

XVI. 256 J.

Atlas

Singler's polytechnisches Journal

Band 343

Verständlichste Ausgabe

Jahrgang 1851

Verlag von Engelmann in Leipzig

Leipzig

Verlag von Engelmann in Leipzig

Atlas

zu

Dingler's polytechnischem Journal.

Band 242.

(Zweiundsechzigster Jahrgang.)

Jahrgang 1881.

Enthaltend 36 lithographirte Tafeln.

Augsburg.

Druck und Verlag der J. G. COTTA'schen Buchhandlung.

Atlas

Journal

Band 242

(Zweiteilung)

BERGAKADEMIE
FREIBERG.

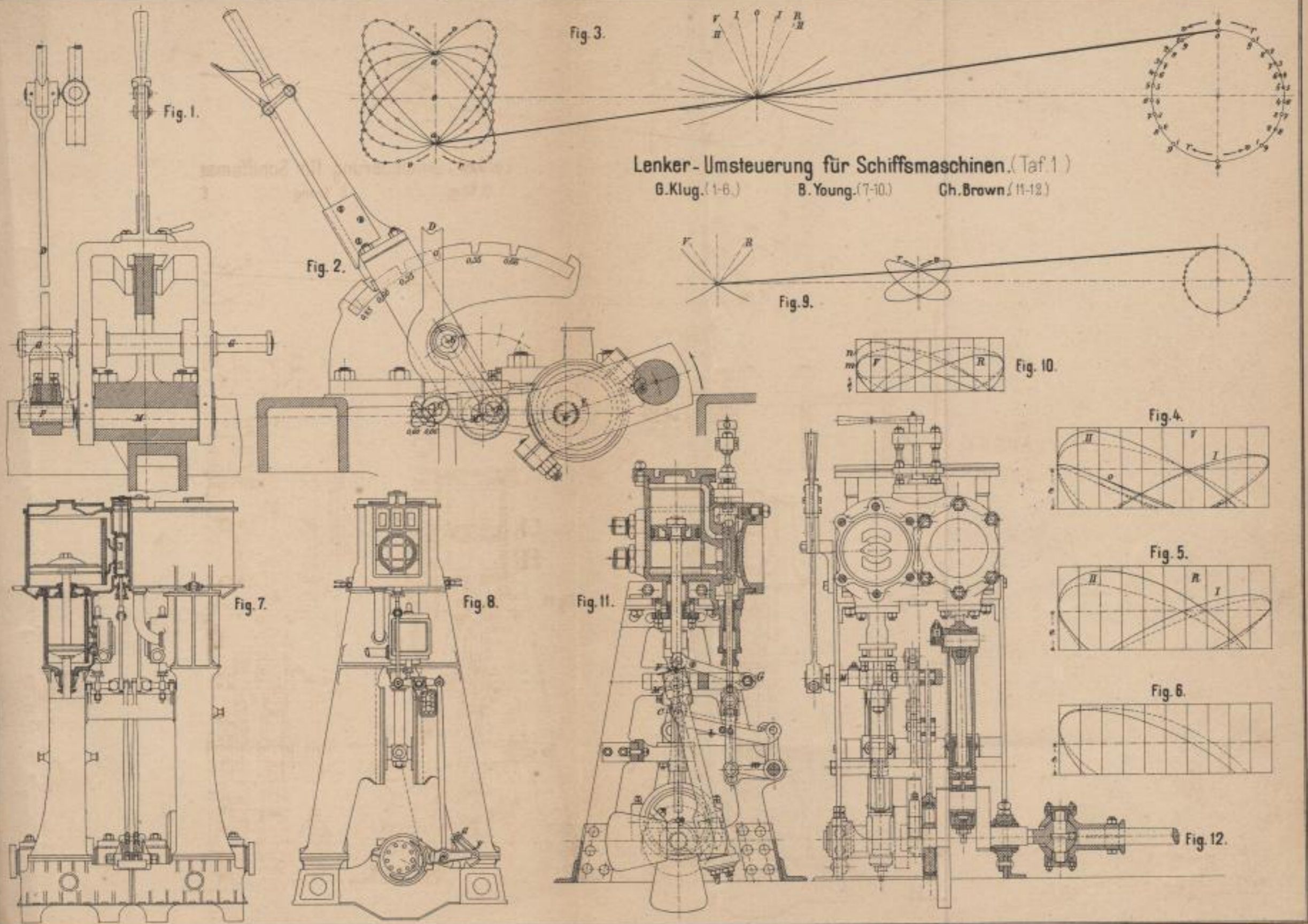
ungültig

Sächsische
Landesbibliothek
16. JULI 1981
Dresden

8

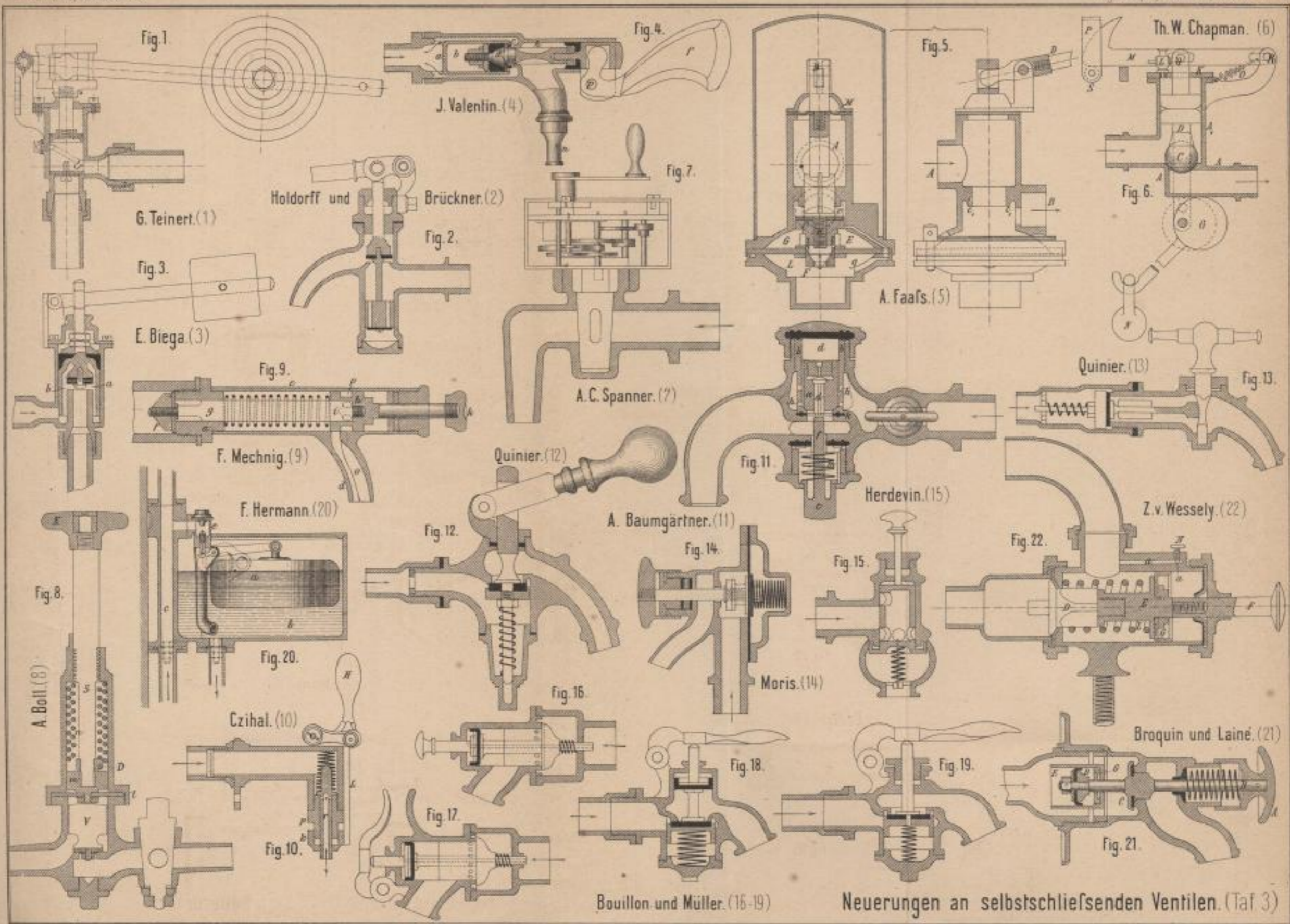
August

Verlag von J. G. Cotta'schen Buchhandlung



Lenker-Umsteuerung für Schiffsmaschinen. (Taf. 1.)
 G. Klug. (1-6.) B. Young. (7-10.) Ch. Brown. (11-12.)

Lehr. Anst. v. F. W. v. Darnstadt.



Neuerungen an selbstschließenden Ventilen. (Taf. 3)

Lith. Anst. v. F. W. W. Darmstadt



Brunet und Brossier. (11.)



Fig. 11.

Bower's Ofen zum Oxydiren von Eisenwaaren. (16-20.)

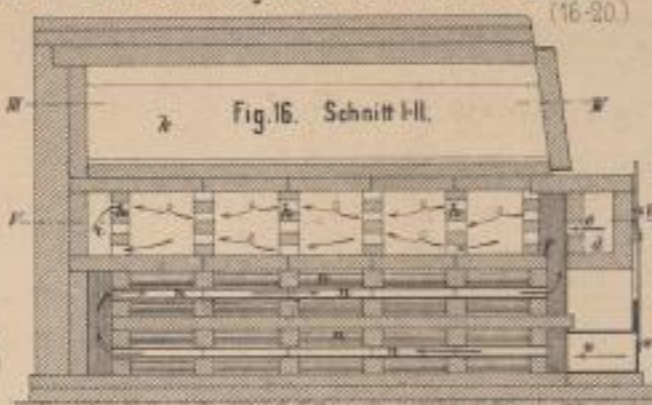
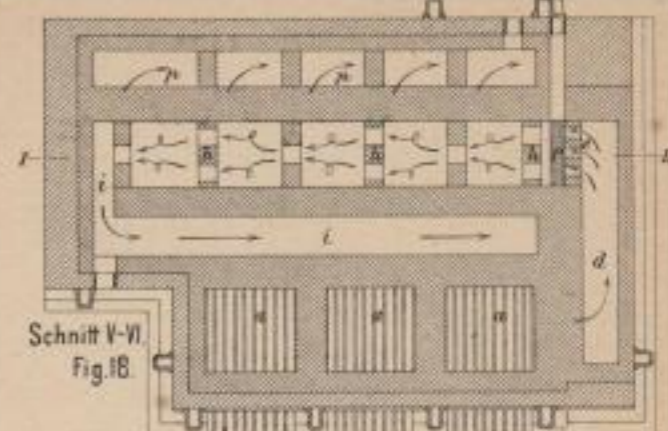
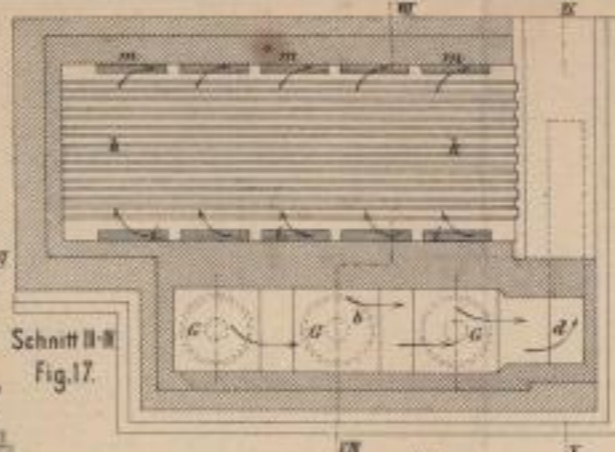


Fig. 16. Schnitt I-II.

Schnitt II-III
Fig. 17.

E. Riedmayr. (10.)



Schnitt V-VI
Fig. 18.

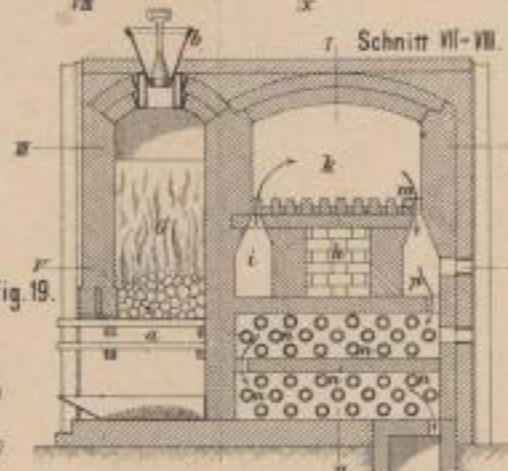


Fig. 19.

Schnitt VII-VIII

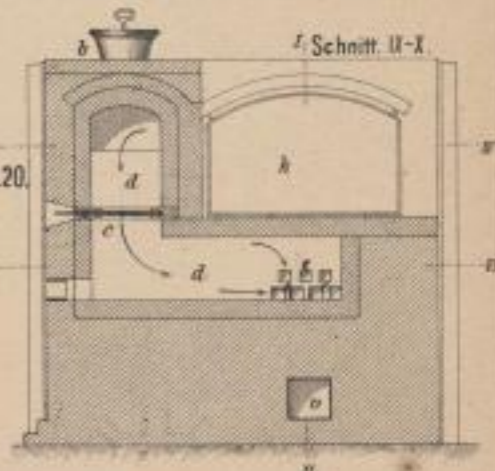


Fig. 20.

Schnitt IX-X

Neuerungen an Handhebeln. (6-11.)

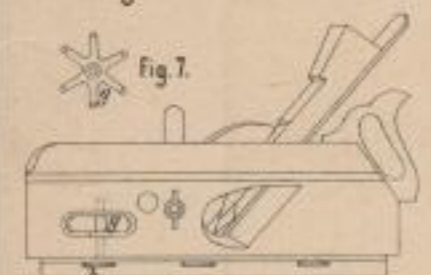


Fig. 6.

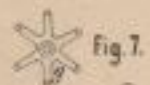


Fig. 7.

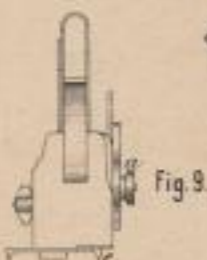


Fig. 9.

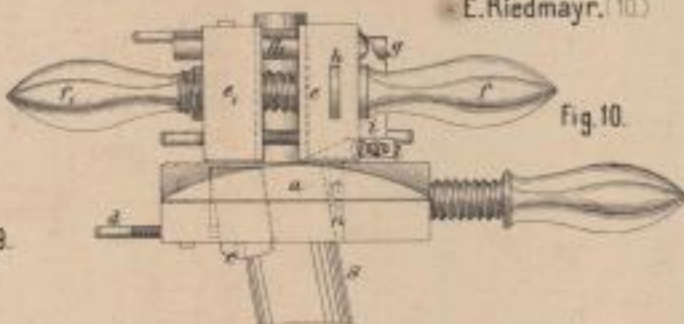


Fig. 10.

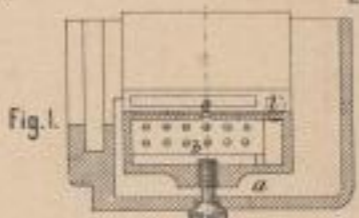


Fig. 1.

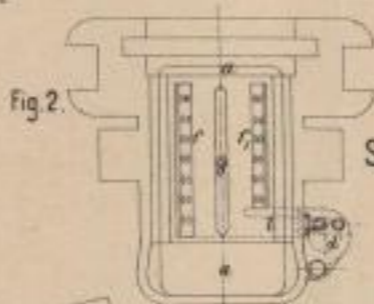


Fig. 2.

Johann Weiß's. (8-9.)

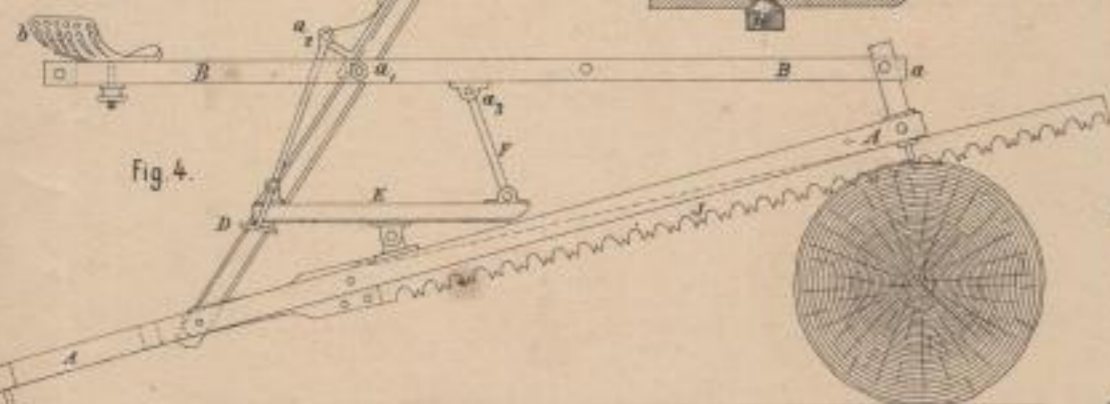


Fig. 4.

Scharnberger's Achskiste für Eisenbahnwagen. (1-3.)

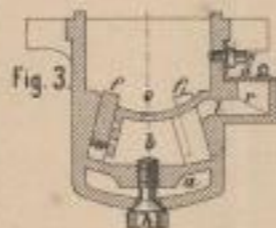


Fig. 3.

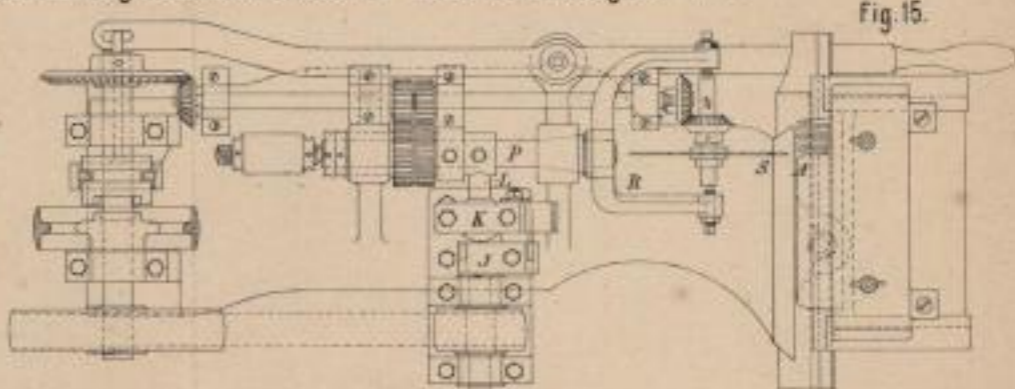


Fig. 15.

Maschine zur Herstellung von Kämmen. (15.)

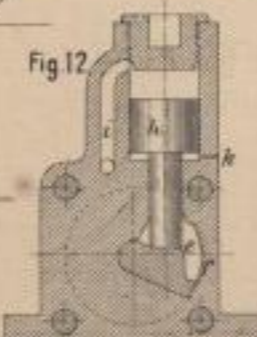


Fig. 12.

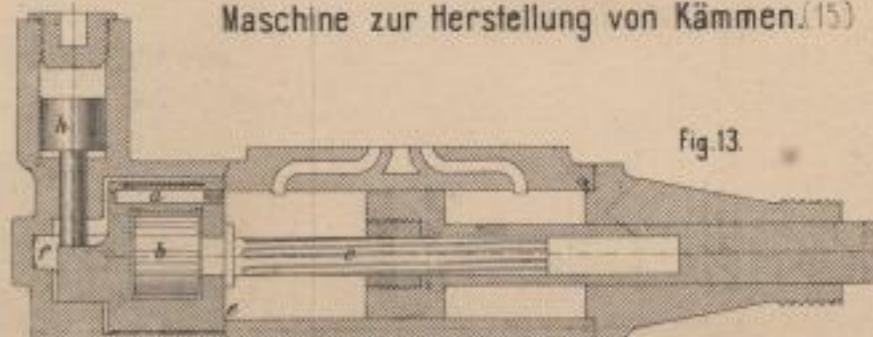


Fig. 13.

