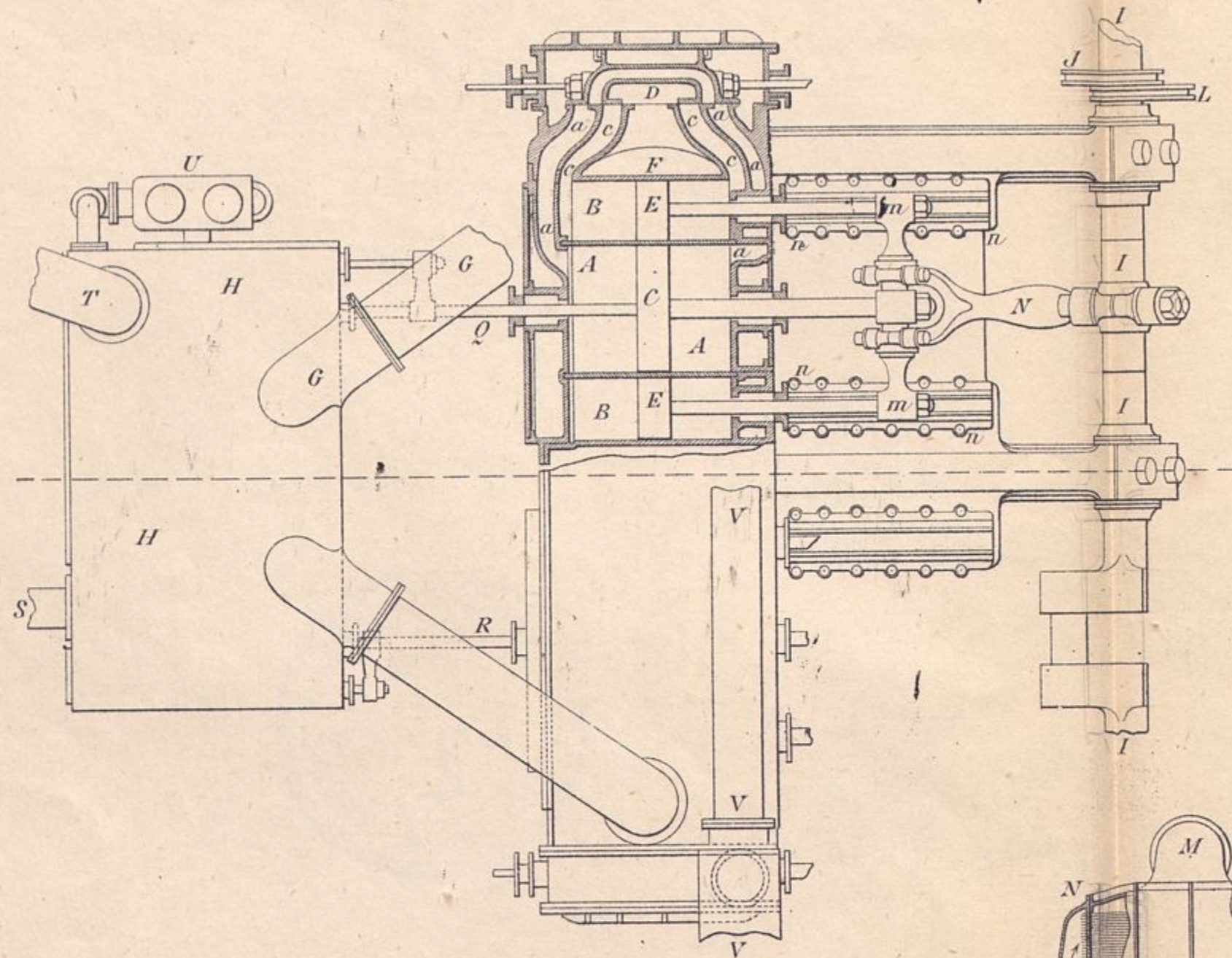


Fig. 131.

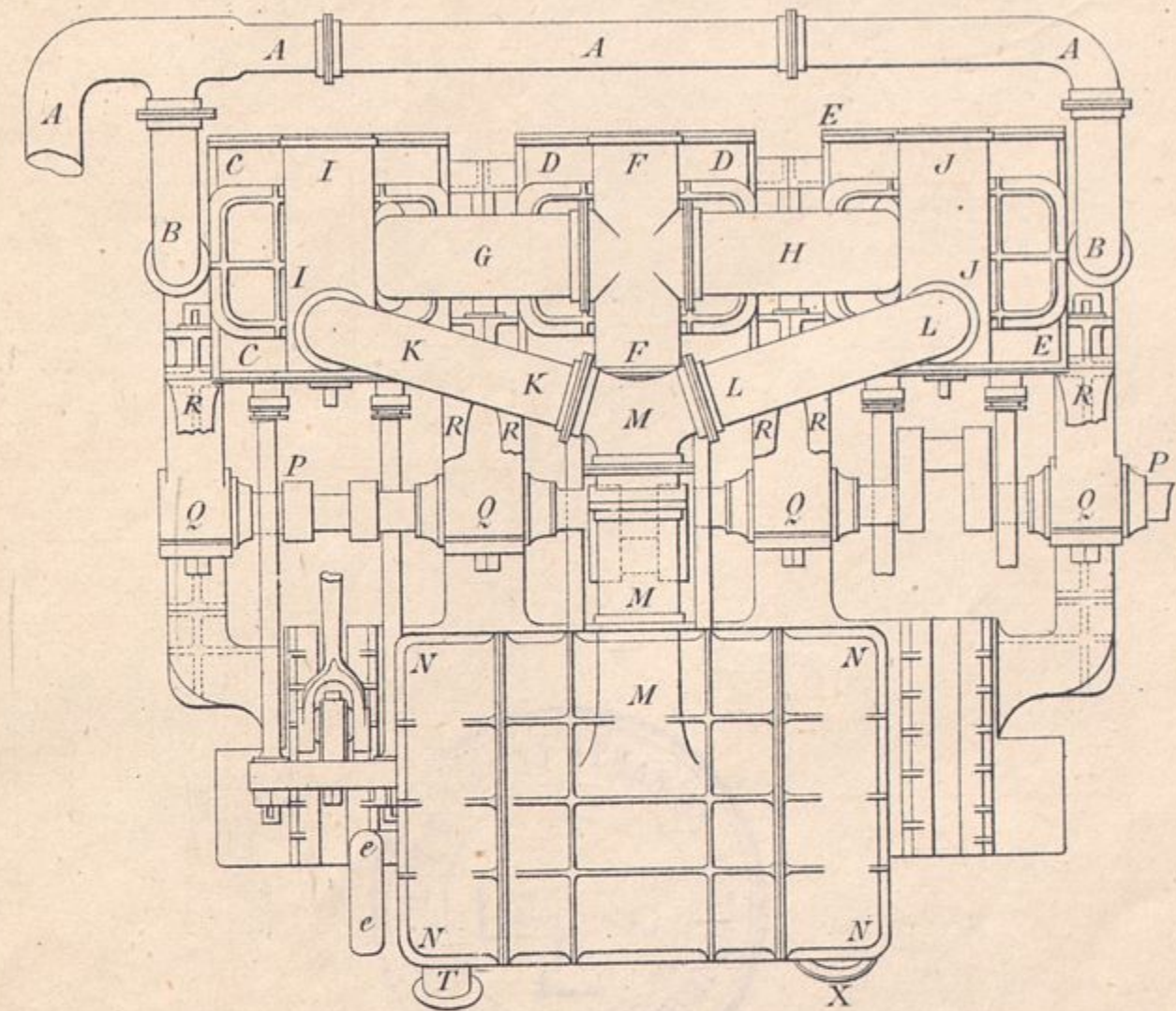
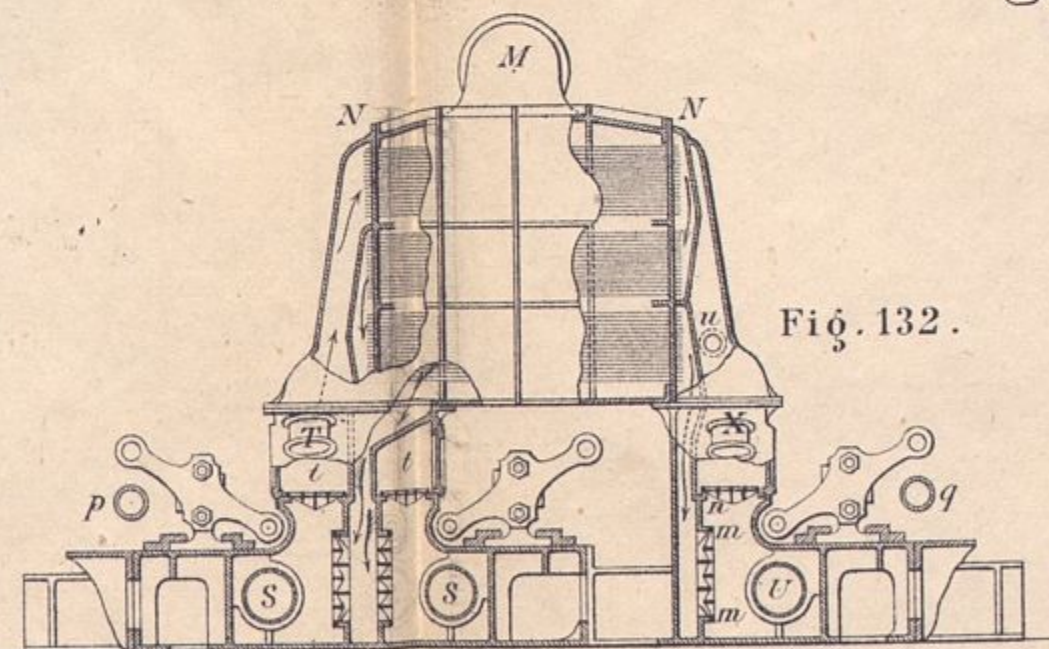