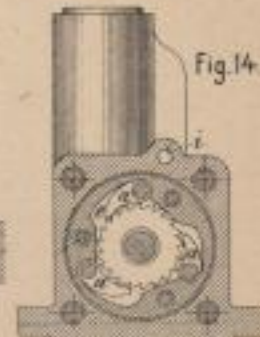


Fig. 14.

Rau's transportable Quersäge. (4 u. 5.)

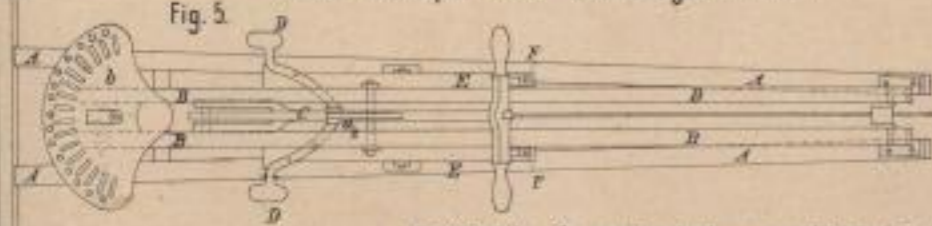
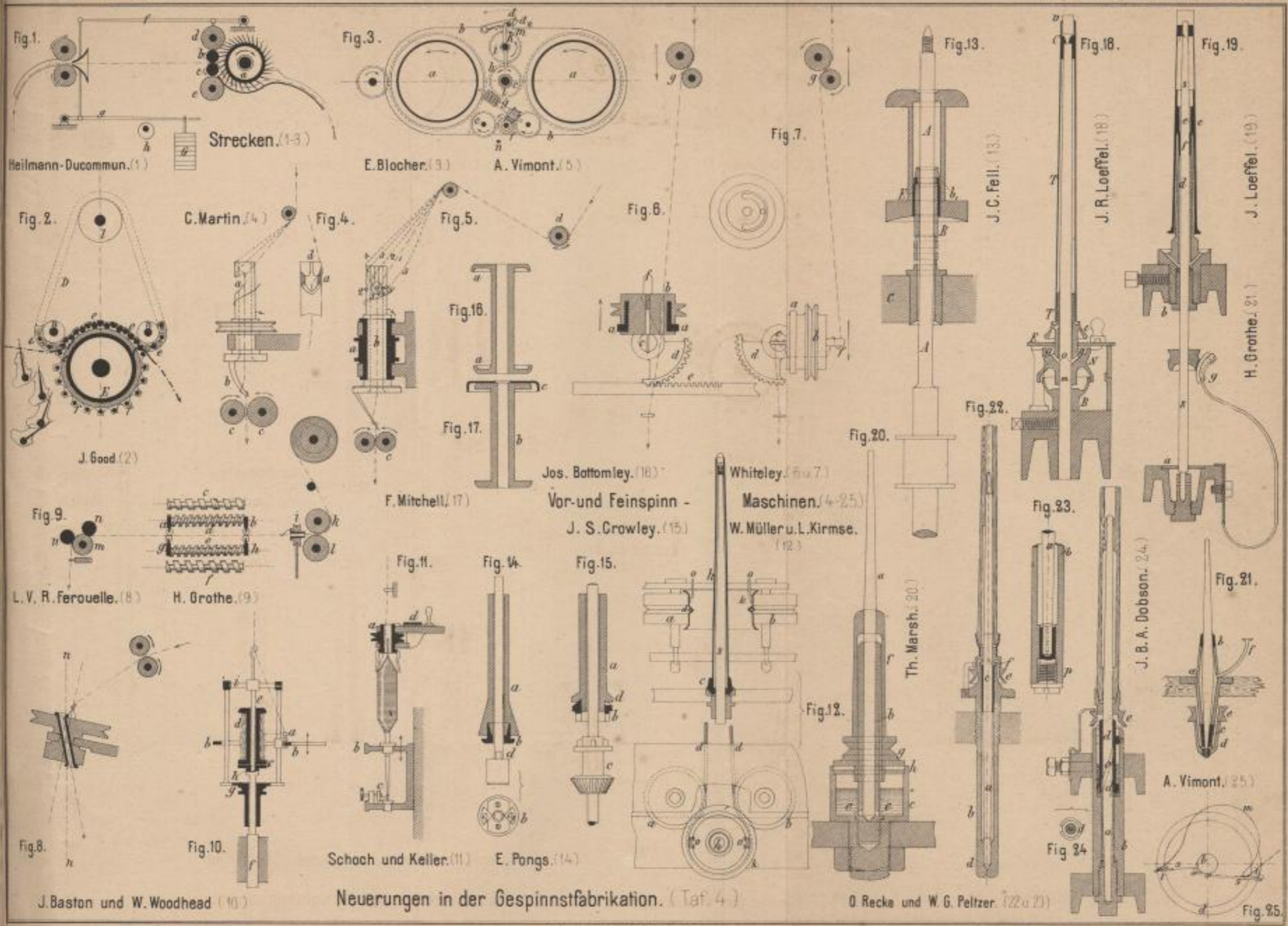


Fig. 5.

Frölich's Gesteinsbohrmaschine. (12-14.)

Lith. Anst. v. F. W. Neumann, Darmstadt.



Lith. Anst. v. P. Witzg. Darmstadt.

Ranvier's Waggonheizung. (8)

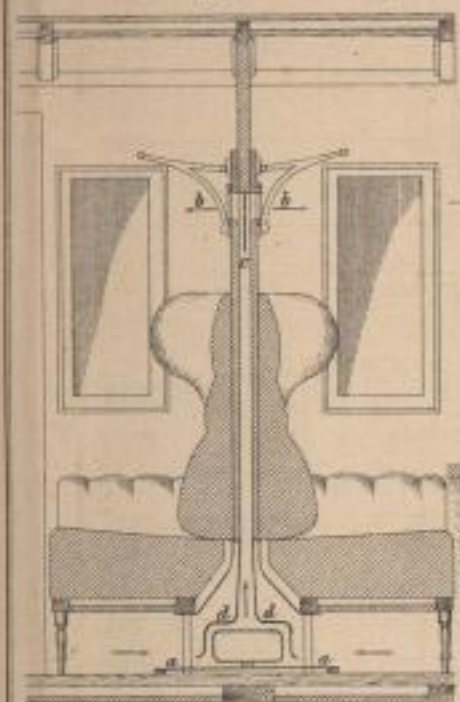


Fig. 8.

Fig. 9..

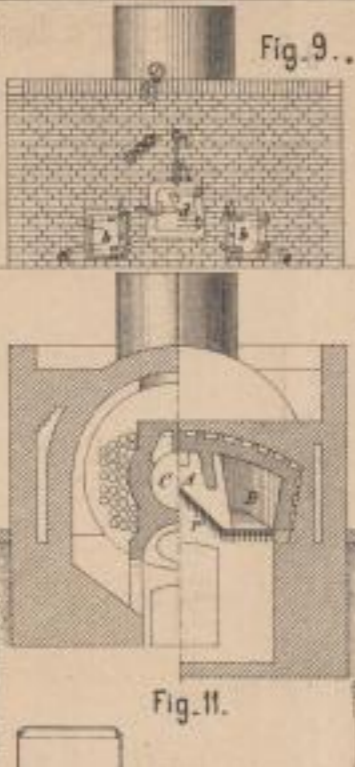
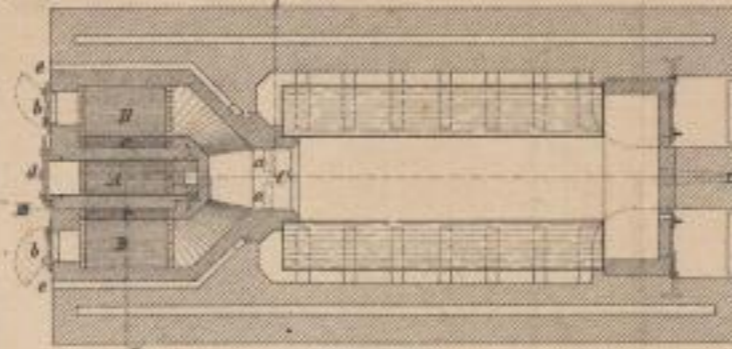


Fig. 11.

Heiser's Dampfkesseleuerung. (9-13)



E. Rost's Oelpresse. (14 u. 15)

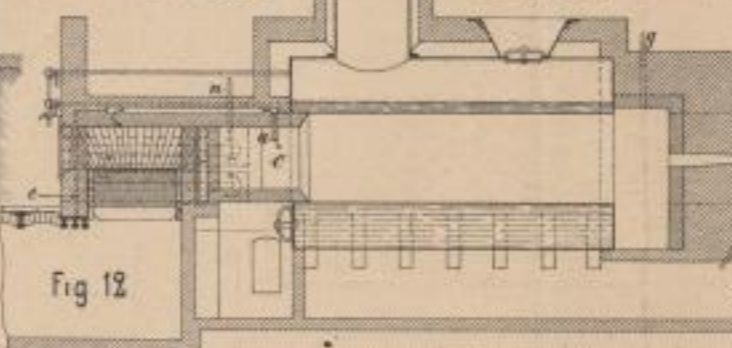


Fig. 12

Fig. 10.

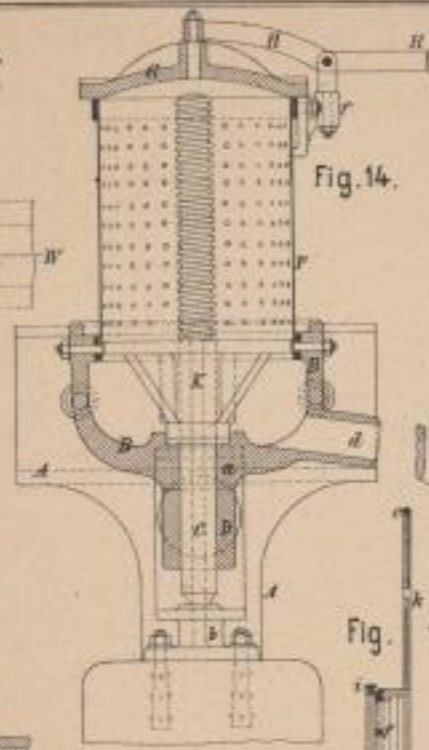


Fig. 14.

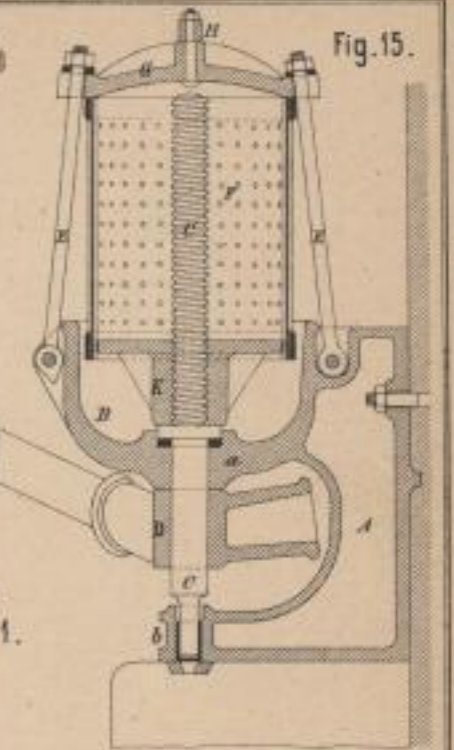


Fig. 15.

Fig. 1.

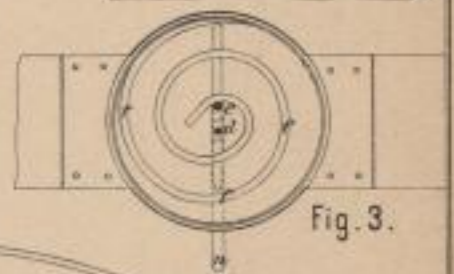


Fig. 3.

Lorber's Transporteur für tachymetrische Aufnahmen. (6) 1/2 n. Gr.

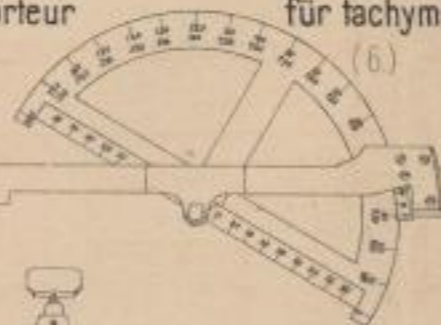
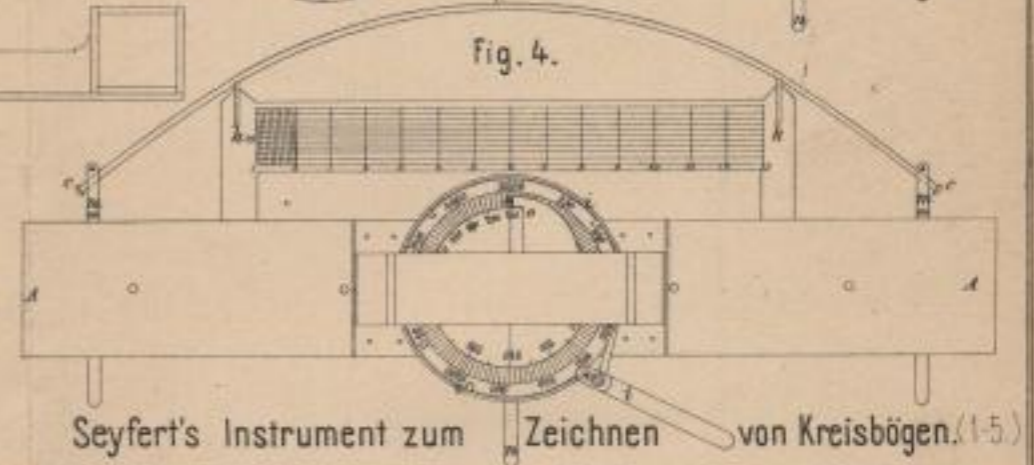


Fig. 6.

Fig. 2.

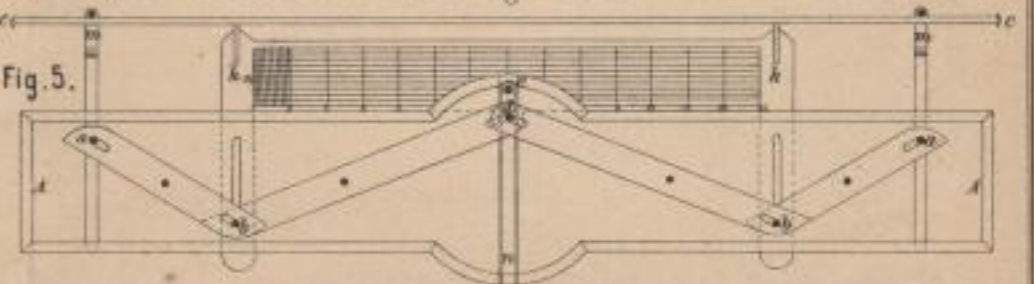


Fig. 4.



Seyfert's Instrument zum Zeichnen von Kreisbögen. (1-5)

Fig. 5.



Heinrich's Lichtmaschine. (7)

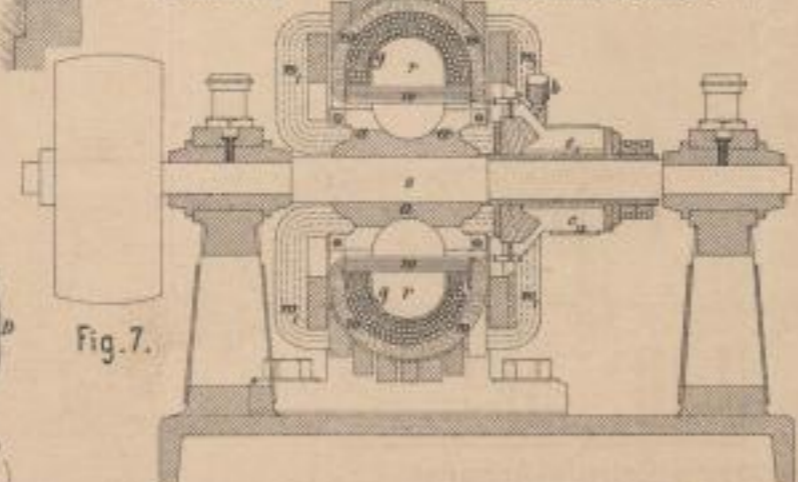
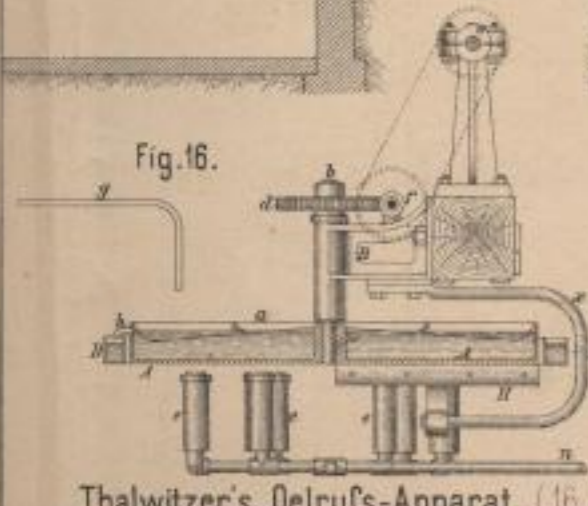


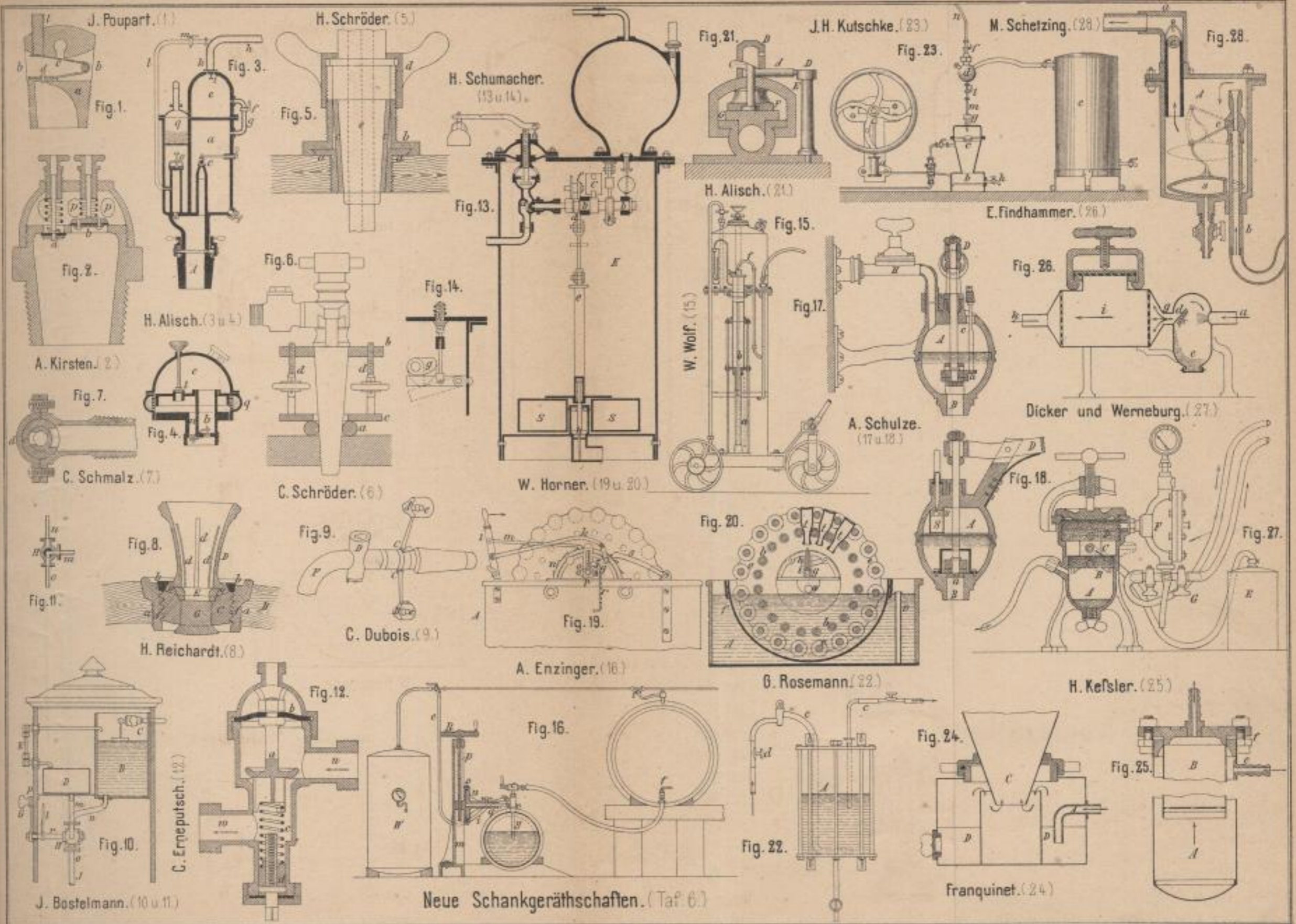
Fig. 7.