Fig. 132.



UVA. BHSC. LEG 20-1 n°1560



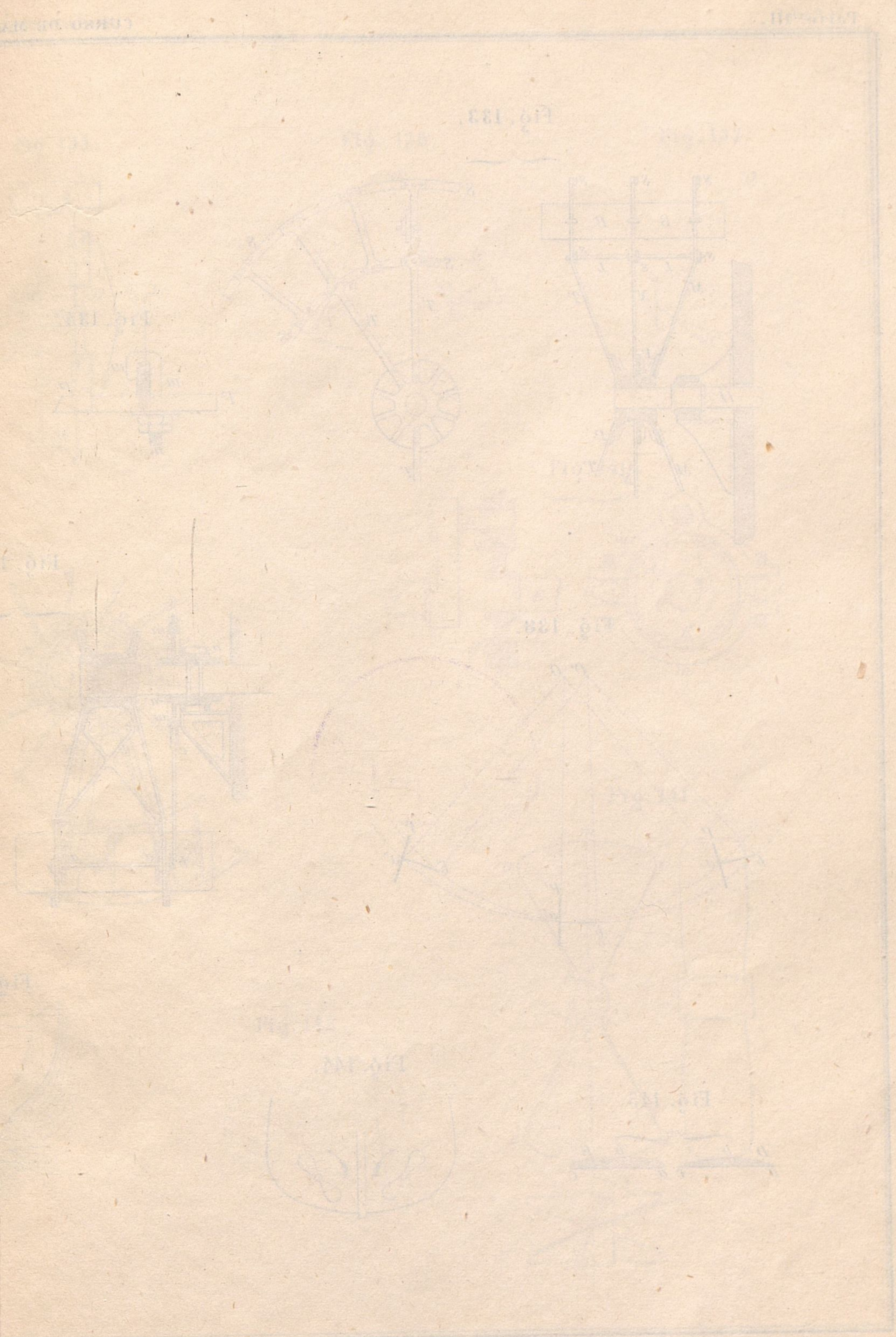


Fig. 133.

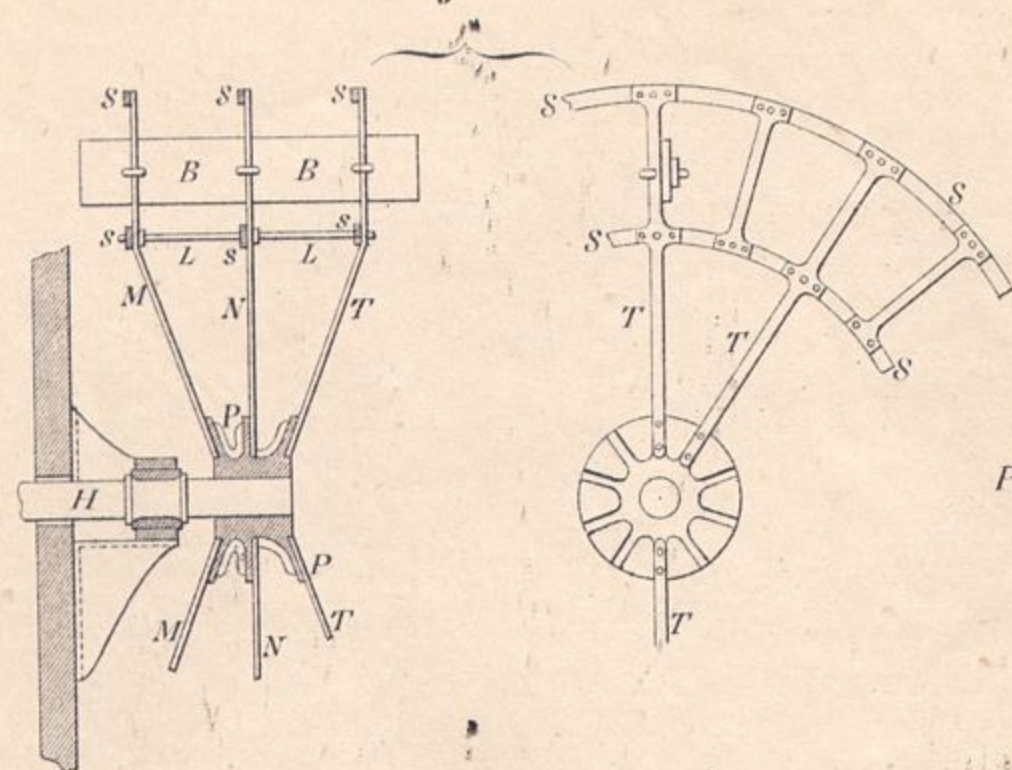


Fig. 134.

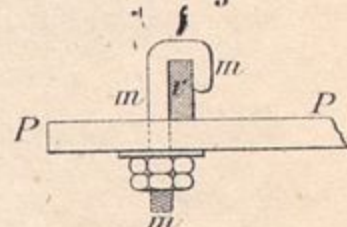


Fig. 135.

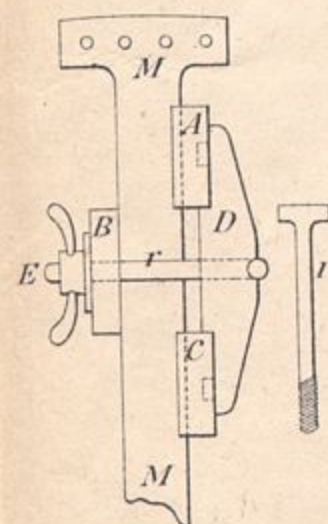


Fig. 136.

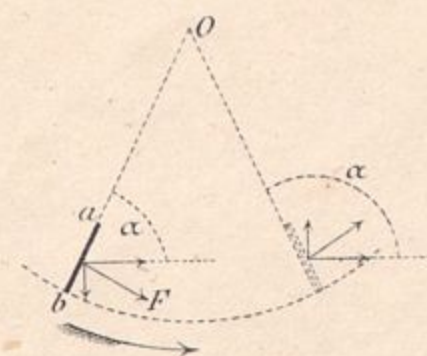


Fig. 137.

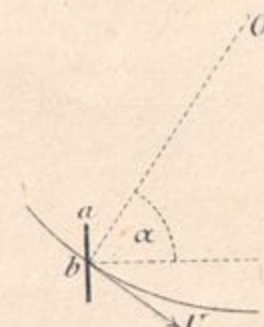


Fig. 138.

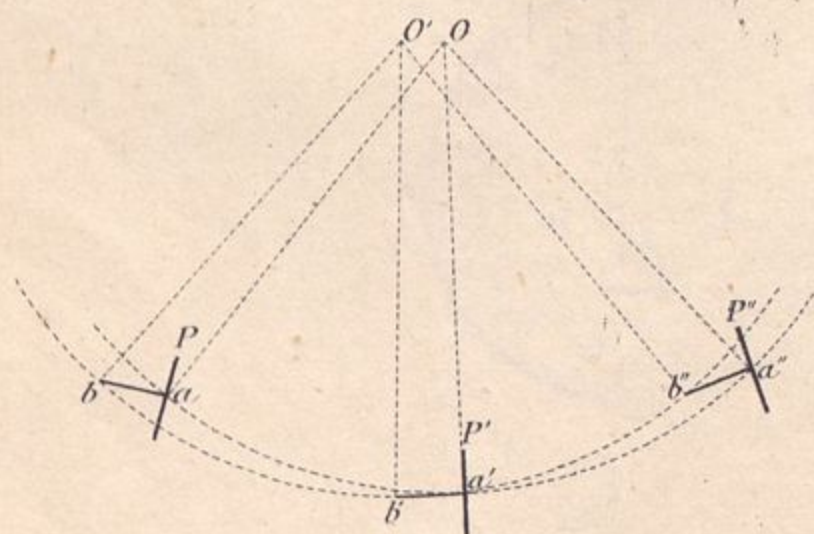


Fig. 139.

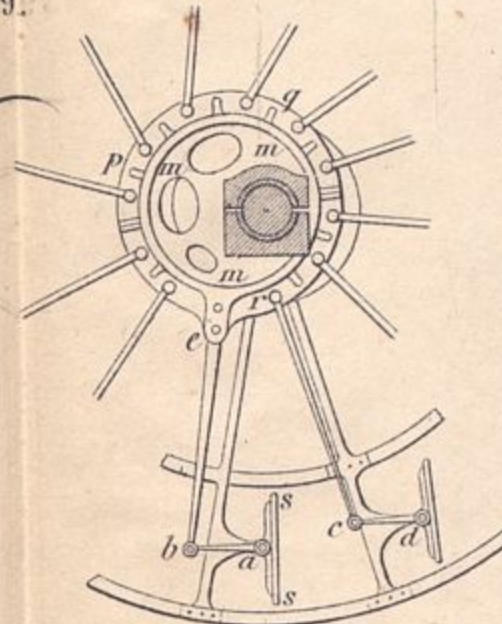
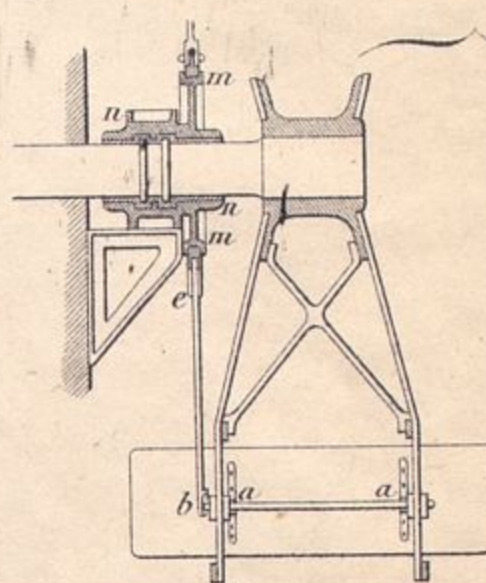


Fig. 140.

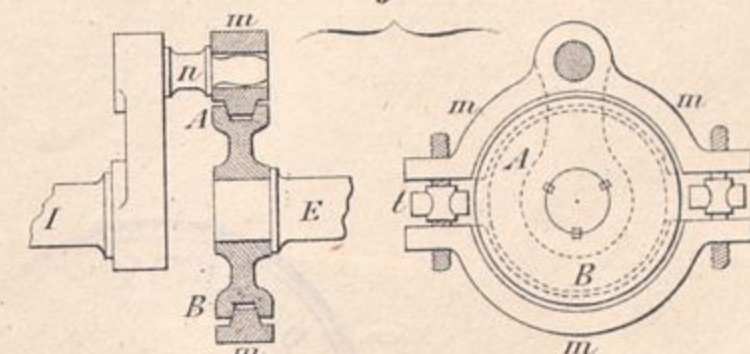


Fig. 141.

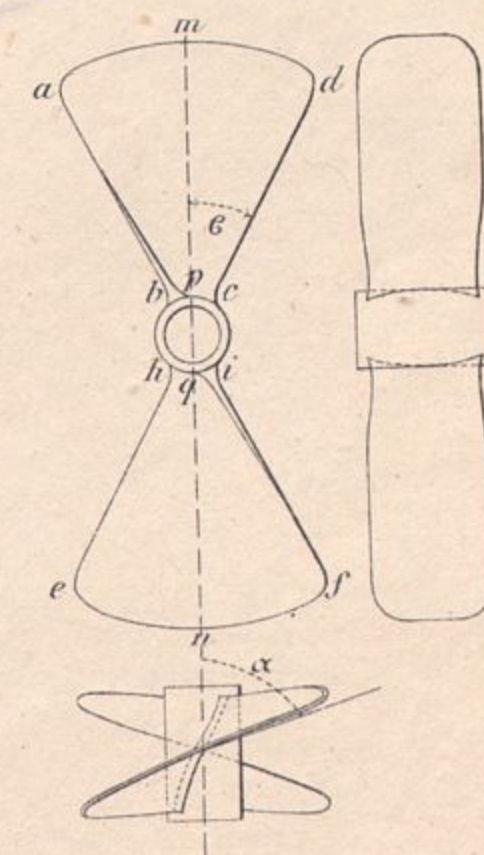


Fig. 143.