Fig. 16.

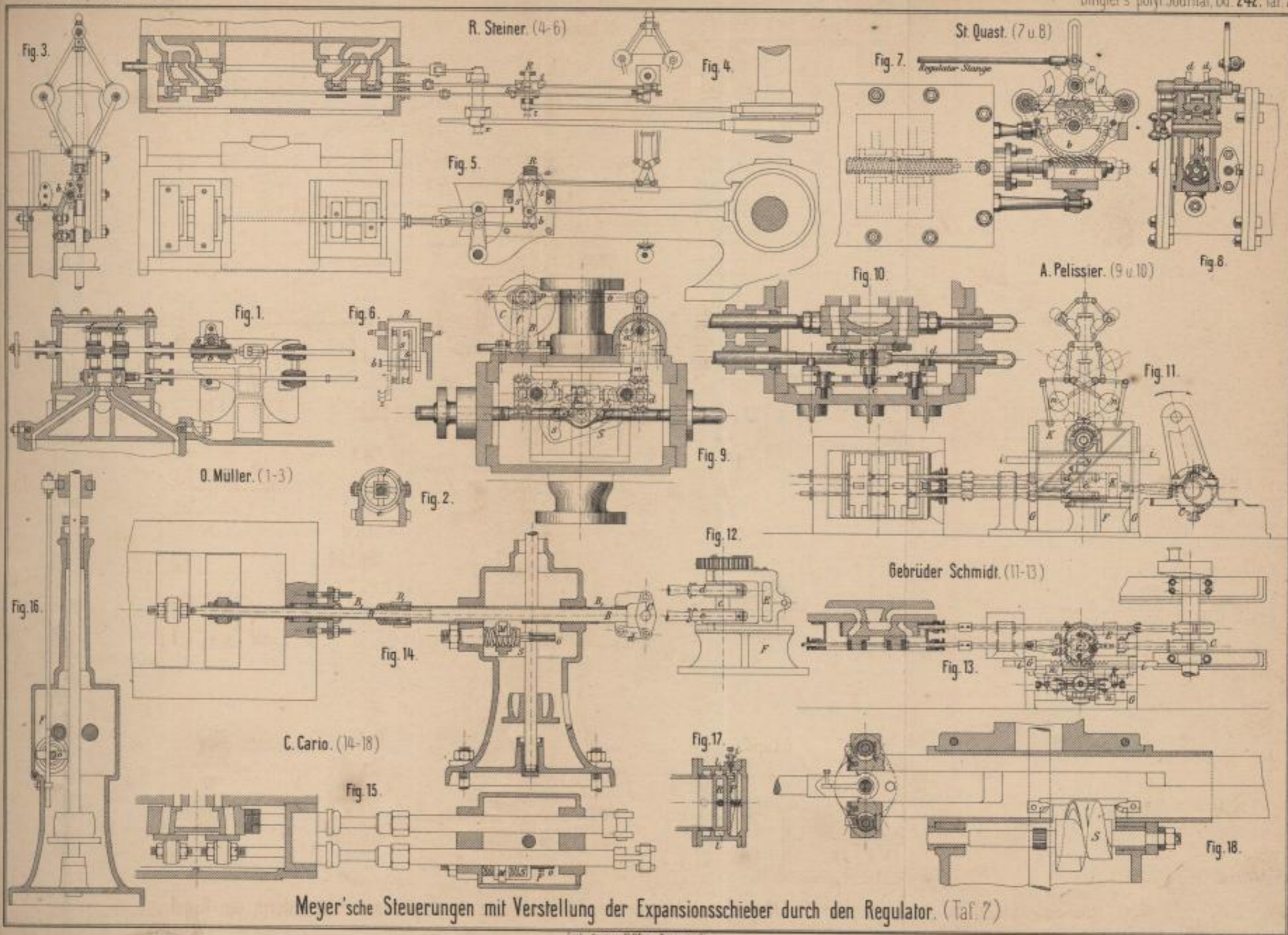


Thalwitzer's Oelrufs-Apparat. (16)

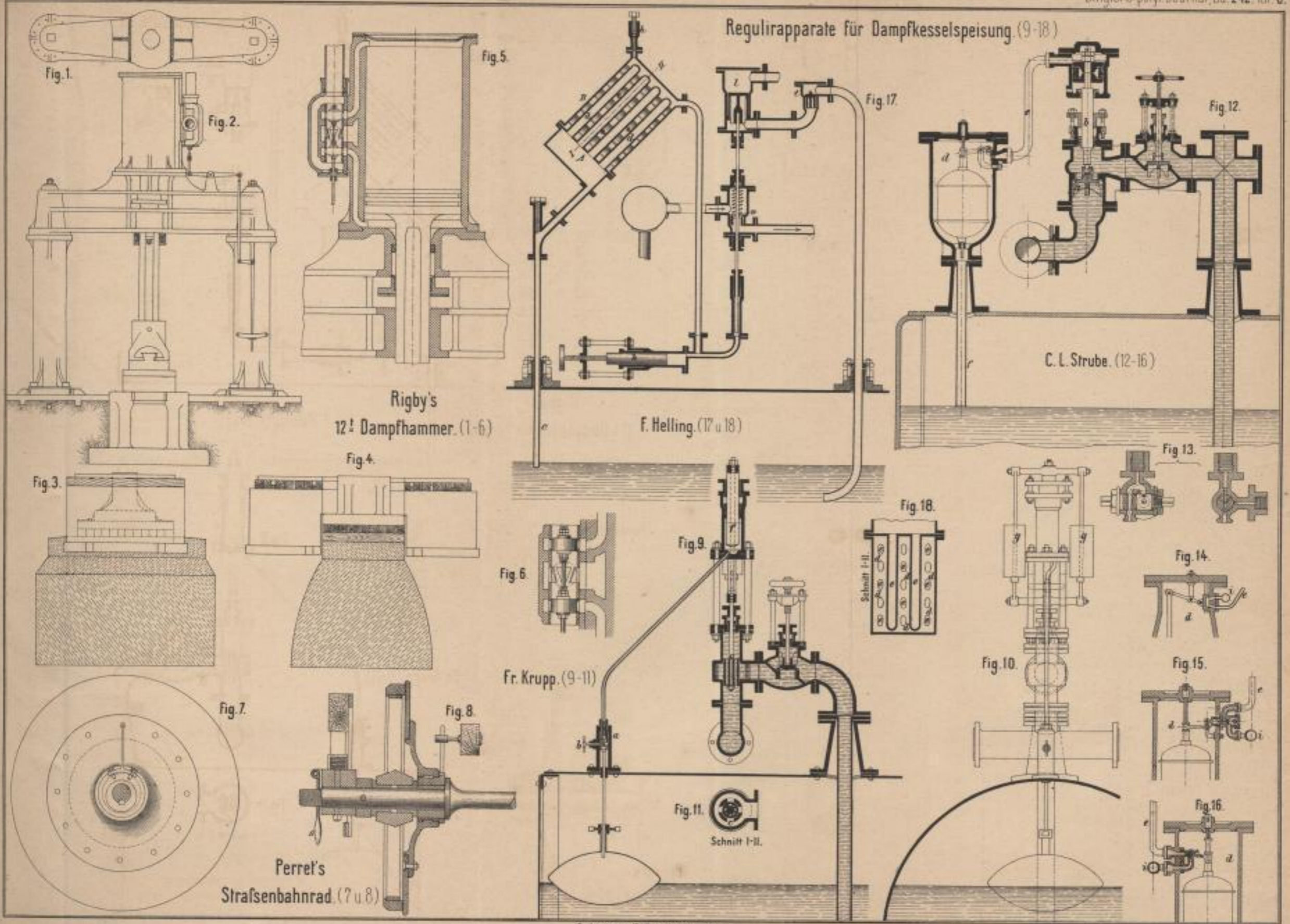
Lith. Anst. v. Wirts. Buchverlag



Lith. Anst. v. E. Wörte, Darmstadt.



Lith. Anst. v. F. Weyl, Darmstadt.



Regulirapparate für Dampfkesselspeisung (9-18)

Rigby's 12" Dampfhammer. (1-6)

Perrel's Straßenbahnrad (7 u 8)

F. Helling. (17 u 18)

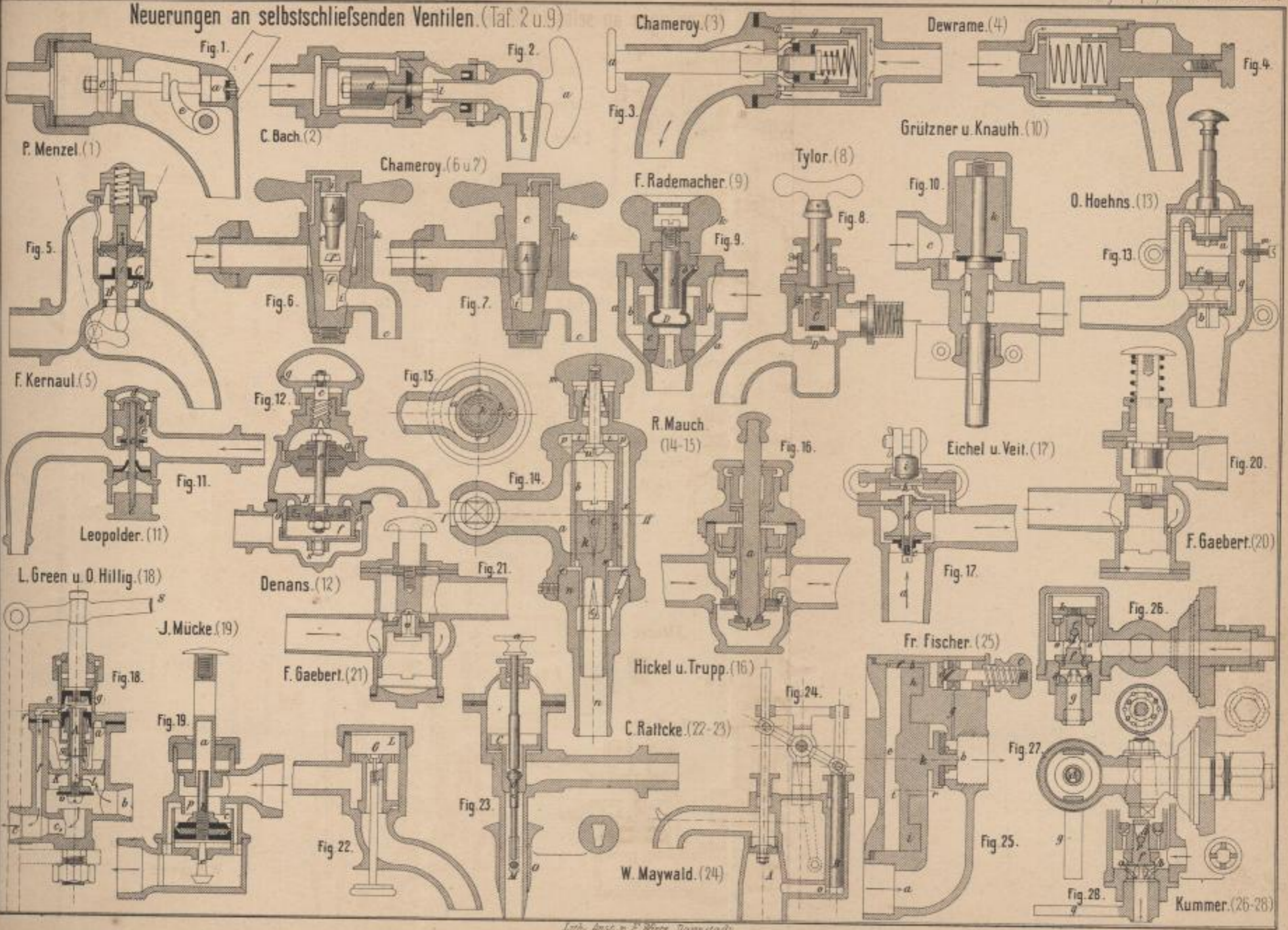
C. L. Strube. (12-16)

Fr. Krupp. (9-11)

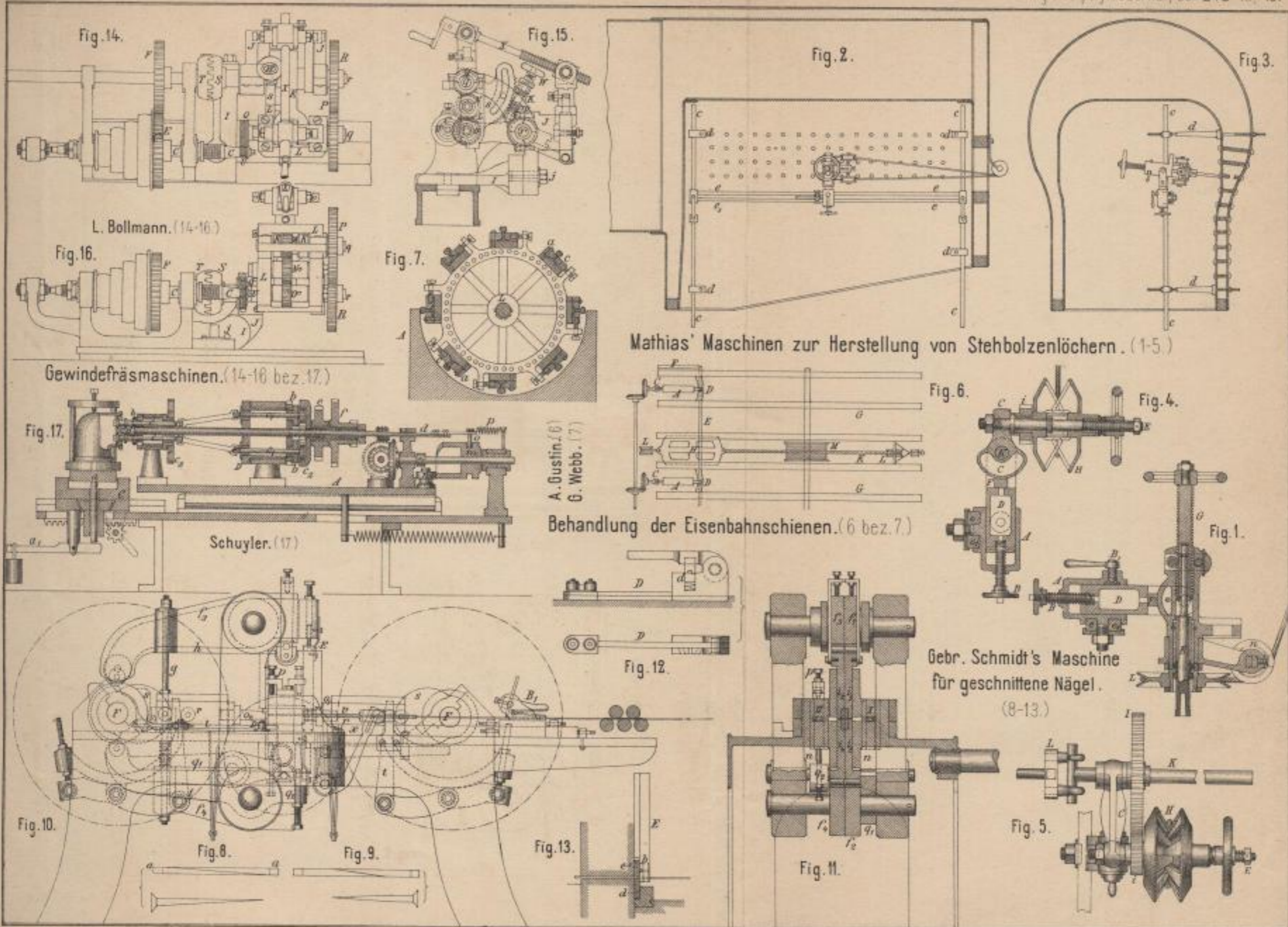
Lesk. Anst. u. P. Wirtz, Darmstadt



Neuerungen an selbstschließenden Ventilen. (Taf. 2 u. 9)



Lehr. Anst. v. F. Wörz, Darmstadt.



lith. Anst. v. P. Wirtz, Darmstadt

J. J. Bourcart. (1)

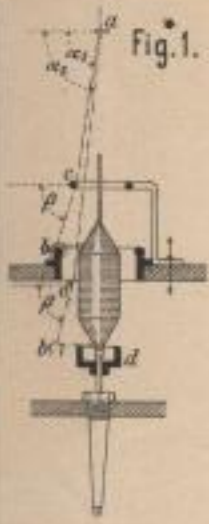


Fig. 1.

S. Brooks. (2 u 3)

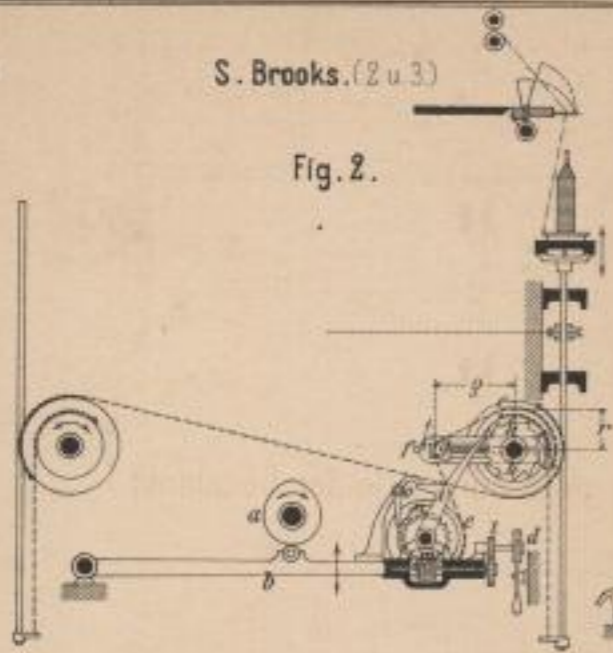


Fig. 2.

Ed. Köster. (7.)



Fig. 3.

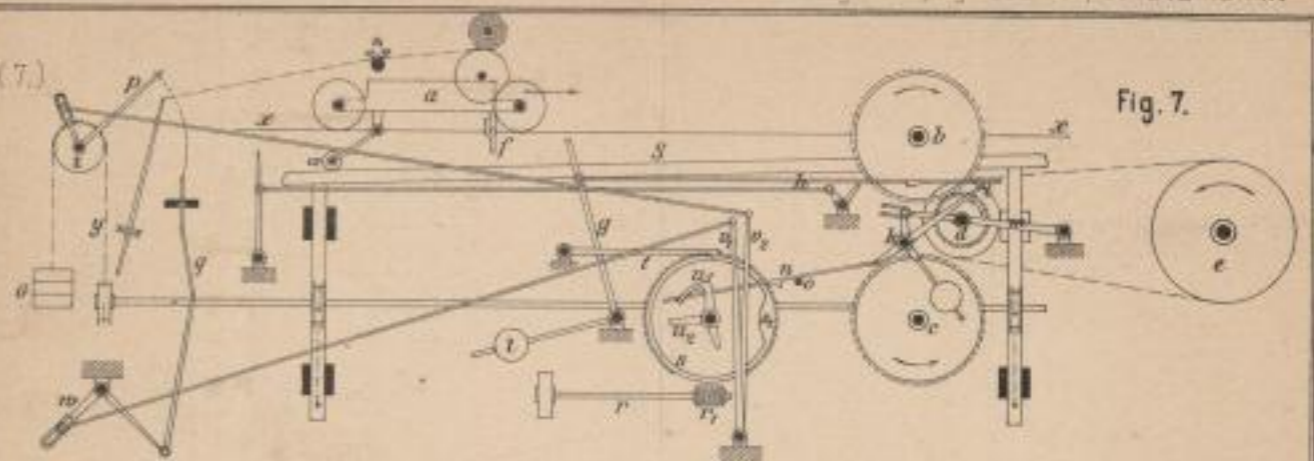


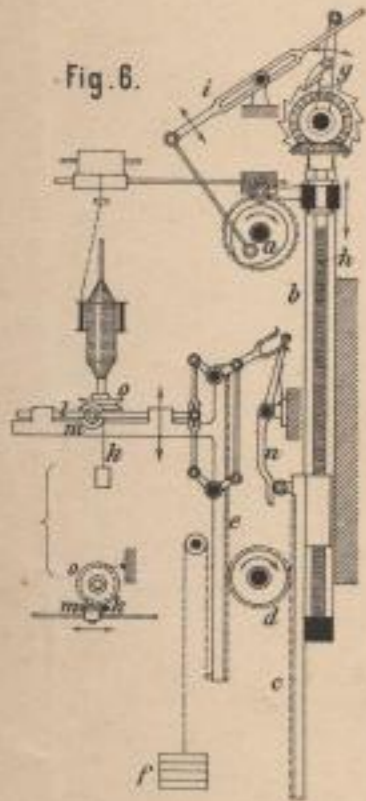
Fig. 7.

Neuerungen in der Gespinnstfabrikation. (Taf. 4 u. 11.)

Fig. 8.

Feinspinnmaschinen. (1-10.)

Fig. 6.



Louis Kirmse. (6)

H. Sackmann. (8)

Fig. 5.

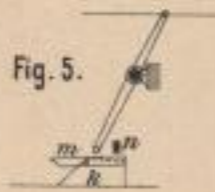


Fig. 4.

K. Ligois. (4 u 5.)

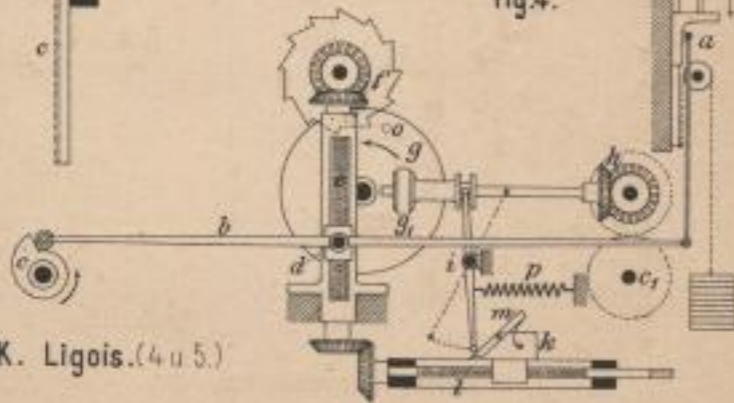
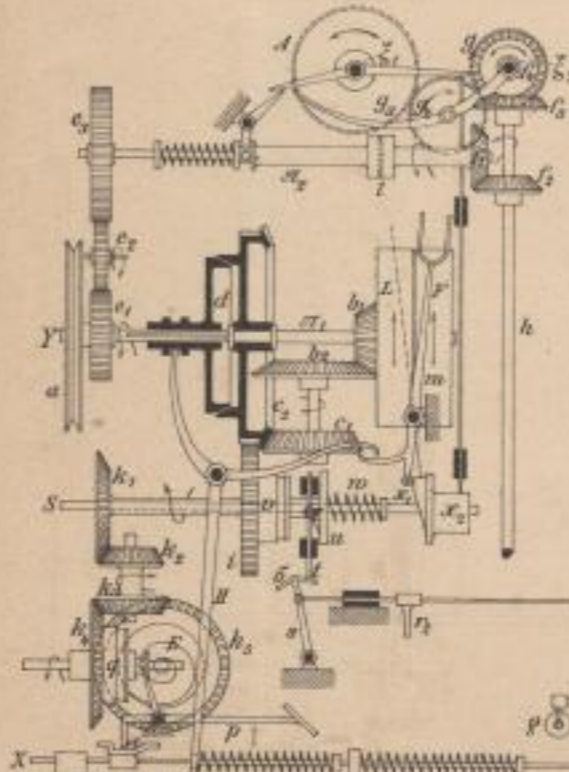


Fig. 4.



J. Thurlow. (10)

B. A. u. W. Dobson und R. Tonge. (9.)

Fig. 9.

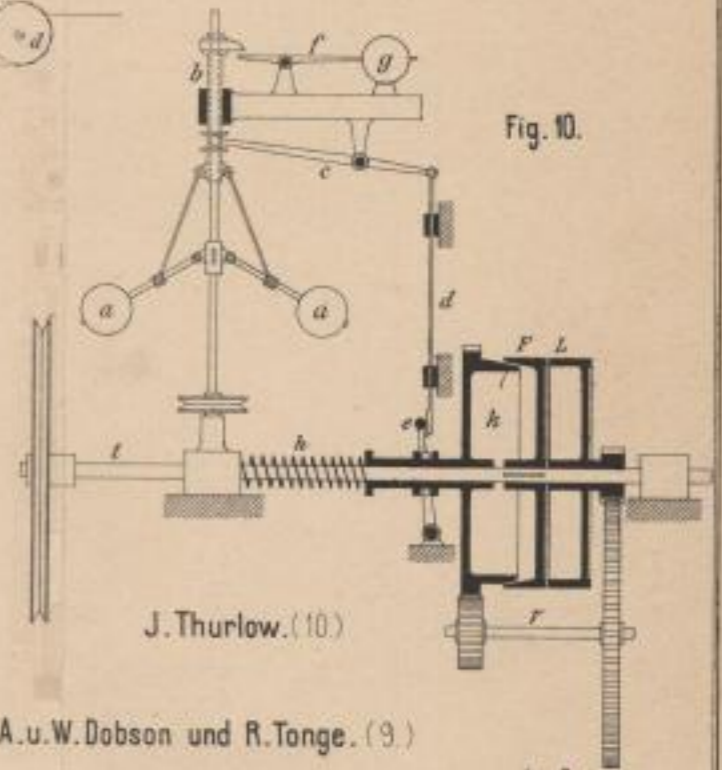
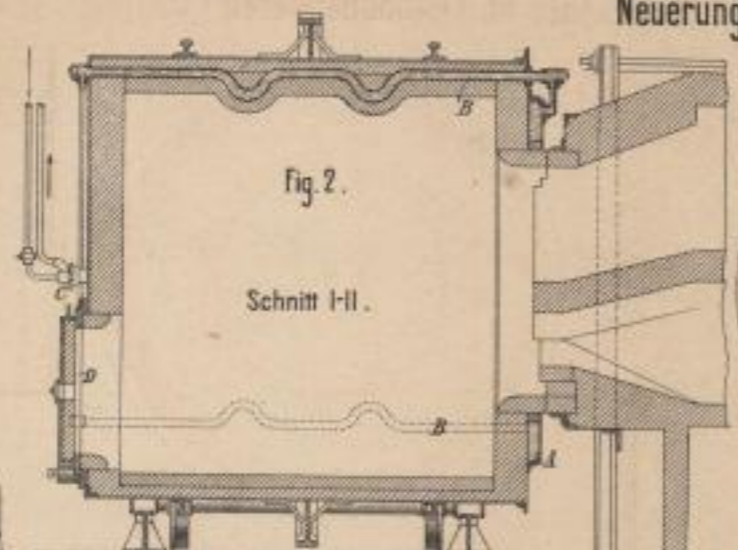
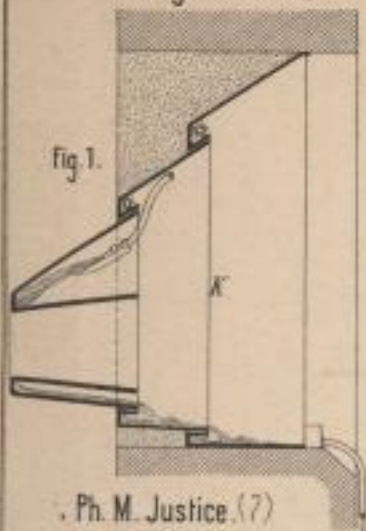


Fig. 10.

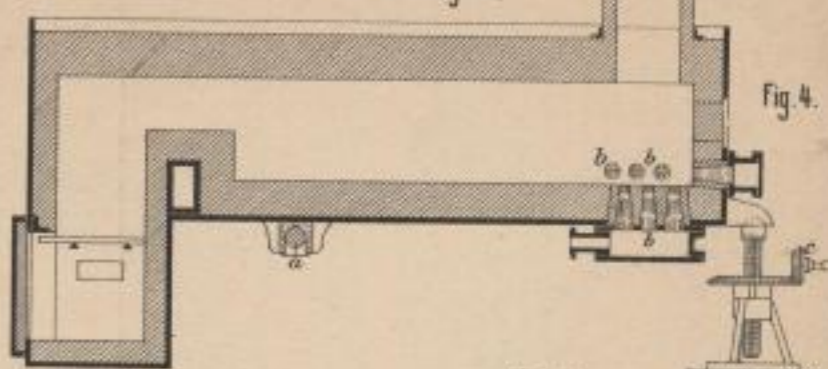
Lith. Anst. v. F. Wirtz, Darmstadt

Neuerungen im Eisenhüttenwesen. (1-13)

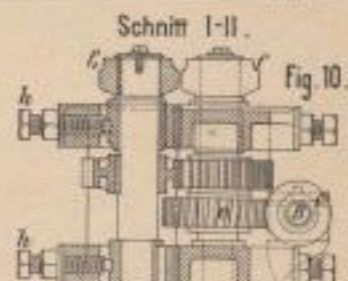
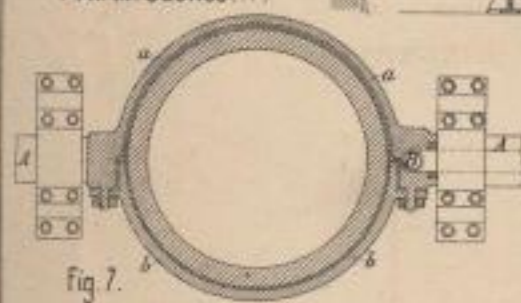
G. Hilgenstock. (1)



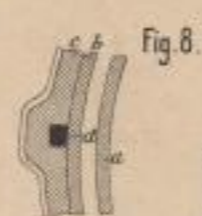
M. Ladewig. (4)



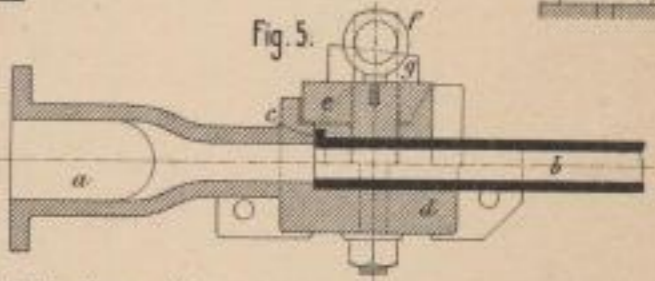
Ph. M. Justice. (7)



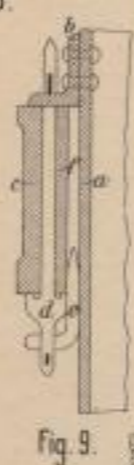
C. W. Siemens. (2 u 3)



F. Würtemberger. (5)



A. L. Holley. (8 u 9)



L. M. Lindberg. (6)

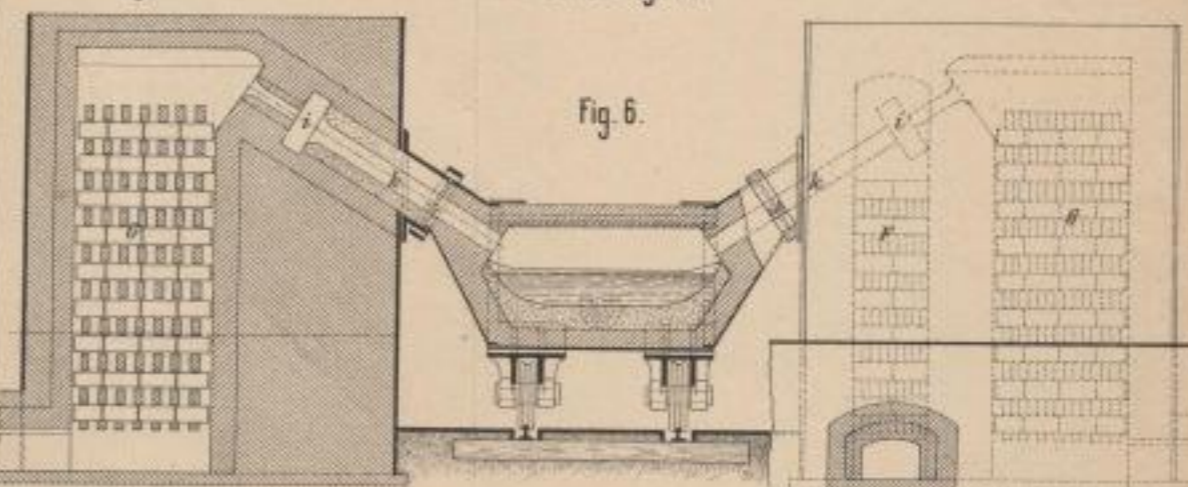
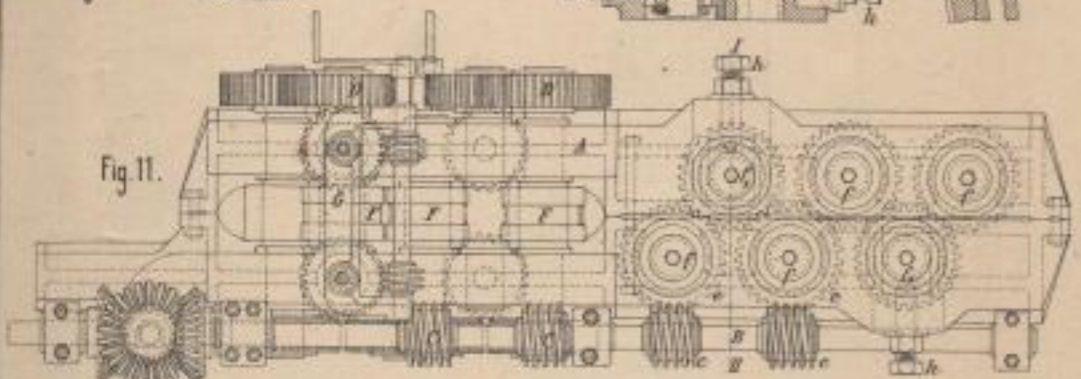


Fig. 11.



Maschinenanlage für Schienenfabrikation. (10-13)

Fig. 12.

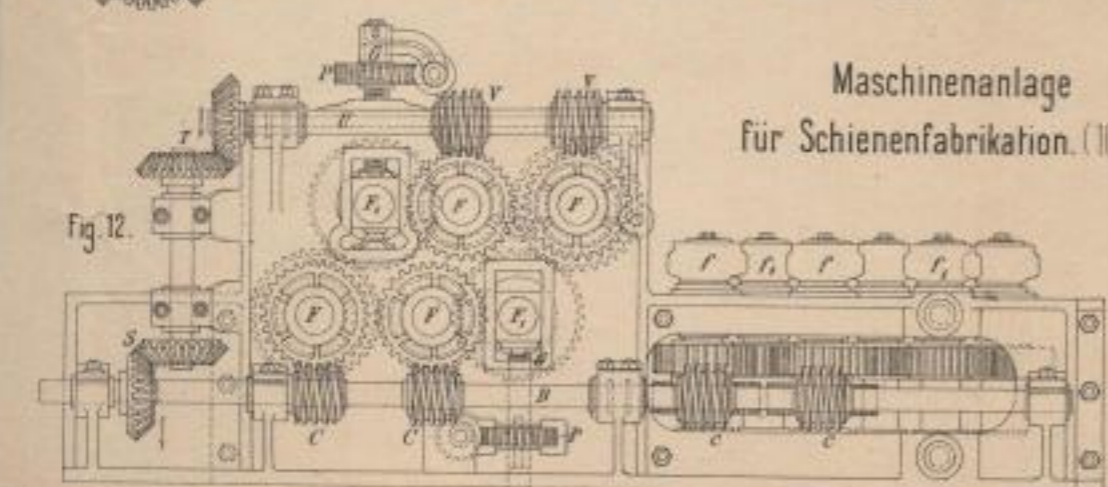
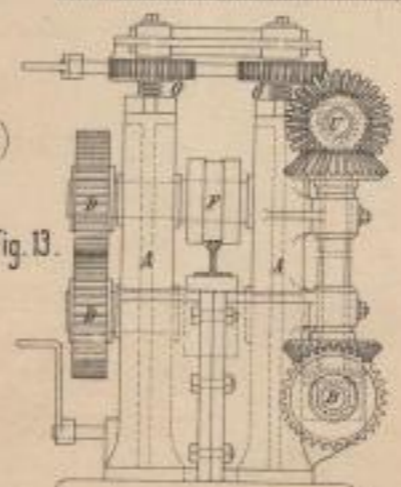


Fig. 13.

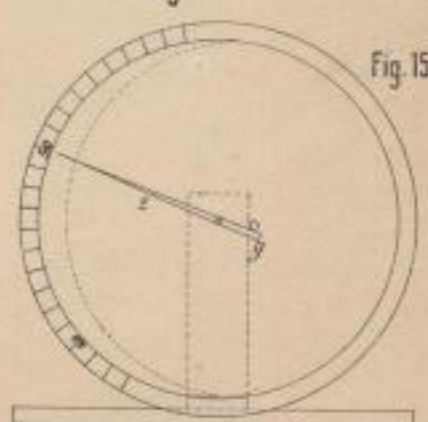


Klinkerfues' Wetteranzeiger. (14 u 15)

Fig. 14.

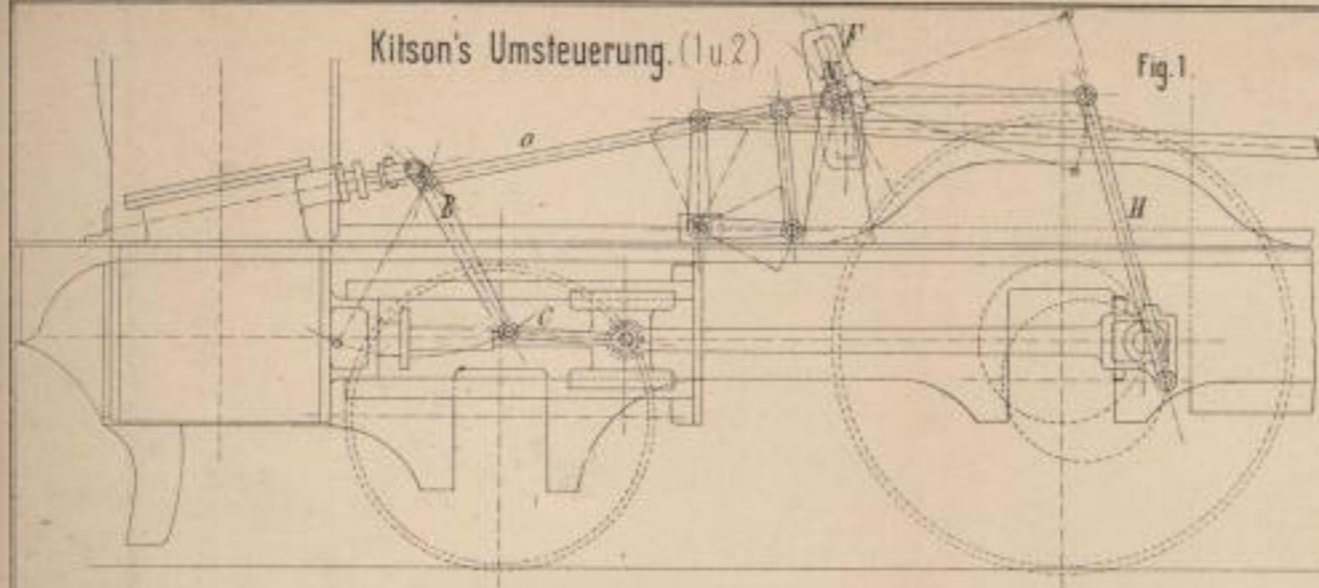


Fig. 15.