Fig. 142.



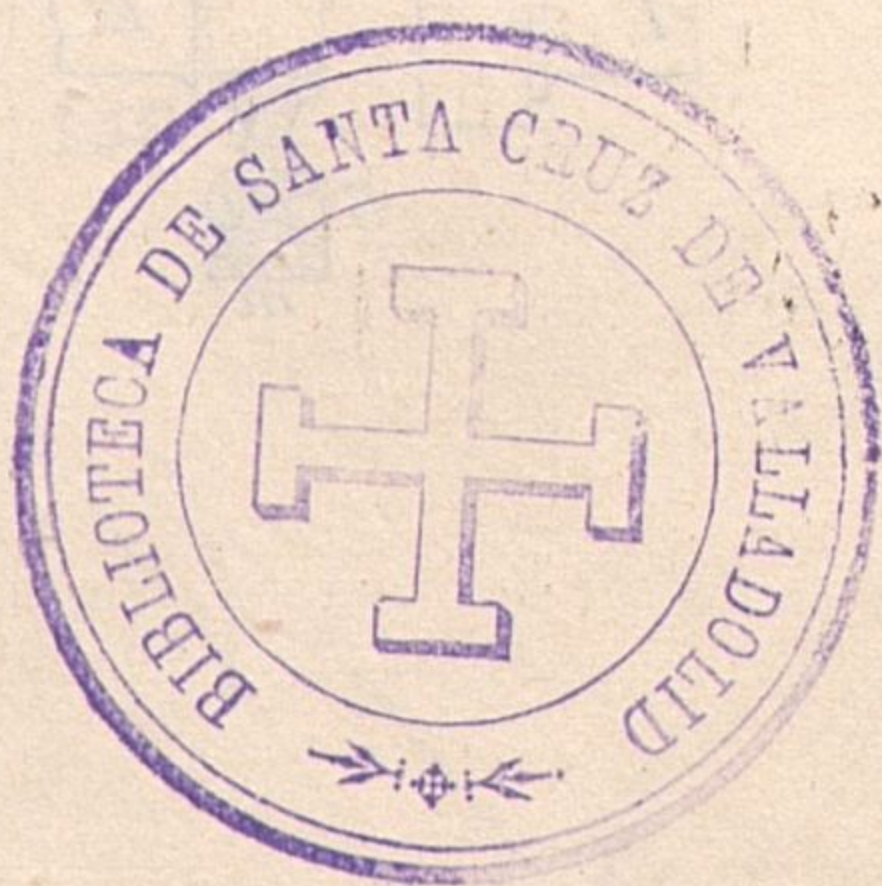
Fig. 144.



Fig. 145.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

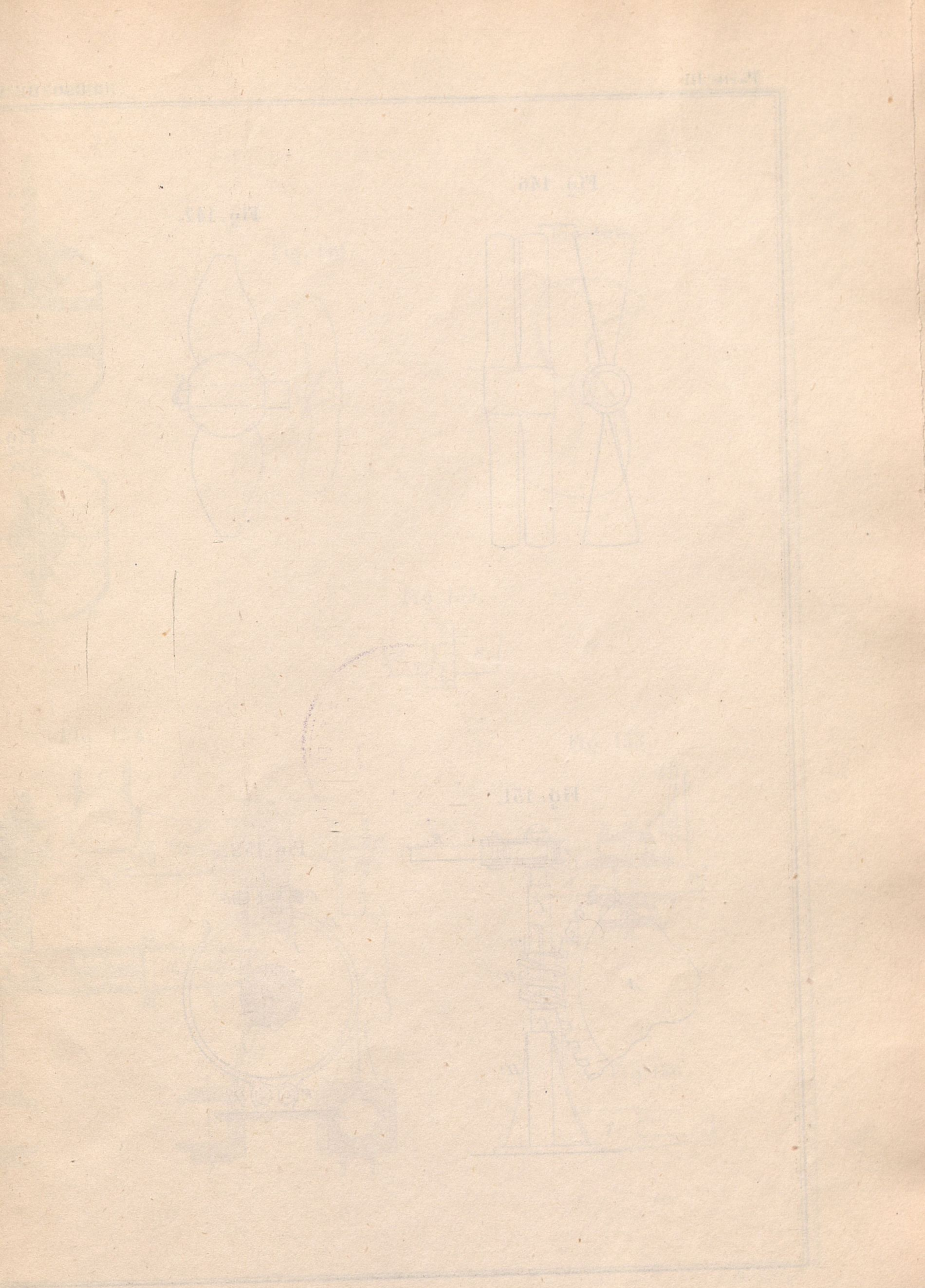


Fig. 146.

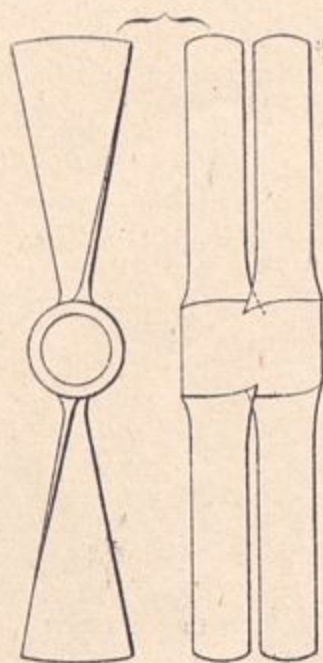


Fig. 147.

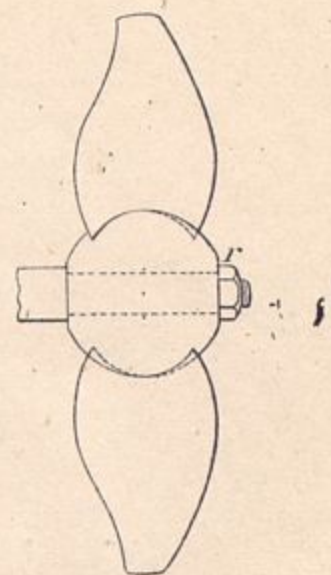


Fig. 148.