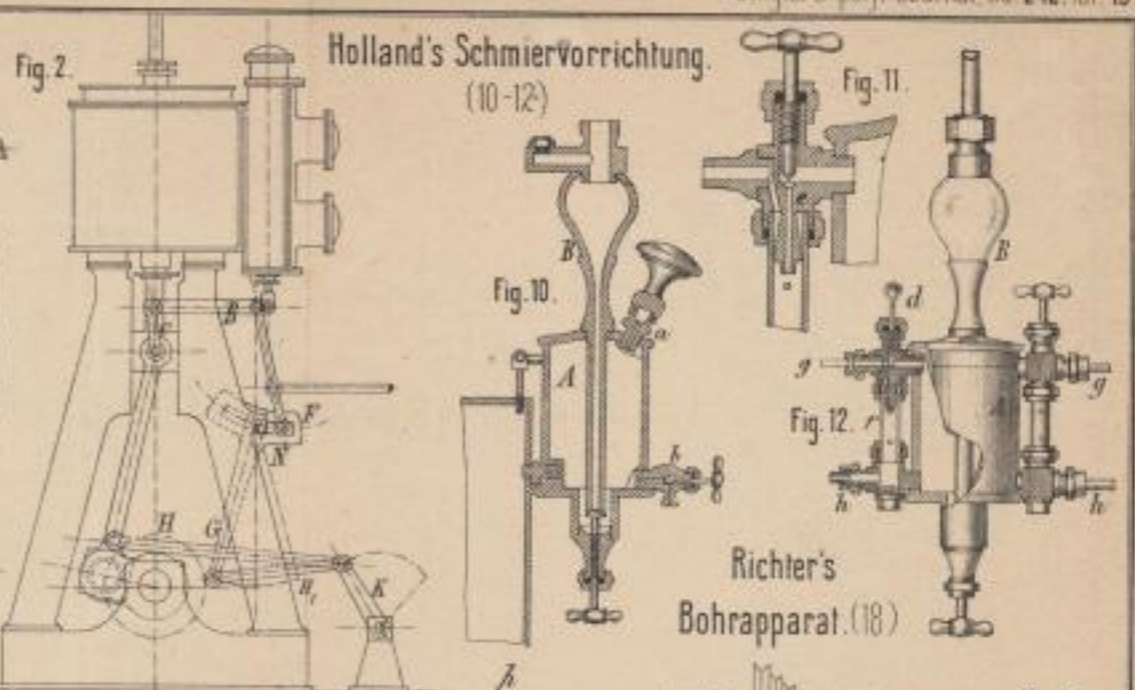


Arch. Anst. v. F. Wörz, Darmstadt.

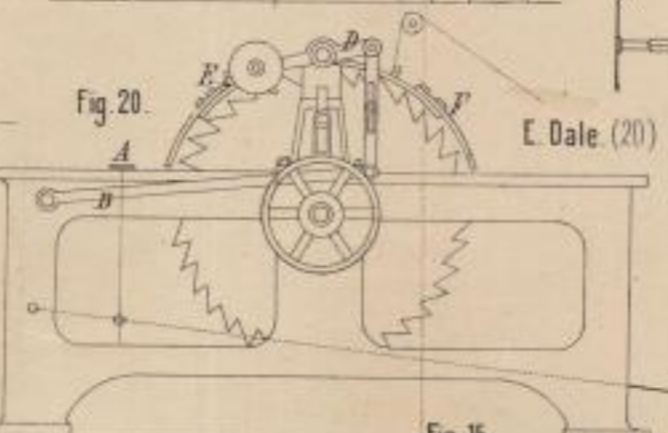
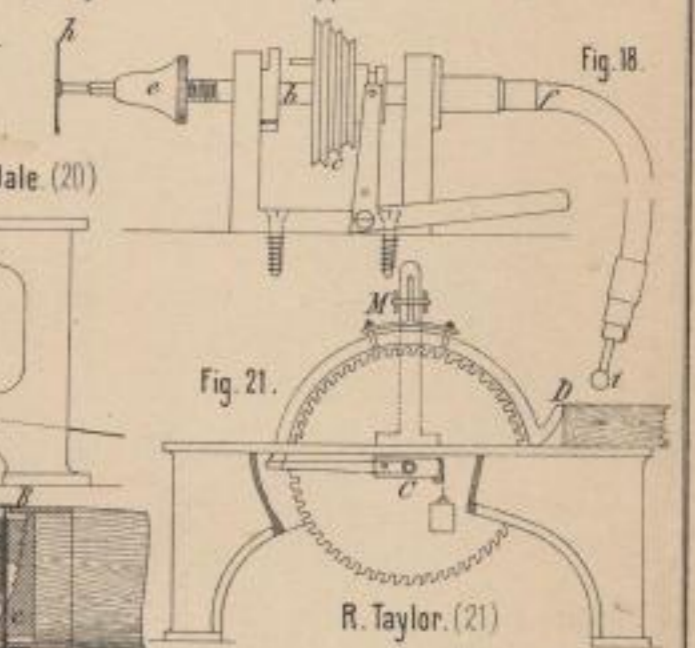
Kitson's Umsteuerung. (1 u. 2)



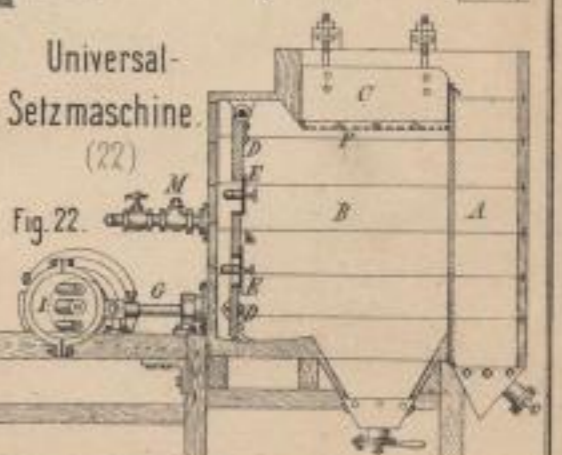
Holland's Schmiervorrichtung. (10-12)



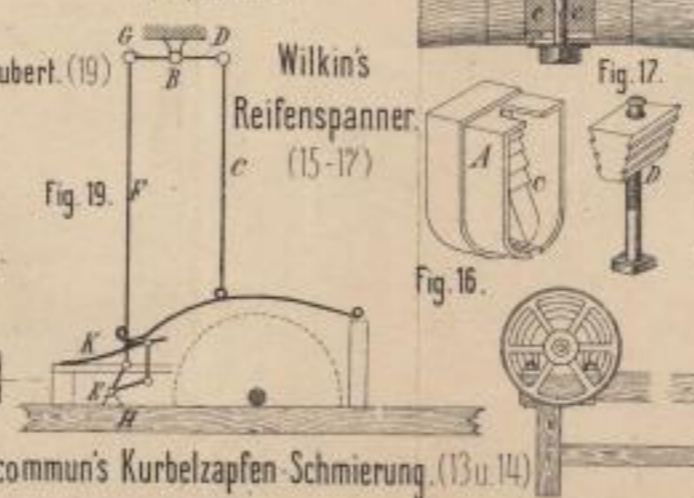
Richter's Bohrrapparat. (18)



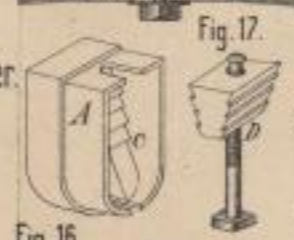
R. Taylor. (21)



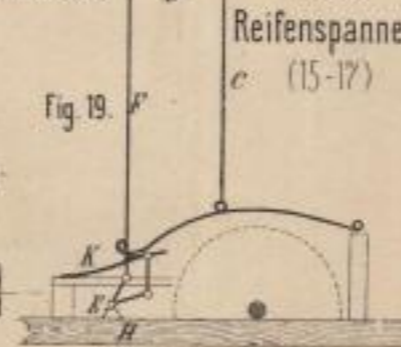
Sägeschutzvorrichtungen. (19, 20 u. 21)



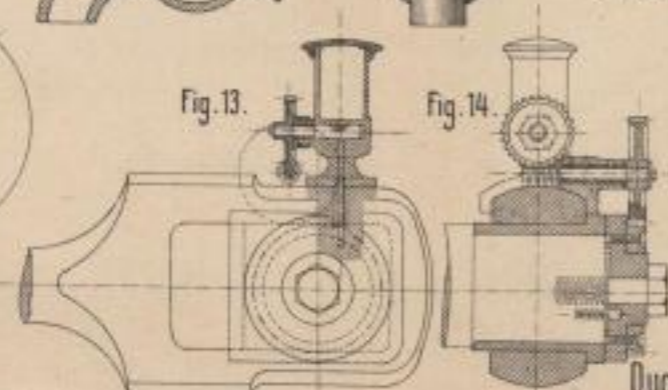
Wilkin's Reifenspanner. (15-17)



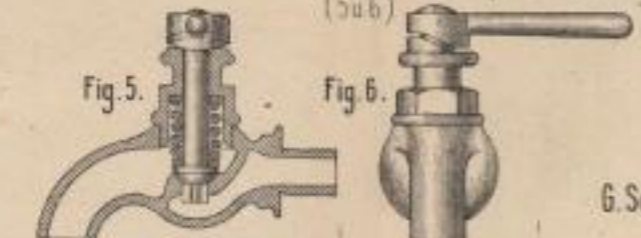
G. Schubert. (19)



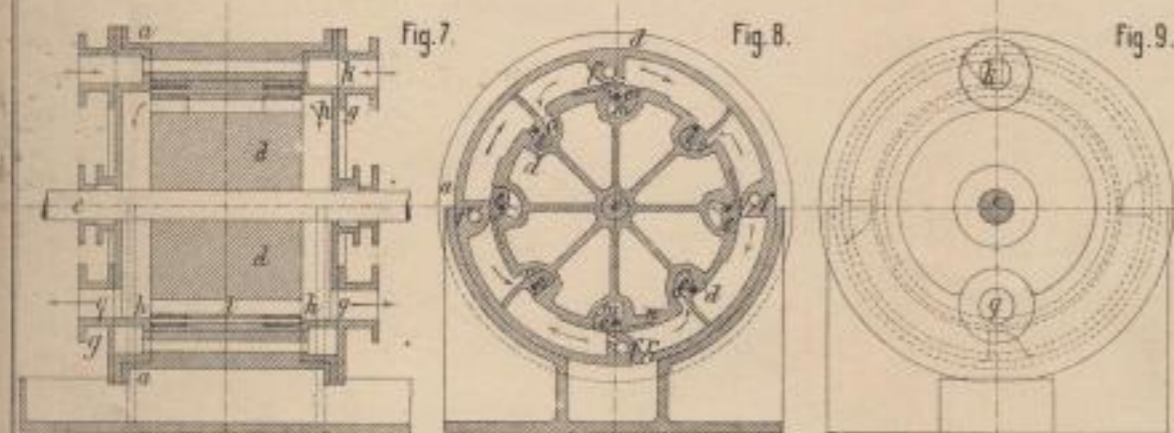
Ducommun's Kurbelzapfen-Schmierung. (13 u. 14)



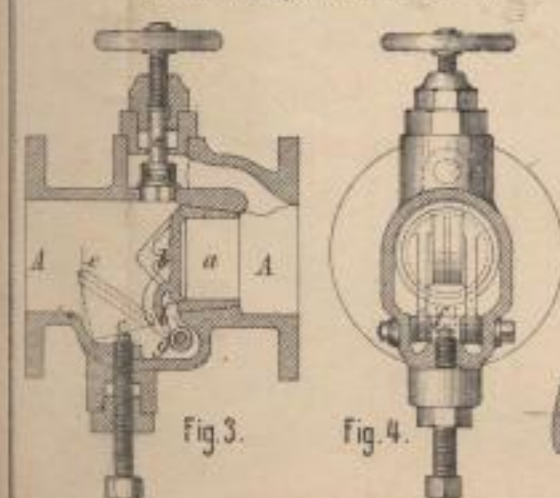
Field und Cotton's Sicherheitsprobriventil. (5 u. 6)



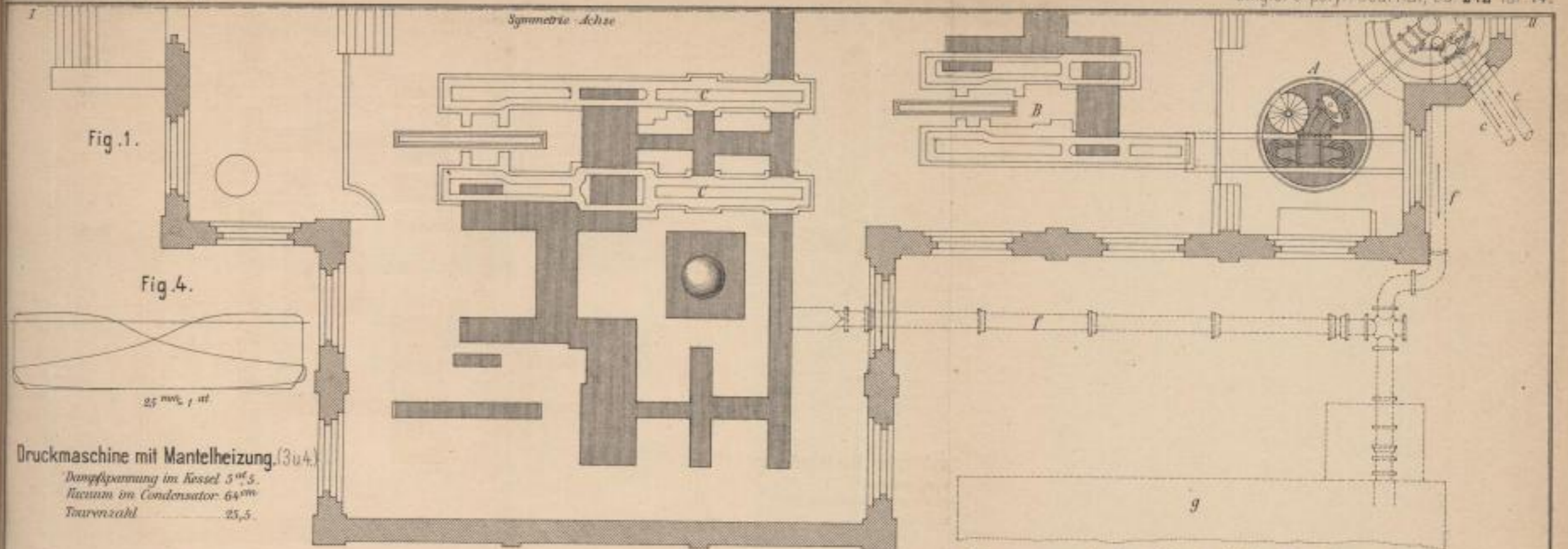
Spohn's Wassermotor. (7-9)



Laute's Absperrventil. (3 u. 4)

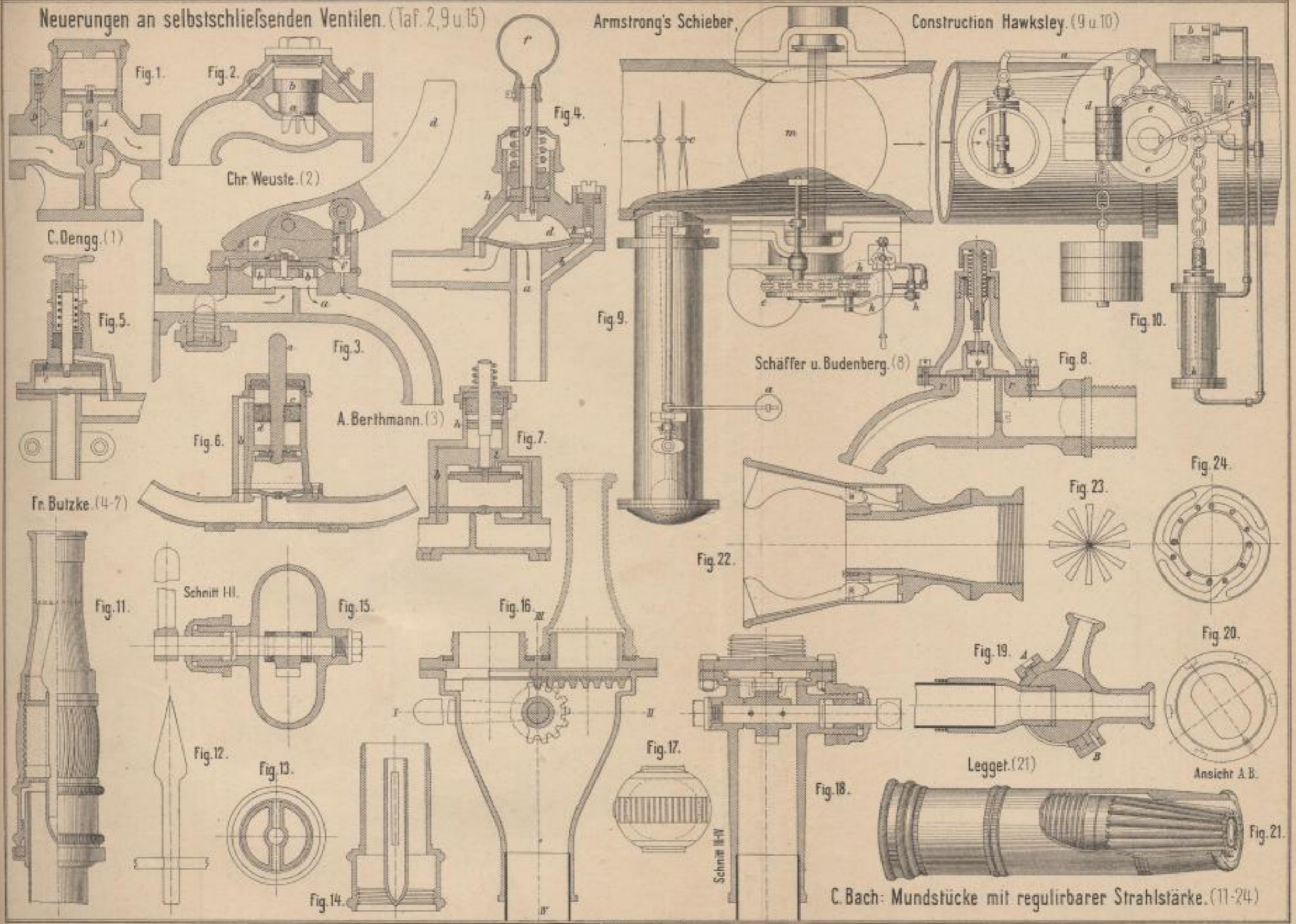


Lith. Anst. v. F. Wiese, Darmstadt



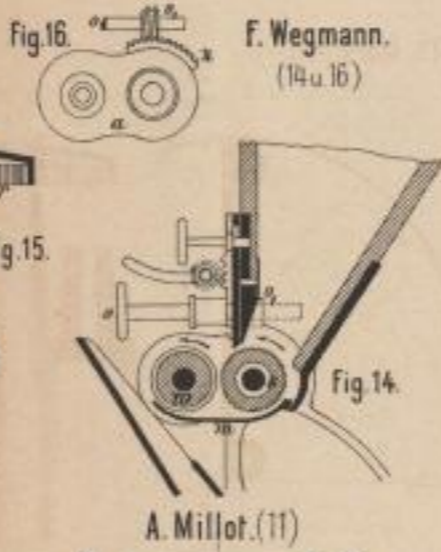
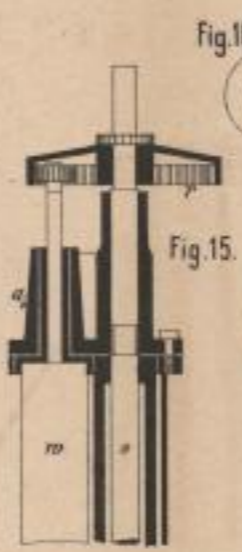
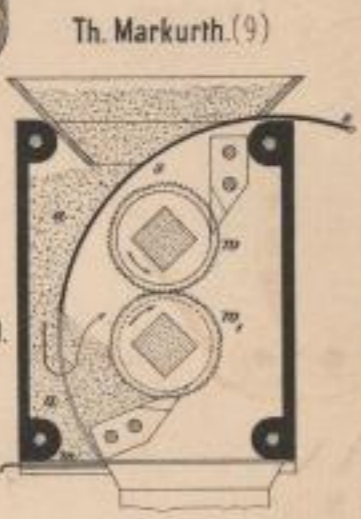
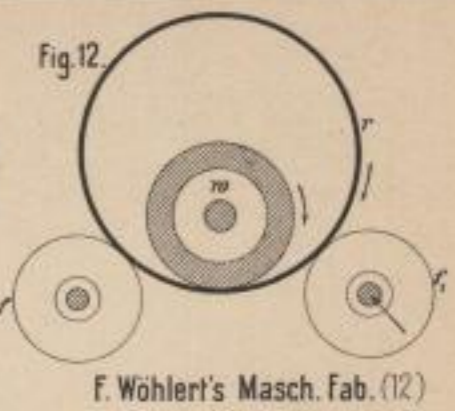
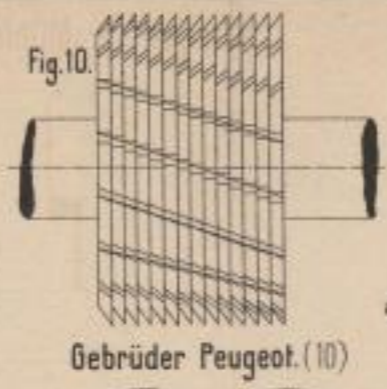
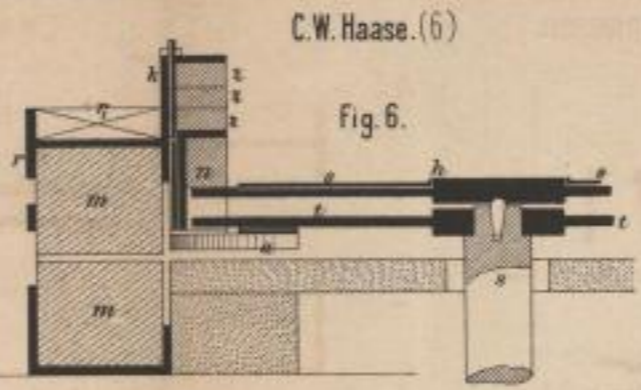
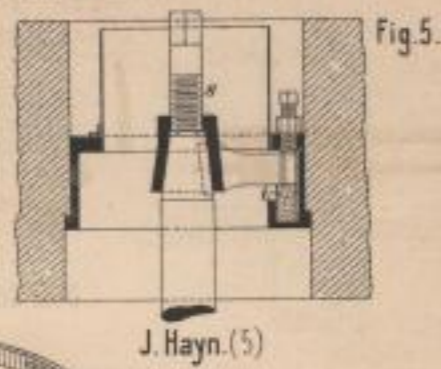
Lab. Anst. v. F. Wörte, Darmstadt.

Neuerungen an selbstschließenden Ventilen. (Taf. 2, 9 u 15)

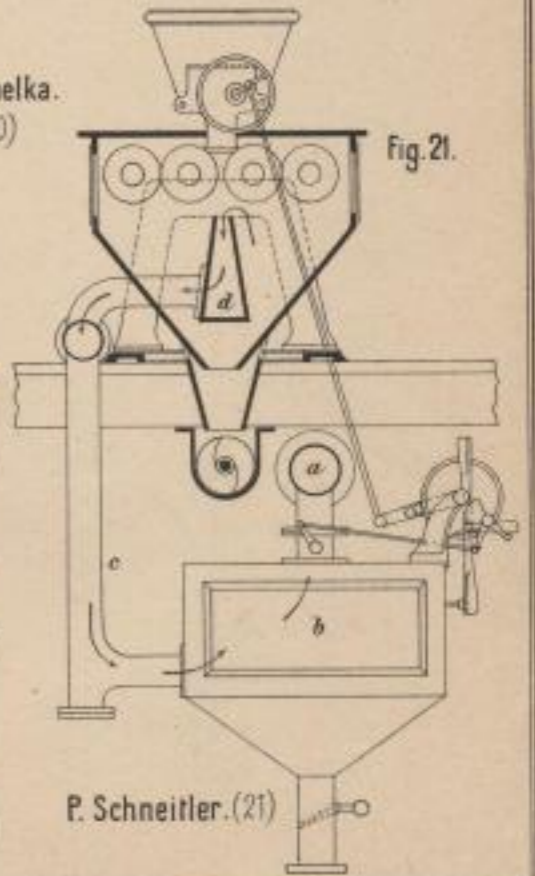
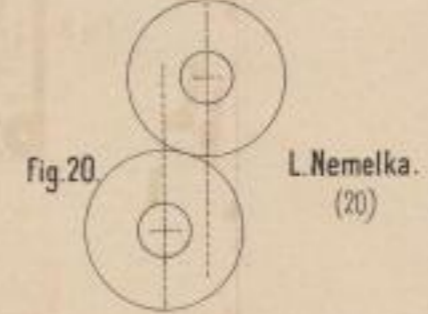
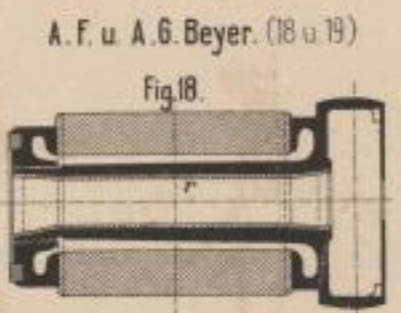
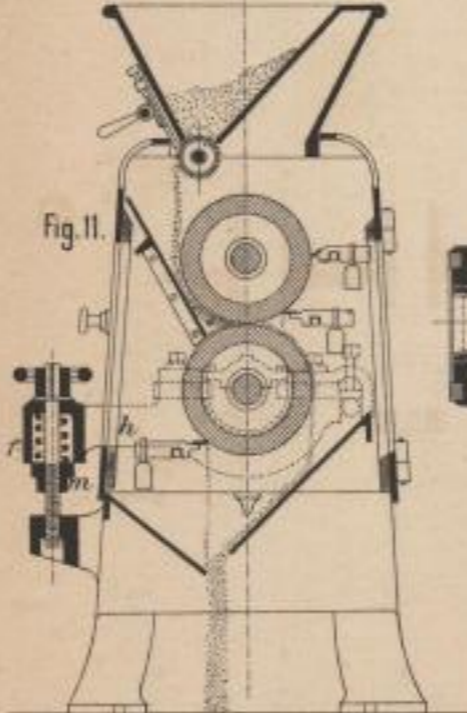
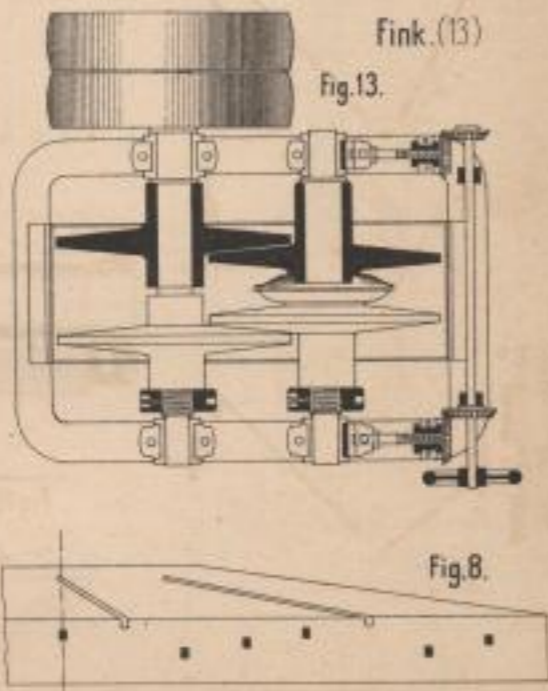
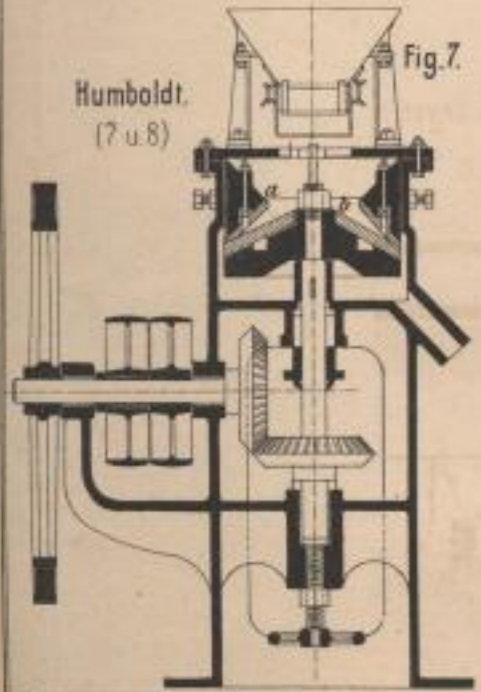
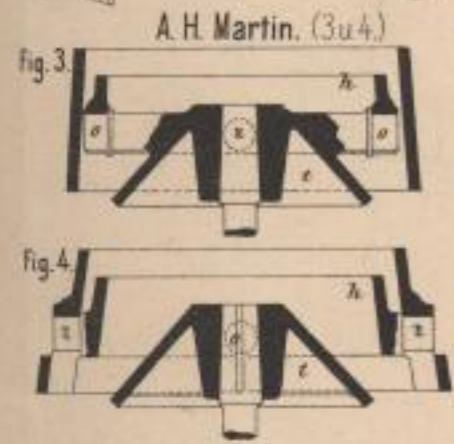
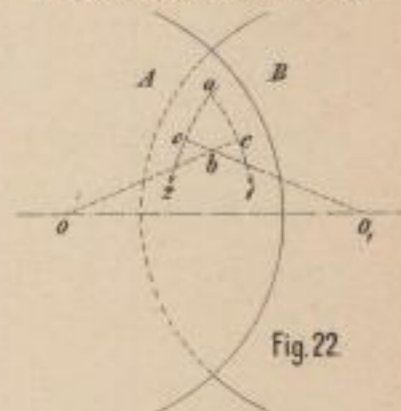
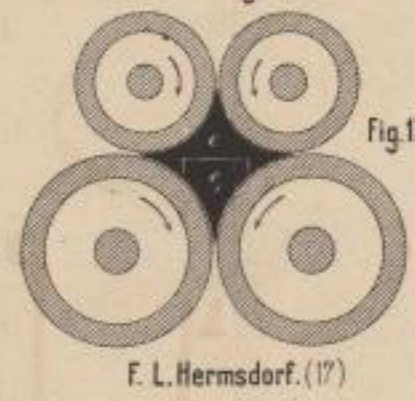


Leih. Anst. v. F. Wirtz, Darmstadt.

Neuerungen im Mühlenwesen. (Taf. 16)



F. Wegmann. (14 u. 16)



Lith. Anst. v. F. Wirtz, Darmstadt.

Neuerungen an Wirkereimaschinen. (Taf. 17)

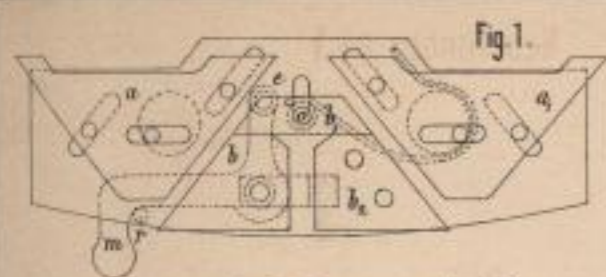


Fig. 1.

J. A. St. Biernatzki. (1-3)

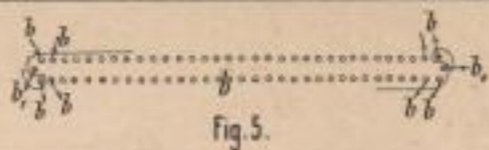


Fig. 5.



Fig. 6.



Fig. 11.



Fig. 9.

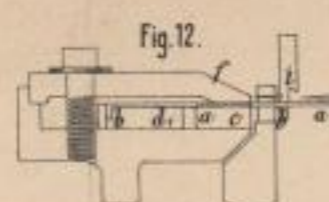


Fig. 12.

6. Hilscher. (12 u 13)

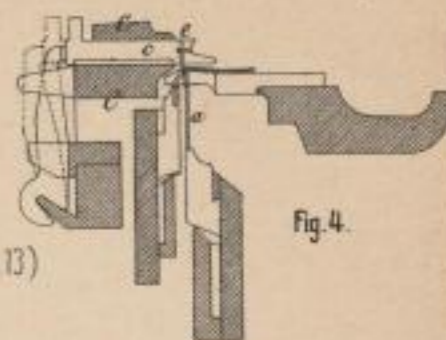


Fig. 4.

S. Lowe u. J. W. Lamb. (4)

Fig. 2.

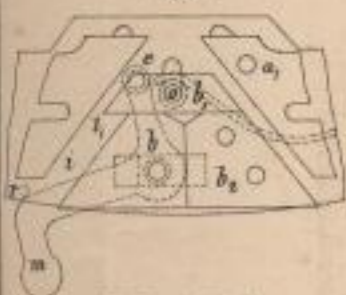


Fig. 3.



J. F. Gommerel. (5-7)

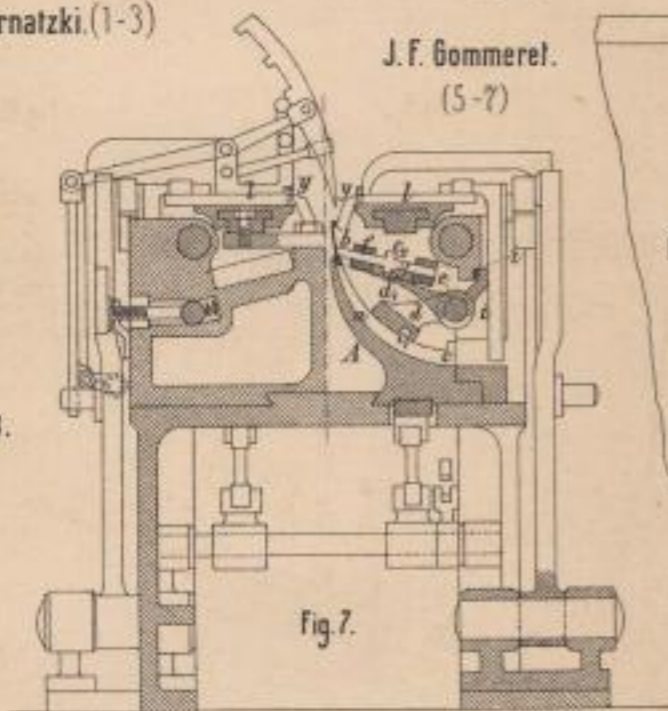
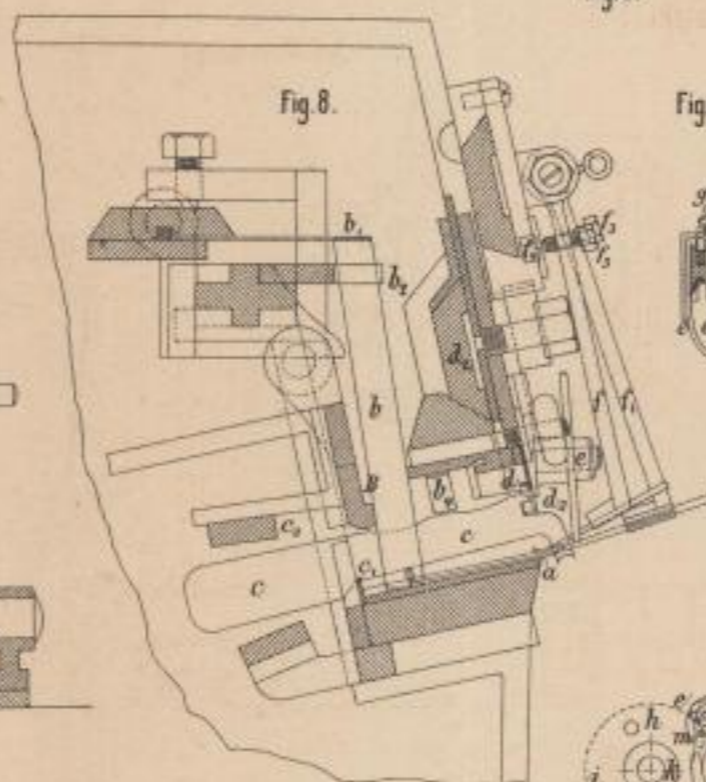


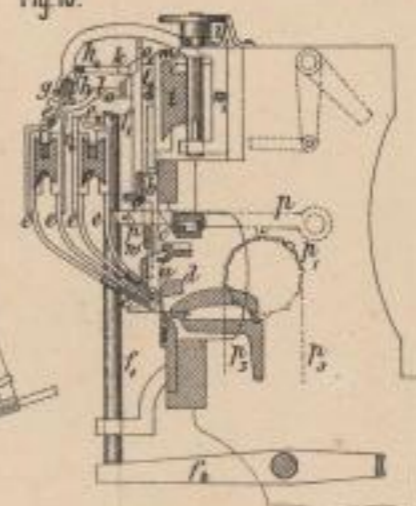
Fig. 7.

Fig. 8.



A. Schnauder u. P. König. (8)

Fig. 10.



Gebrüder Lieberknecht. (9-11)

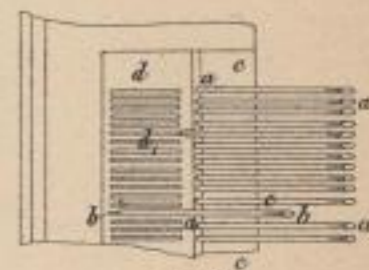


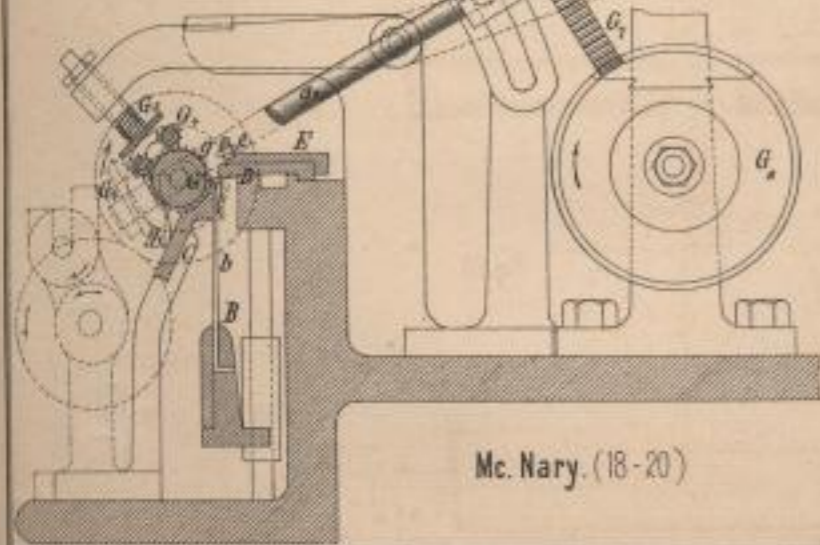
Fig. 13.

F. A. Ludwig. (17)

Fig. 19.



Fig. 18.



Mc. Nary. (18-20)

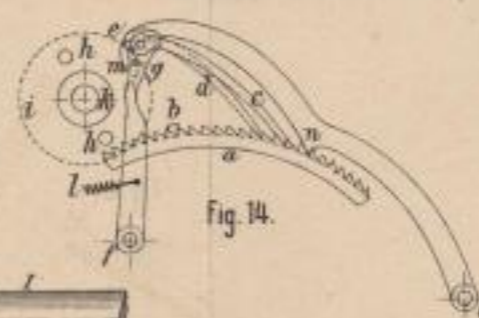


Fig. 14.

F. A. Ludwig. (14-16)

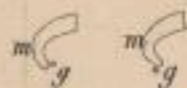


Fig. 15.



Fig. 16.

Fig. 20.