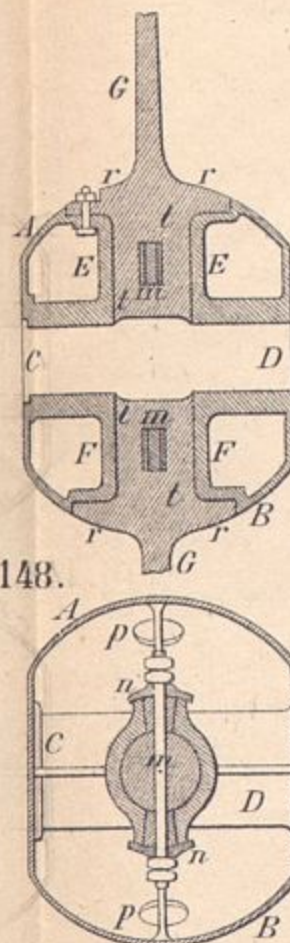


Fig. 149.



Fig. 150.



Fig. 155.

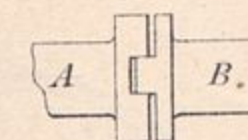


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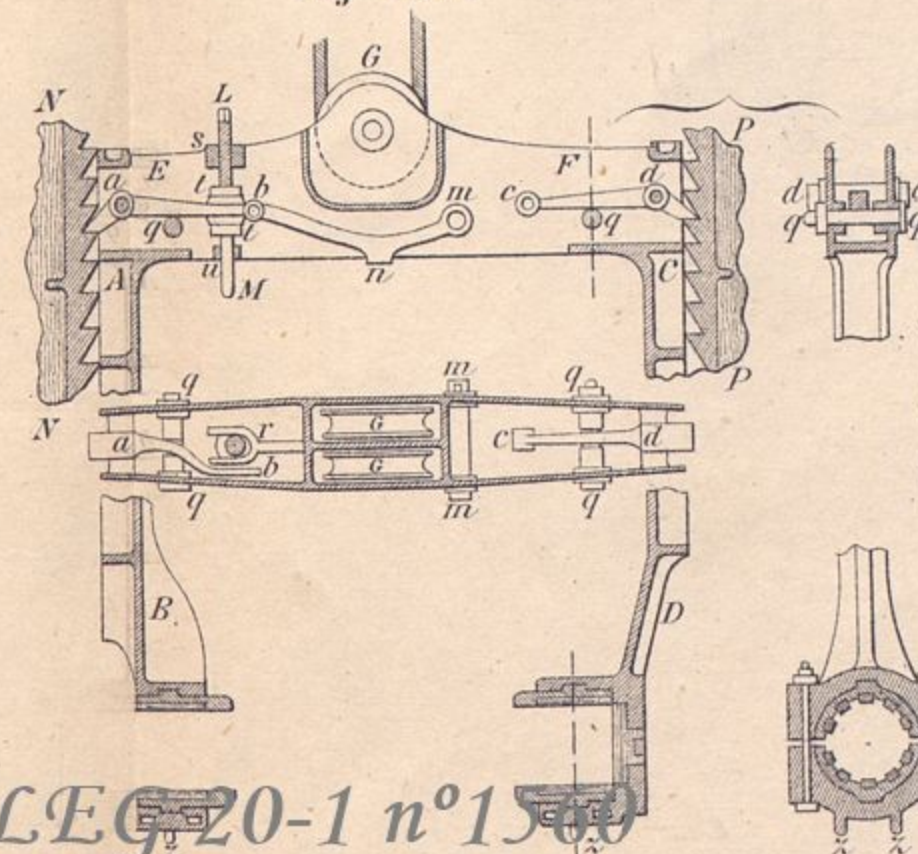


Fig. 153.

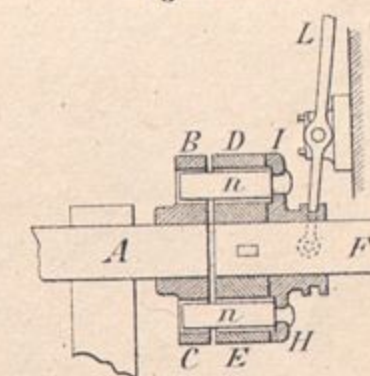


Fig. 156.

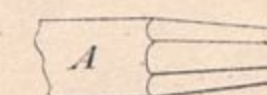


Fig. 151.

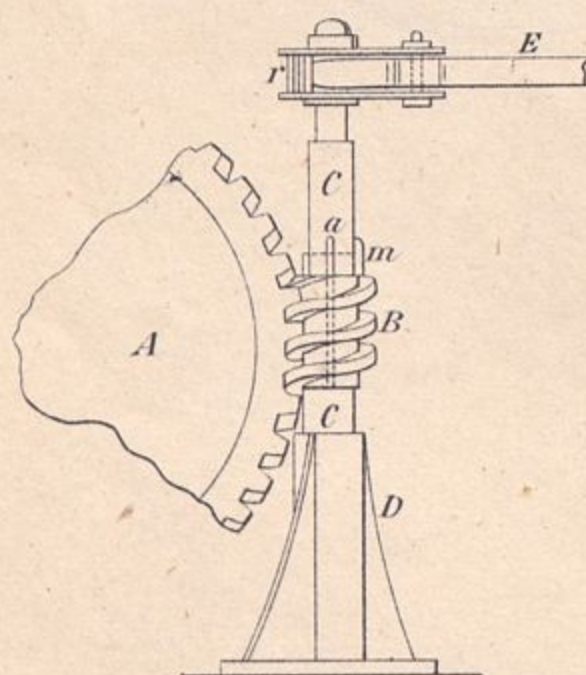
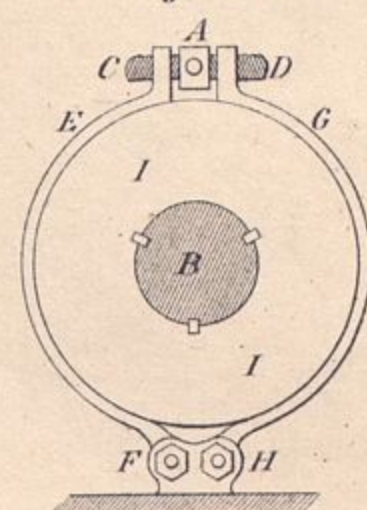
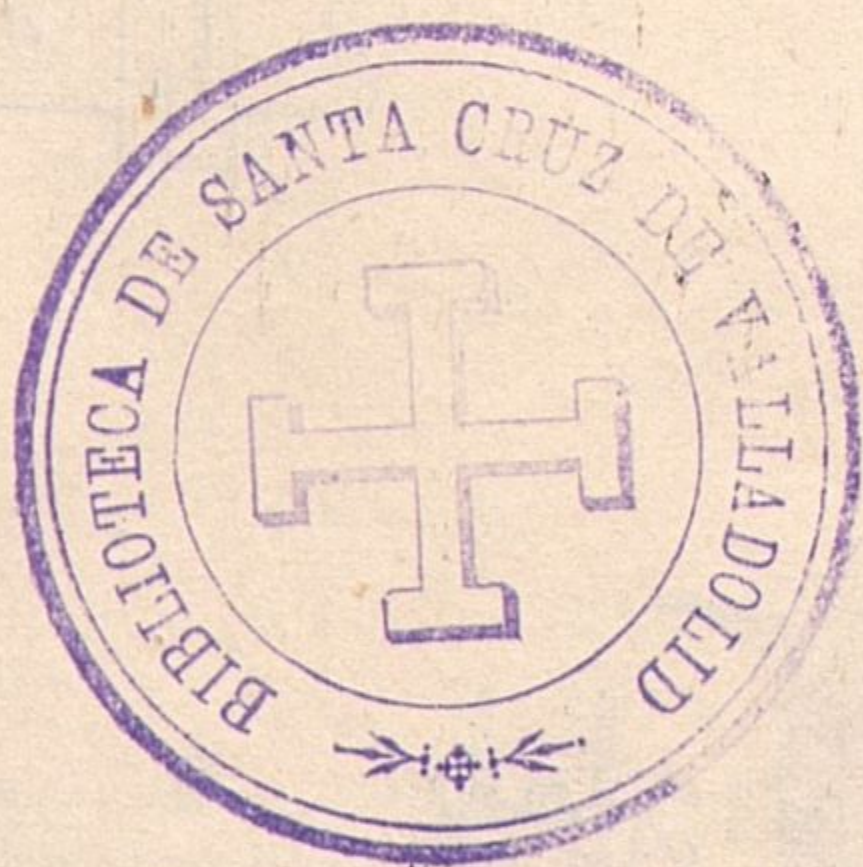


Fig. 152.



UVA. BHSC. LEG-20-1 n°1560



UVA. BHSC. LEG 20-1 nº1560

UVA. BHSC. LEG 20-1 n°1560

Fig. 157.

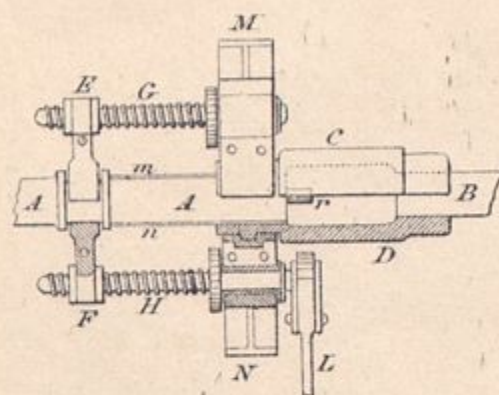


Fig. 158.

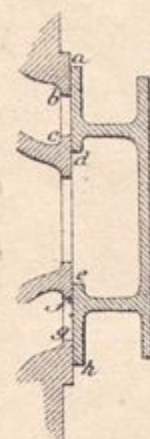


Fig. 159.

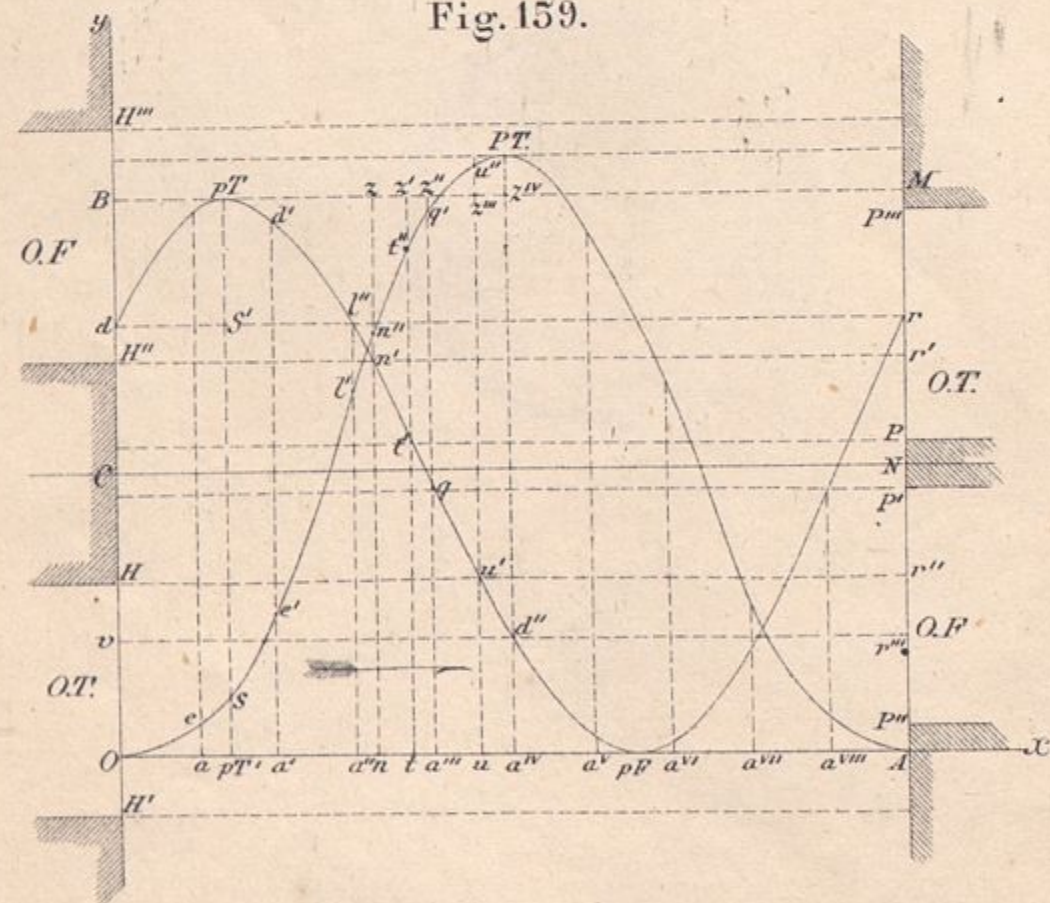


Fig. 160.

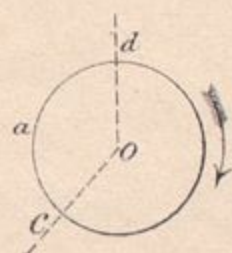
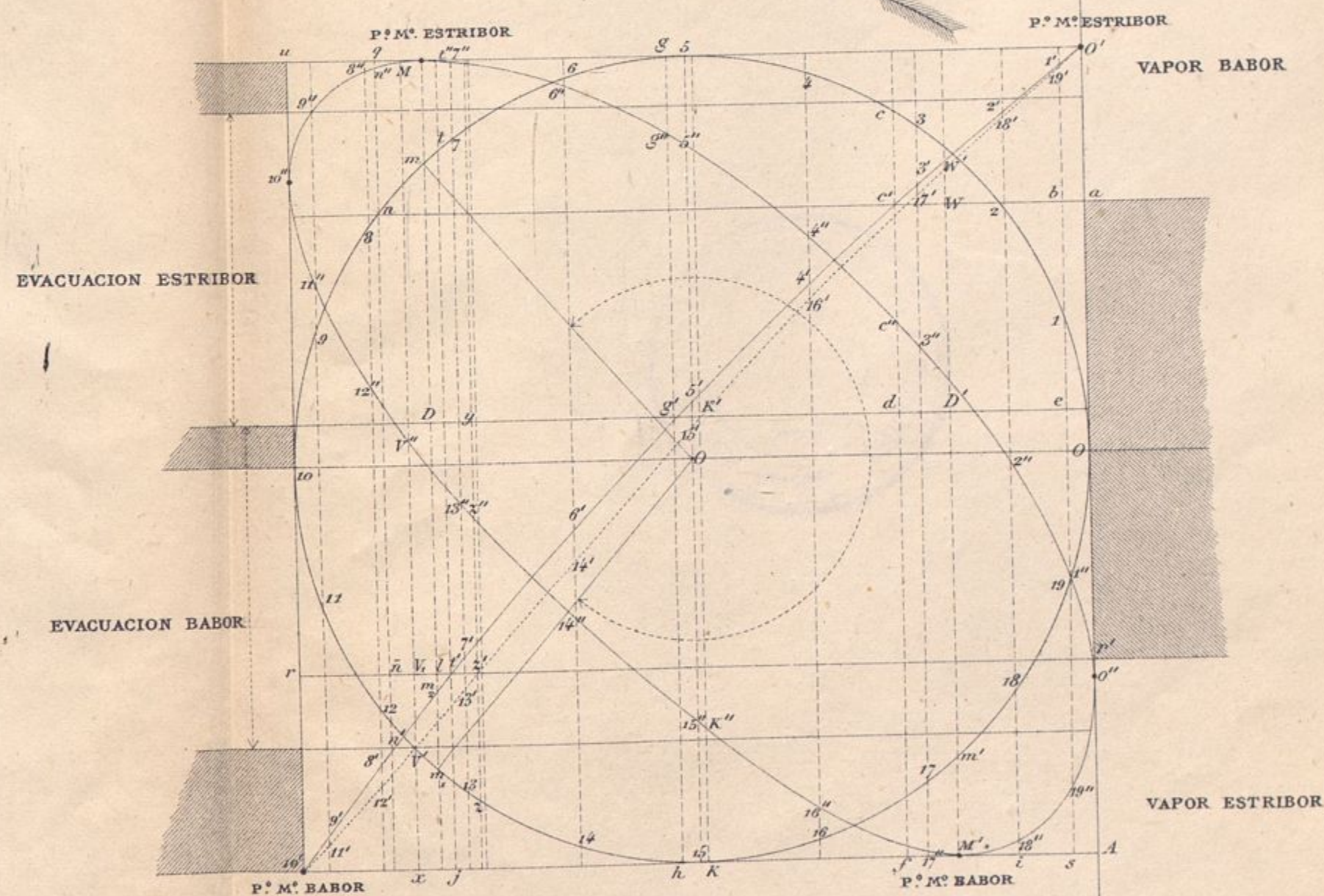