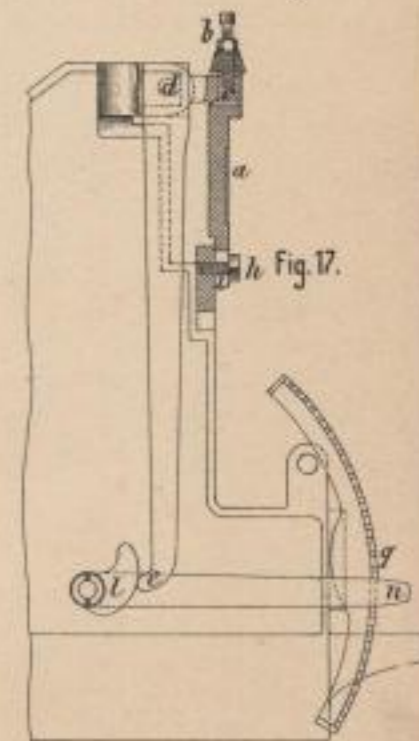
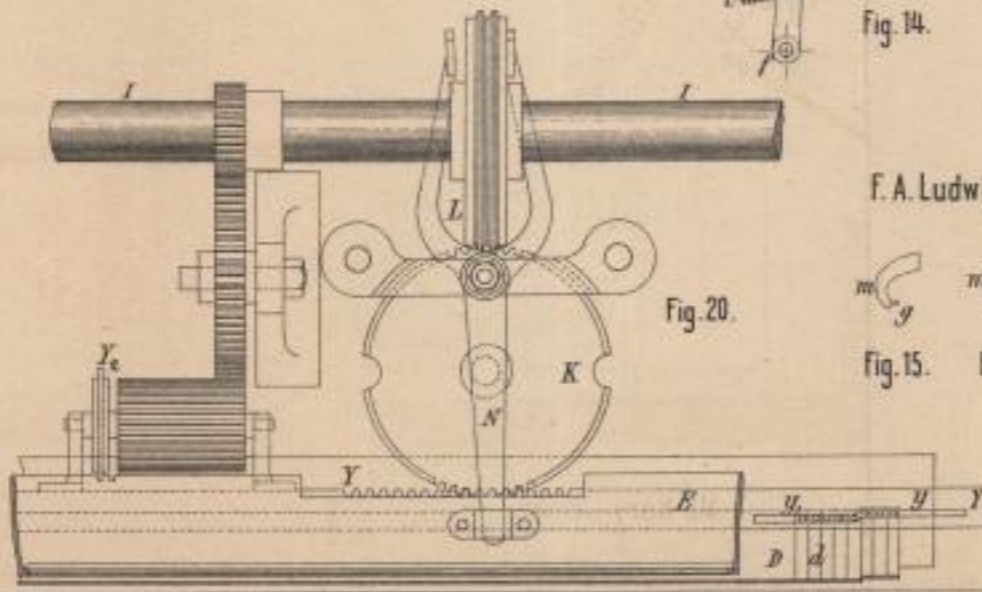
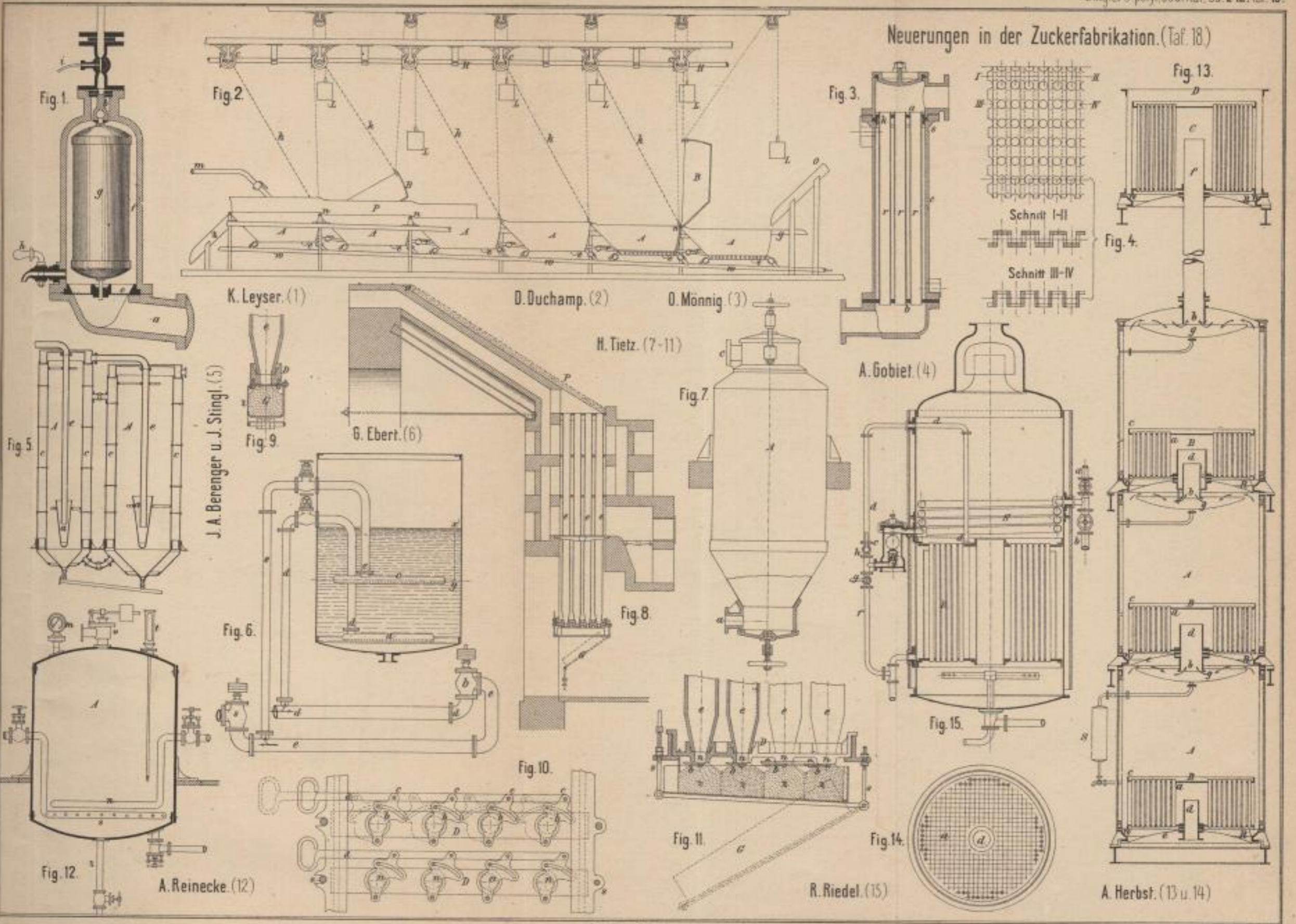


Fig. 17.

Lith. Anst. v. F. Witz, Darmstadt.

Neuerungen in der Zuckerfabrikation. (Taf. 18.)



Lith. von F. W. Dammstadt

Amerikanische Kesselexplosionen. (7-12)

Holcroft's Doppelschieber-Steuerung. (1 u. 2.)

Fig. 1.

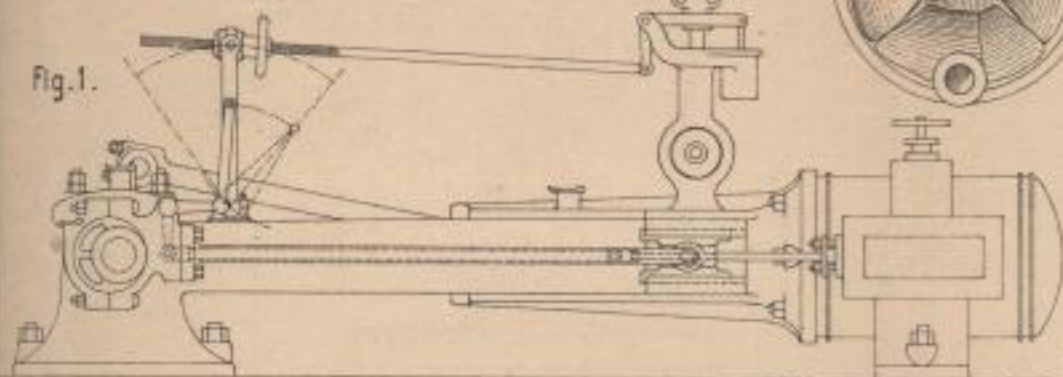


Fig. 7.

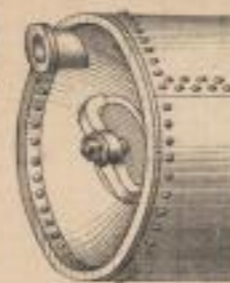
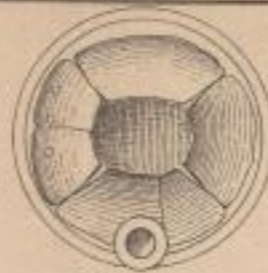


Fig. 8.

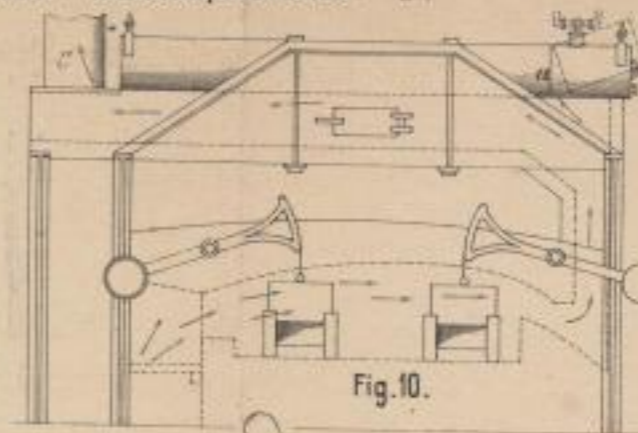


Fig. 10.

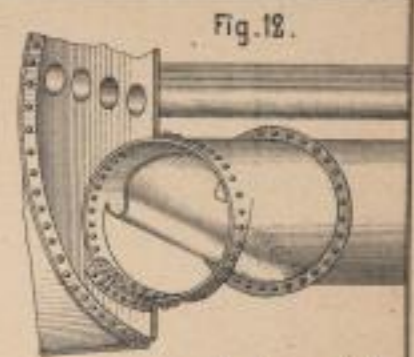
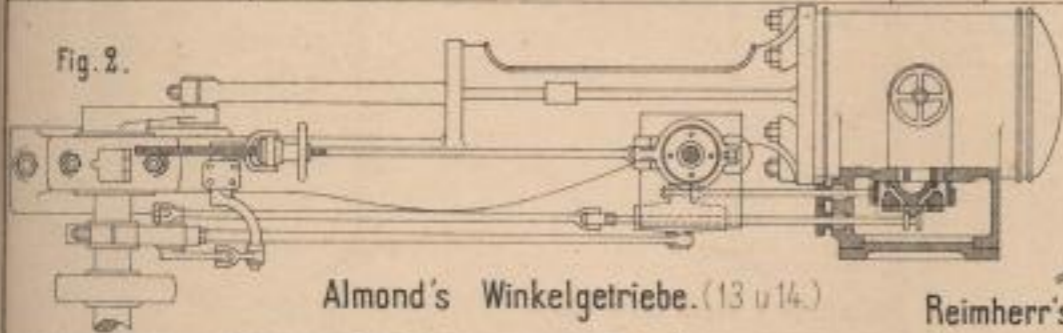


Fig. 12.

Fig. 2.



Almond's Winkelgetriebe. (13 u. 14.)

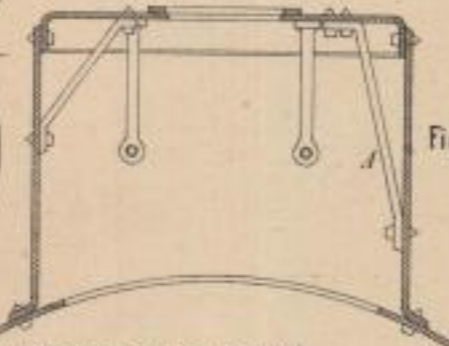


Fig. 9.

Reimherr's Nadelschmierer. (18.)

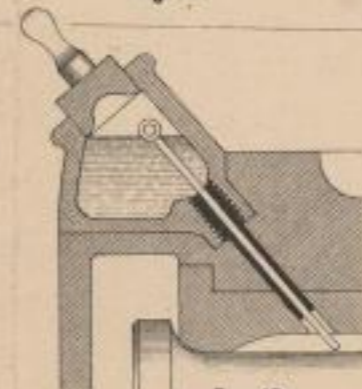


Fig. 18.

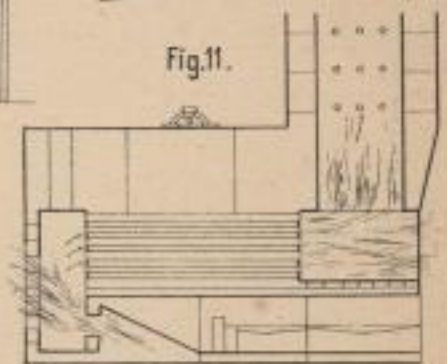
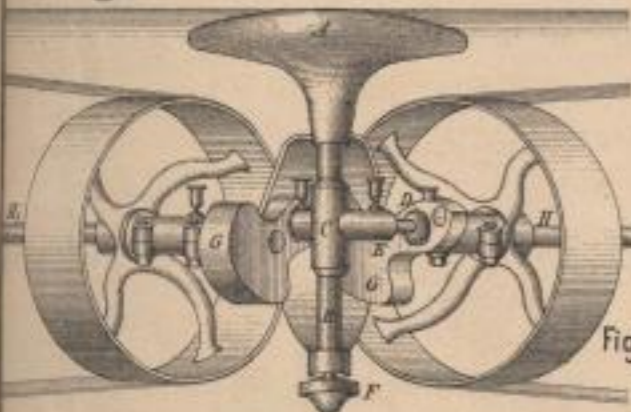


Fig. 11.



Outridge's

Dampfmaschine. (3 u. 4-6.)

Fig. 13.

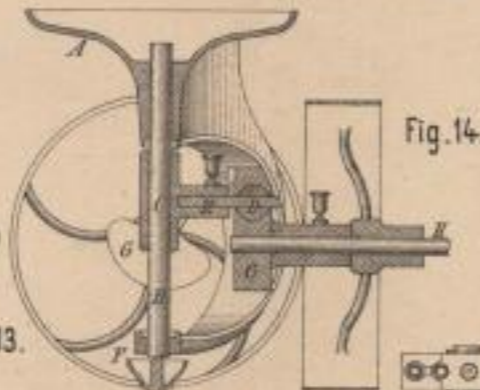


Fig. 14.

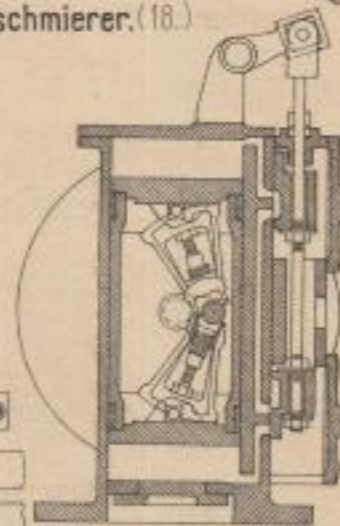


Fig. 3.

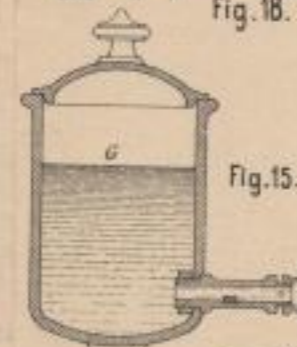
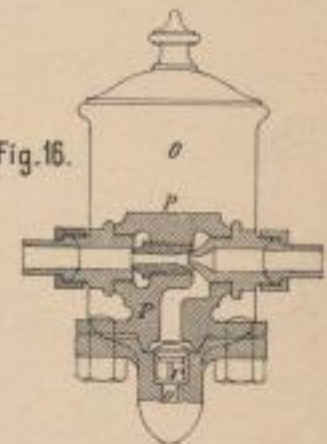


Fig. 15.

Fig. 16.



Royle's Schmierapparat. (15-17.)

Fig. 4.

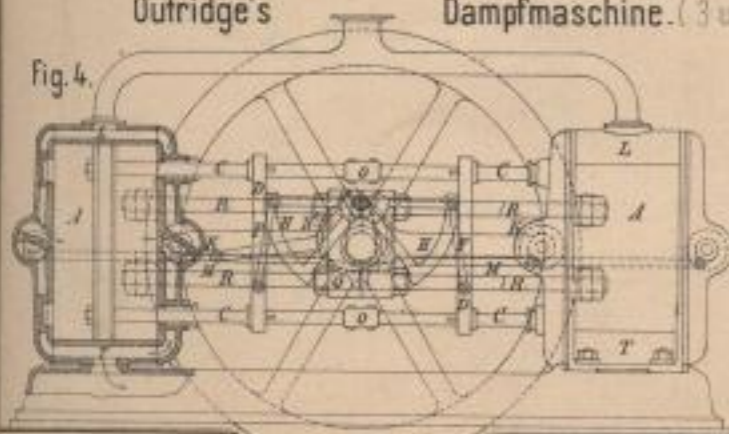


Fig. 5.

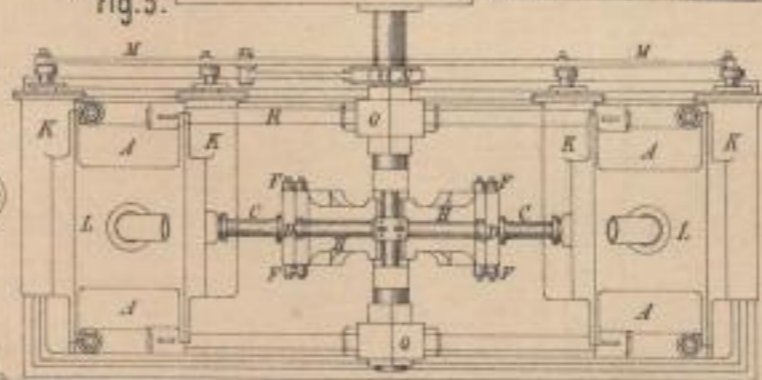
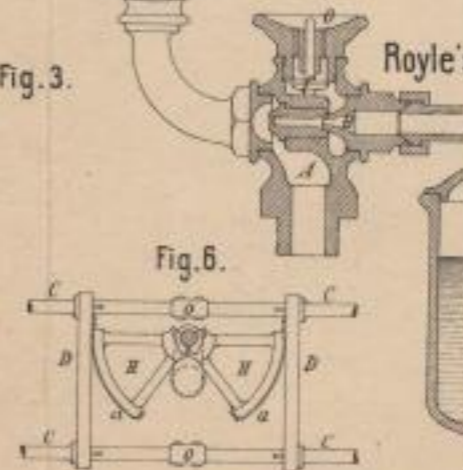


Fig. 6.



Frederik's Bleistifthalter. (19.)