Fig. 161.



UVA. BHSC. LEG 20-1 n°1560



UVA. BHSC. LEG 20-1 n°1560

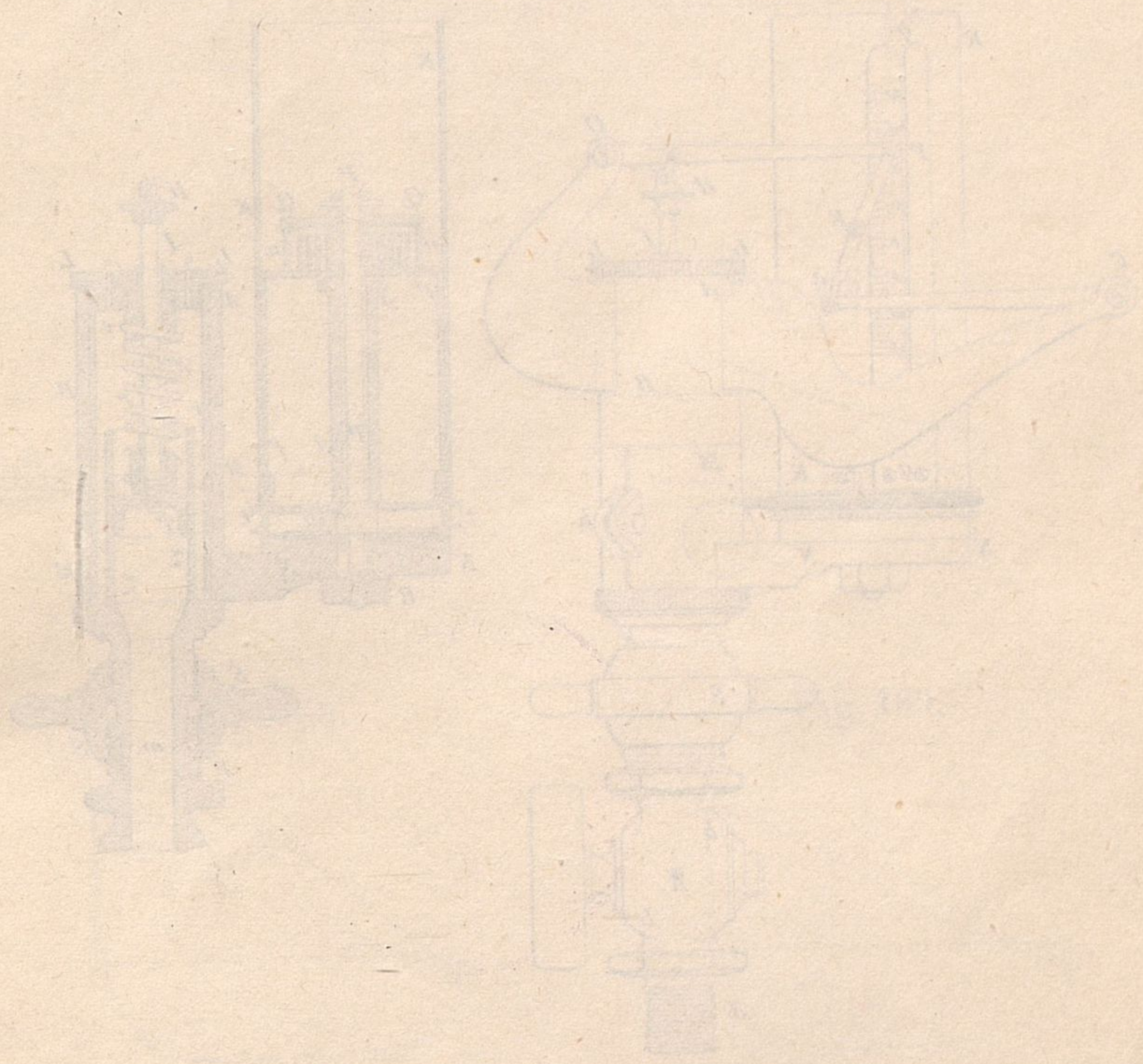


Fig. 162.

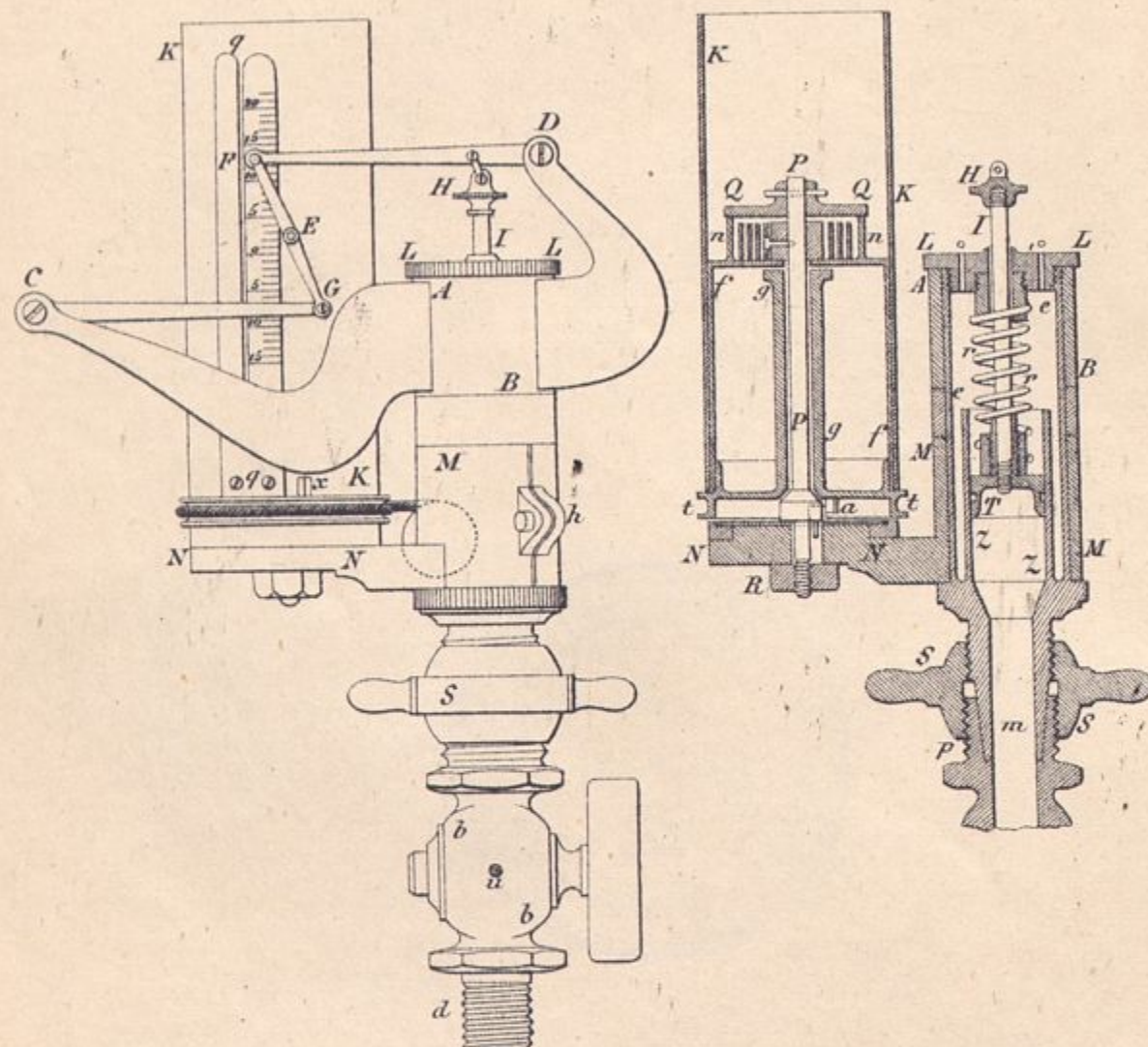


Fig. 163.

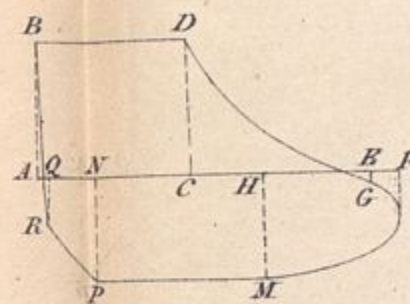


Fig. 164.

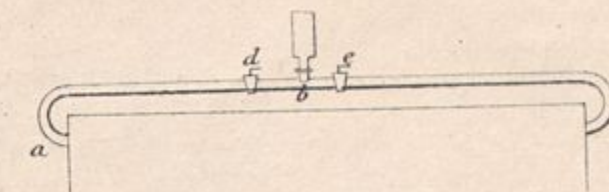


Fig. 165.



Fig. 166.

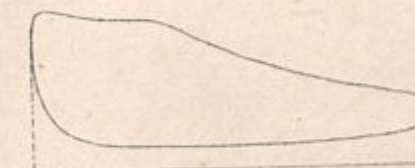


Fig. 167.

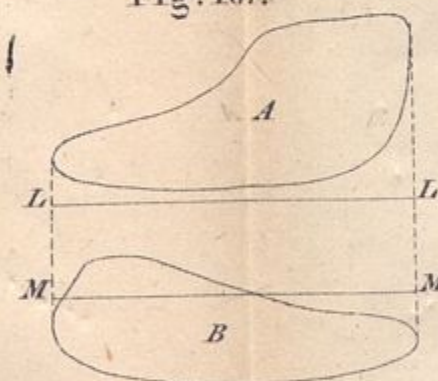


Fig. 168.

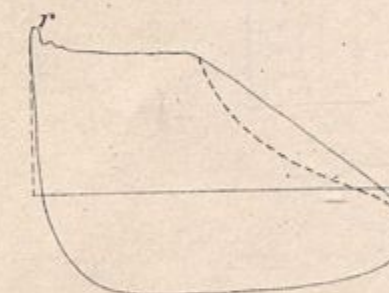


Fig. 169.

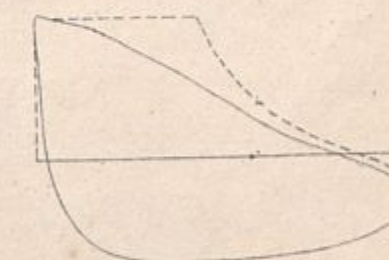


Fig. 170.



Fig. 171.



Fig. 172.

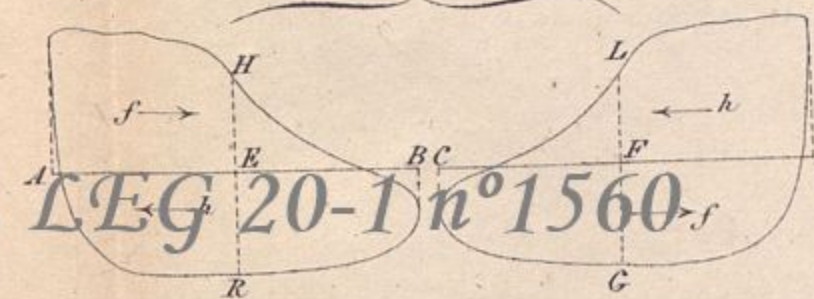
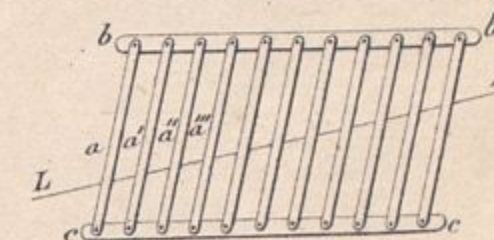
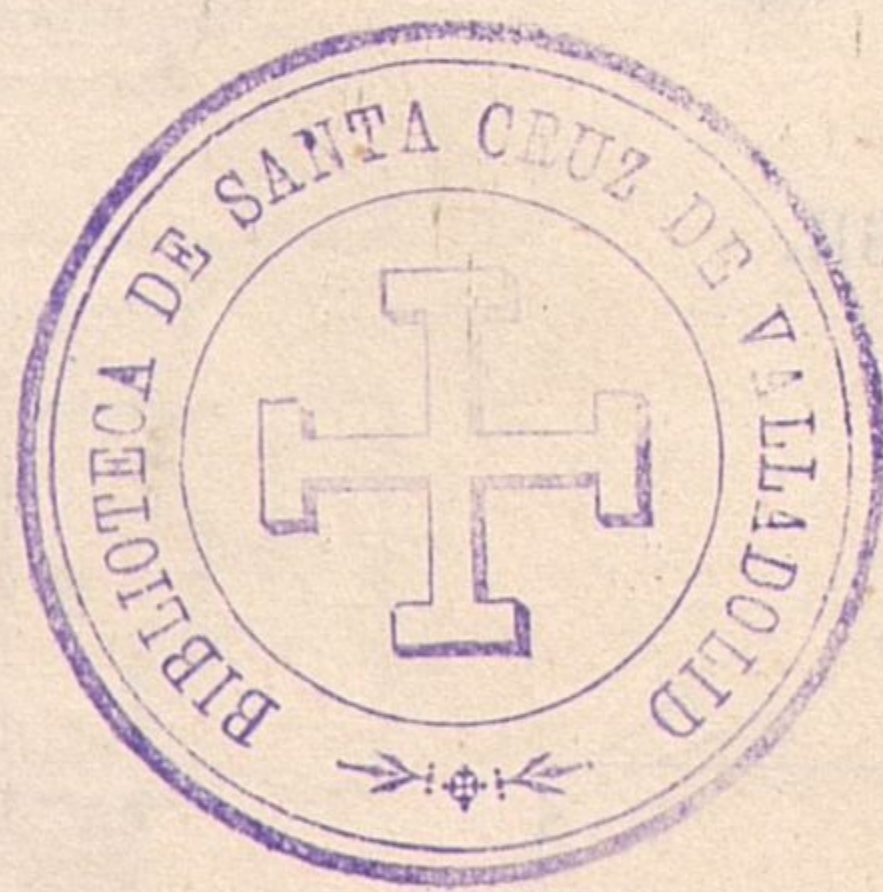


Fig. 173.





UVA. BHSC. LEG 20-1 n°1560

1771-1772

1773-1774

1775-1776

1777-1778

1779-1780

1781-1782

1783-1784

1785-1786

1787-1788

1789-1790

1791-1792

1793-1794

1795-1796

1797-1798

1799-1800

1801-1802

1803-1804

1805-1806

1807-1808

1809-1810

1811-1812

1813-1814

1815-1816

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