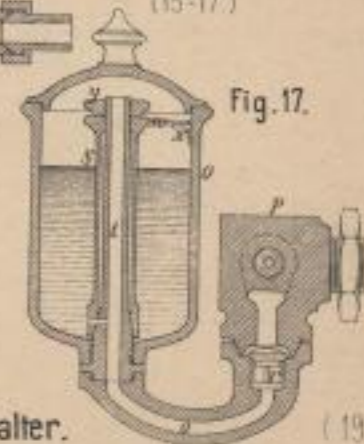
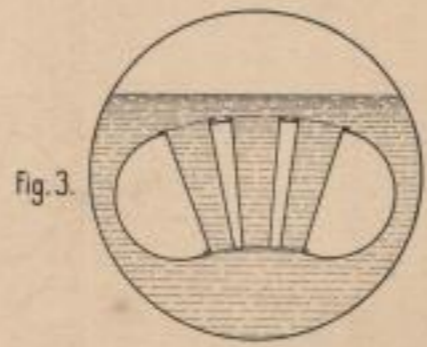
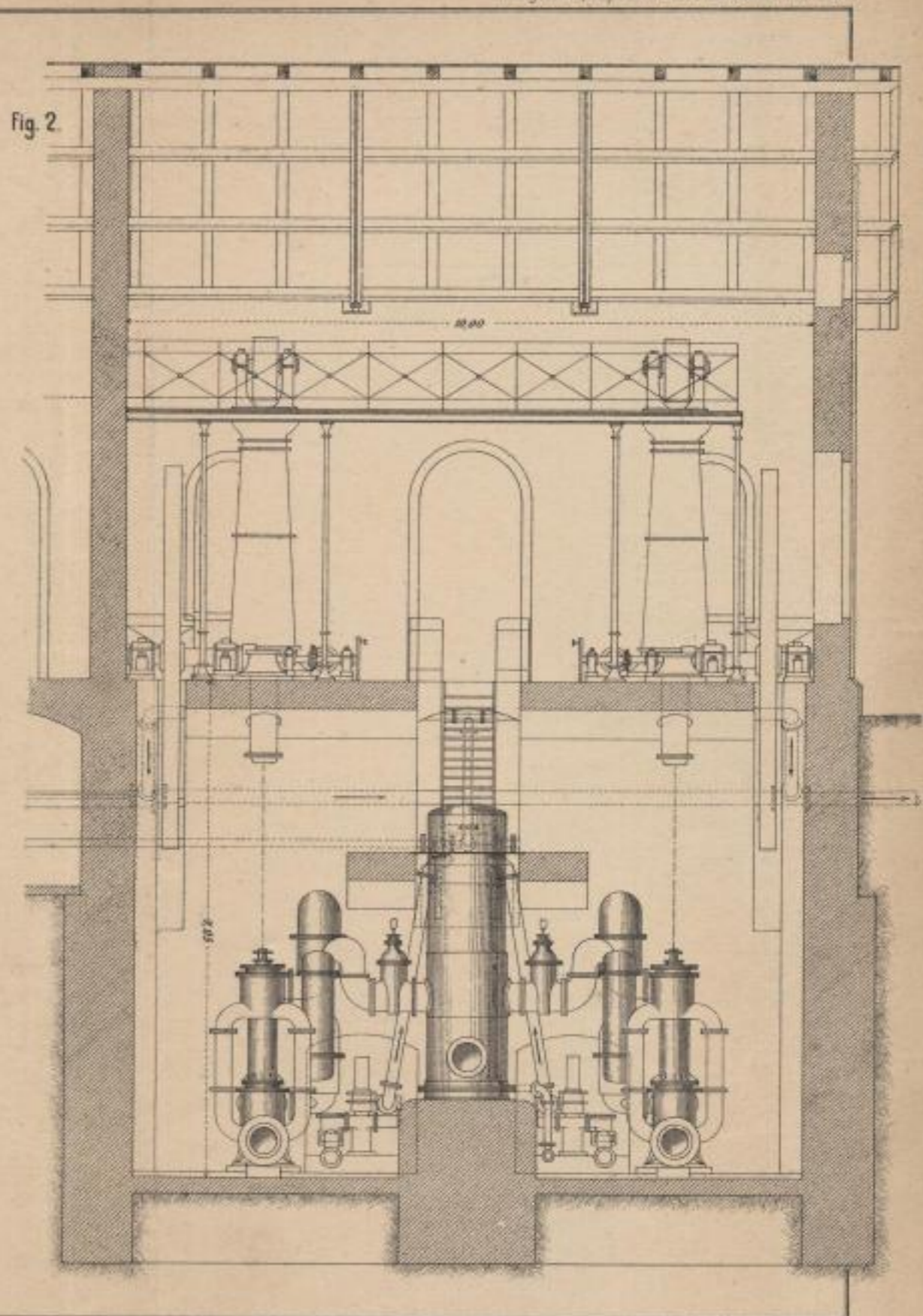
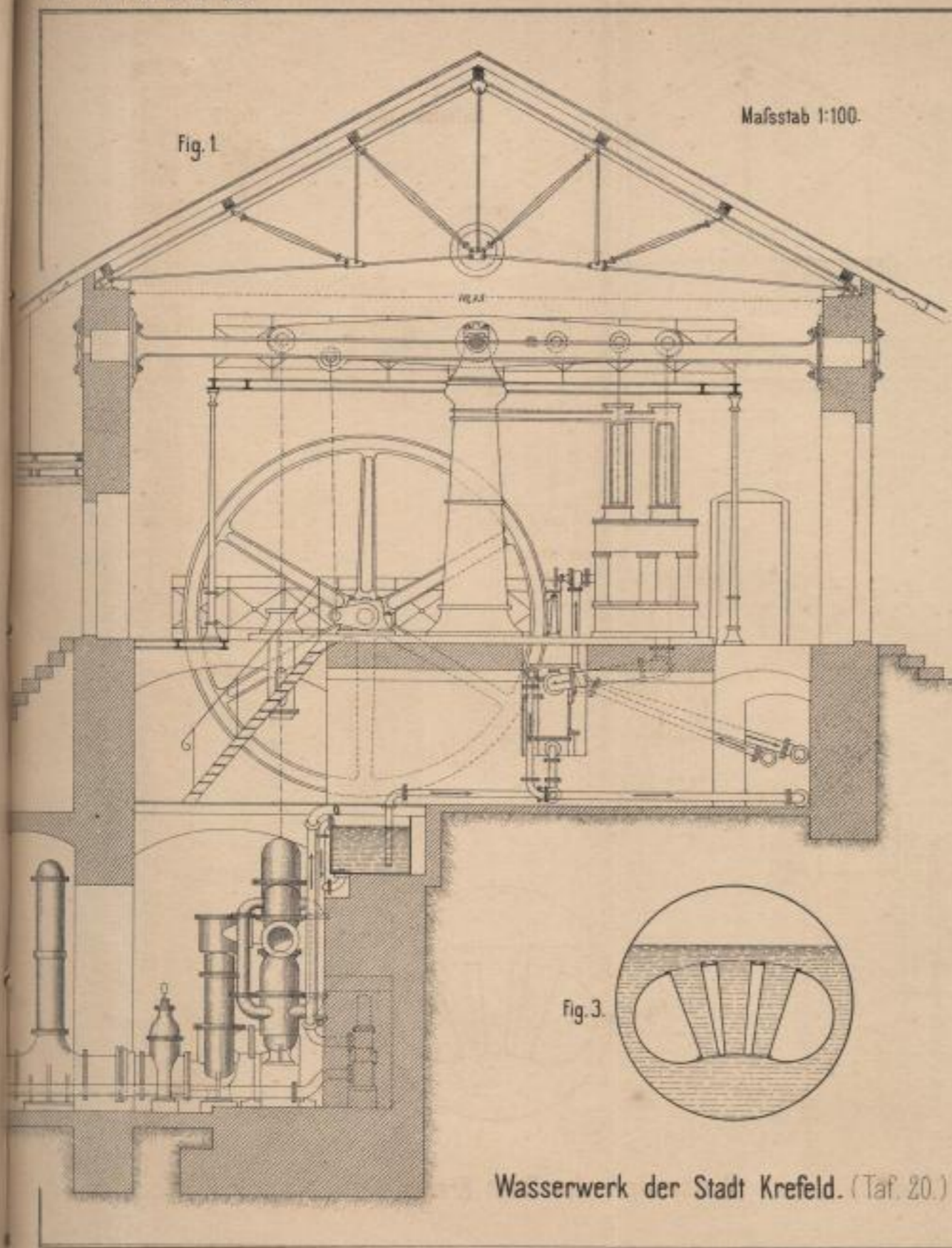


Fig. 17.



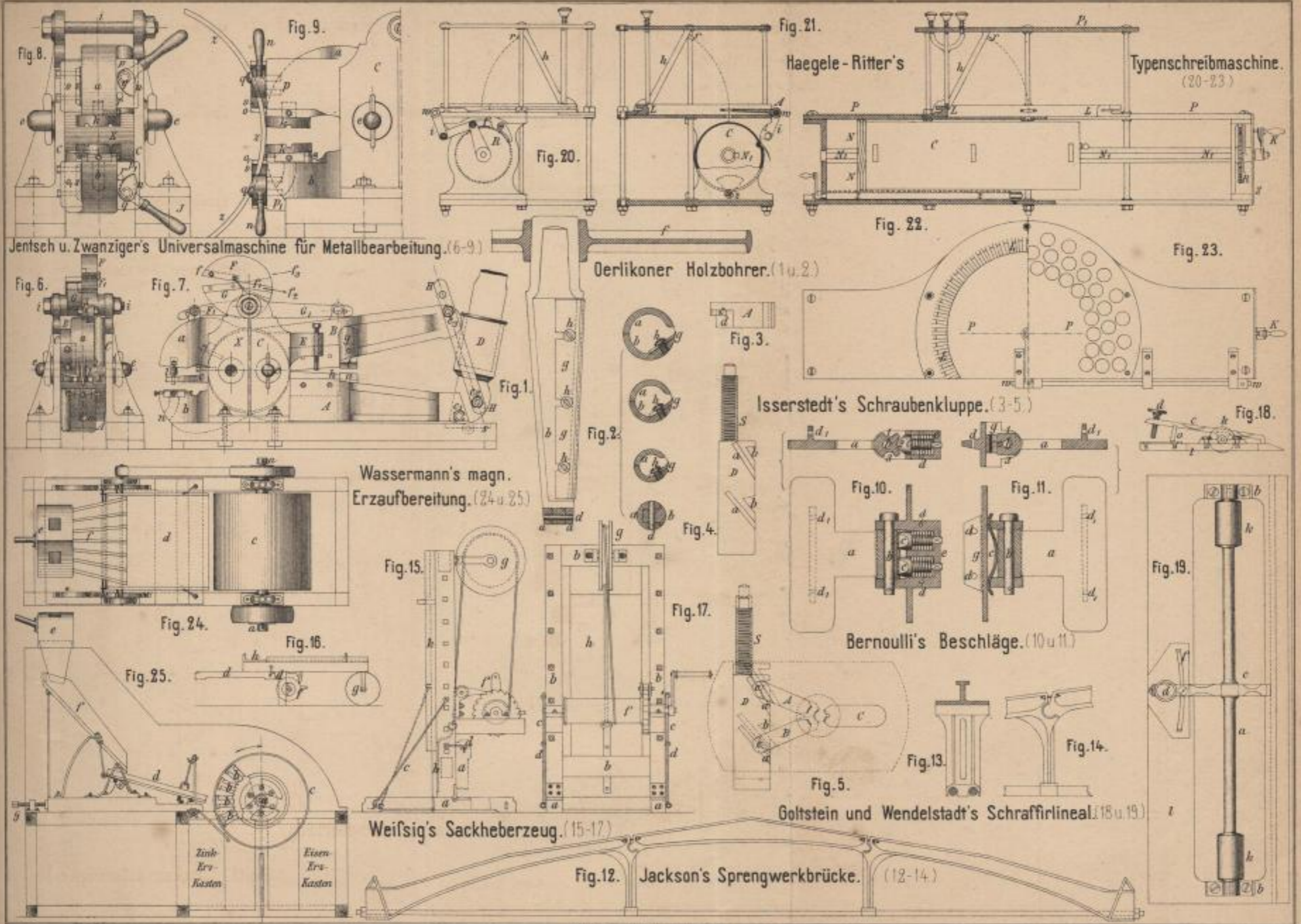
Fig. 19.

Lith. Aus v. F. Wirtz, Darmstadt.



Wasserwerk der Stadt Krefeld. (Taf. 20.)

Lith. Anst. v. P. Wirtz, Darmstadt.



Lith. Anst. v. F. Wirtz, Darmstadt.

Neuerungen im Mühlenwesen. (Taf. 16 u. 22.)

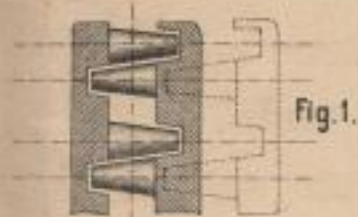


Fig. 1.

C.G.W. Kapler. (1)

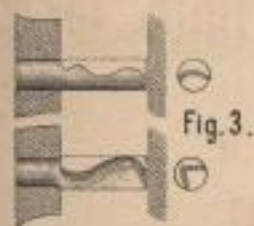


Fig. 3.

A. Millot. (5-7)

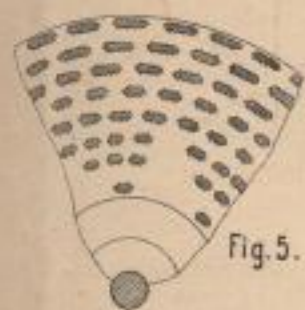


Fig. 5.



Fig. 2.

Ferd. Kraus. (2 u. 3)

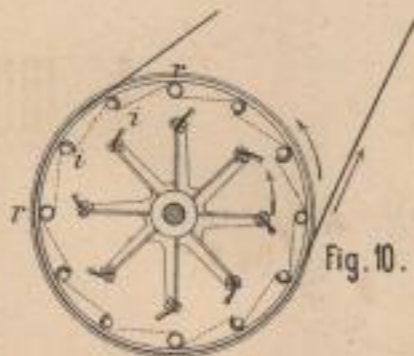


Fig. 10.

H. Seck. (10)



Fig. 11.

Ferd. Kraus. (11)



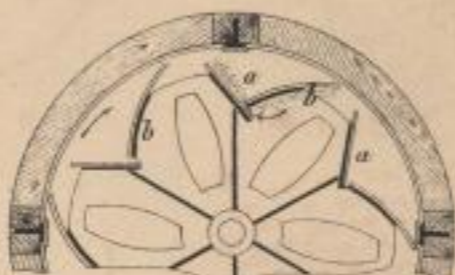
Fig. 6.

A. Millot. (5-7)



Fig. 7.

Fig. 12.



H. Sellnick. (12)

H. Scharffenberg. (8)

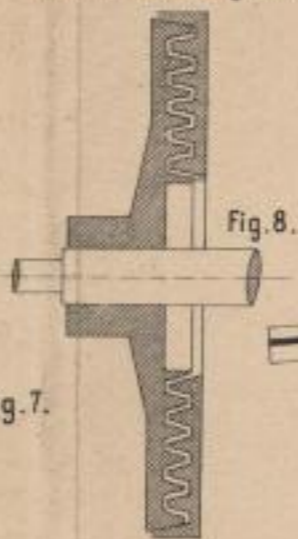


Fig. 8.

August Rudolf. (15)



Fig. 13.

C. Müller. (13)

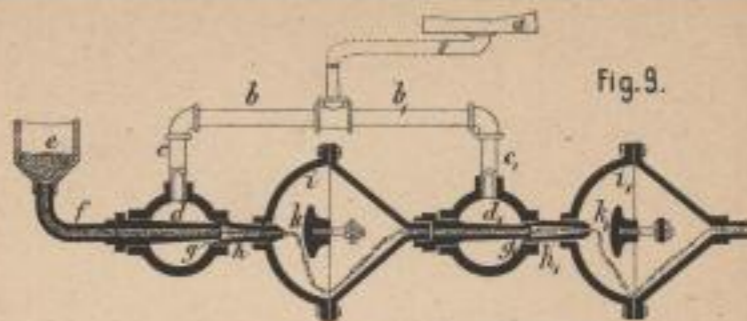


Fig. 9.

L.S. Chichester. (9)

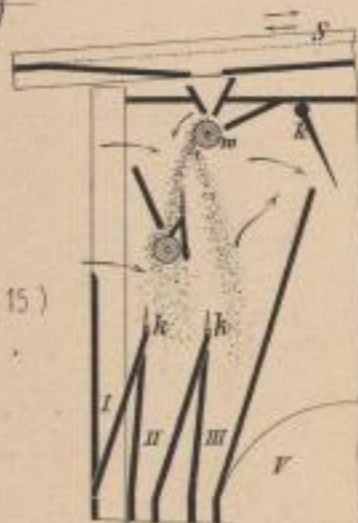


Fig. 15.

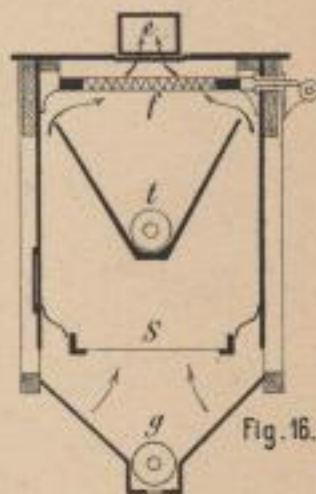


Fig. 16.

Oscar Oexle. (16)

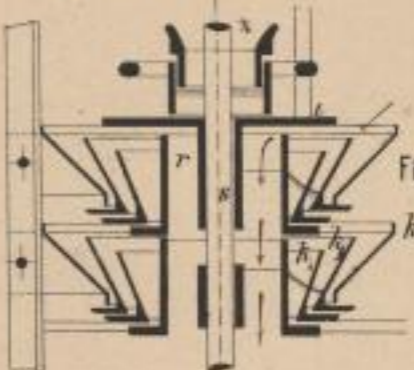


Fig. 17.

F. Thompson u. W. H. Williamson. (17)



Fig. 18.

K. Auerbach. (18)

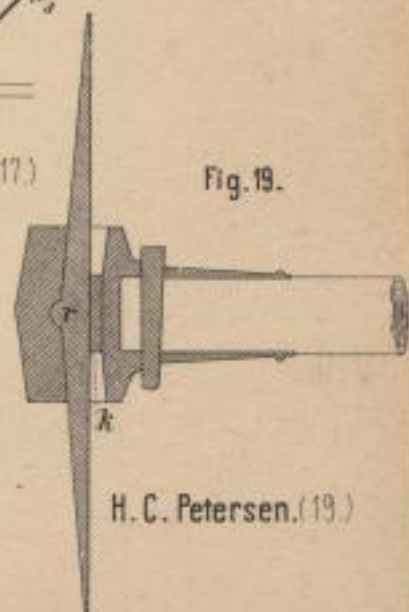


Fig. 19.

H. C. Petersen. (19)

A. Millot. (14)

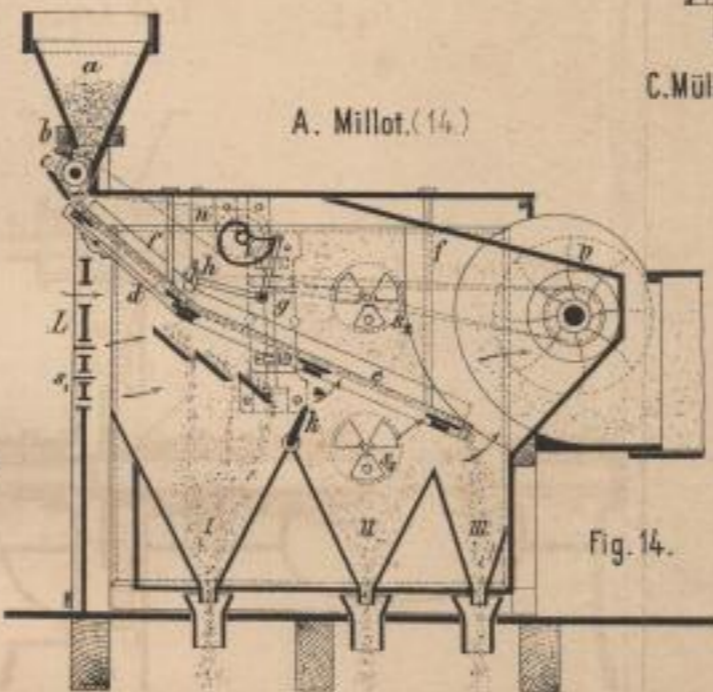
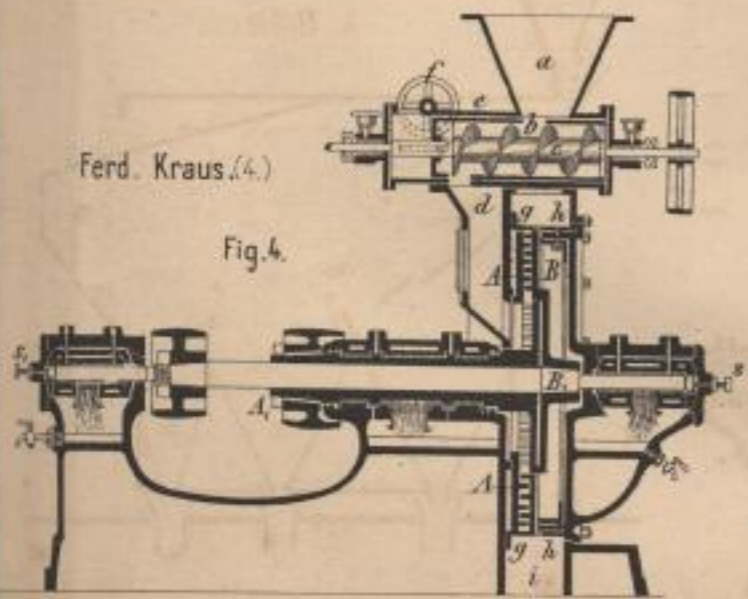


Fig. 14.

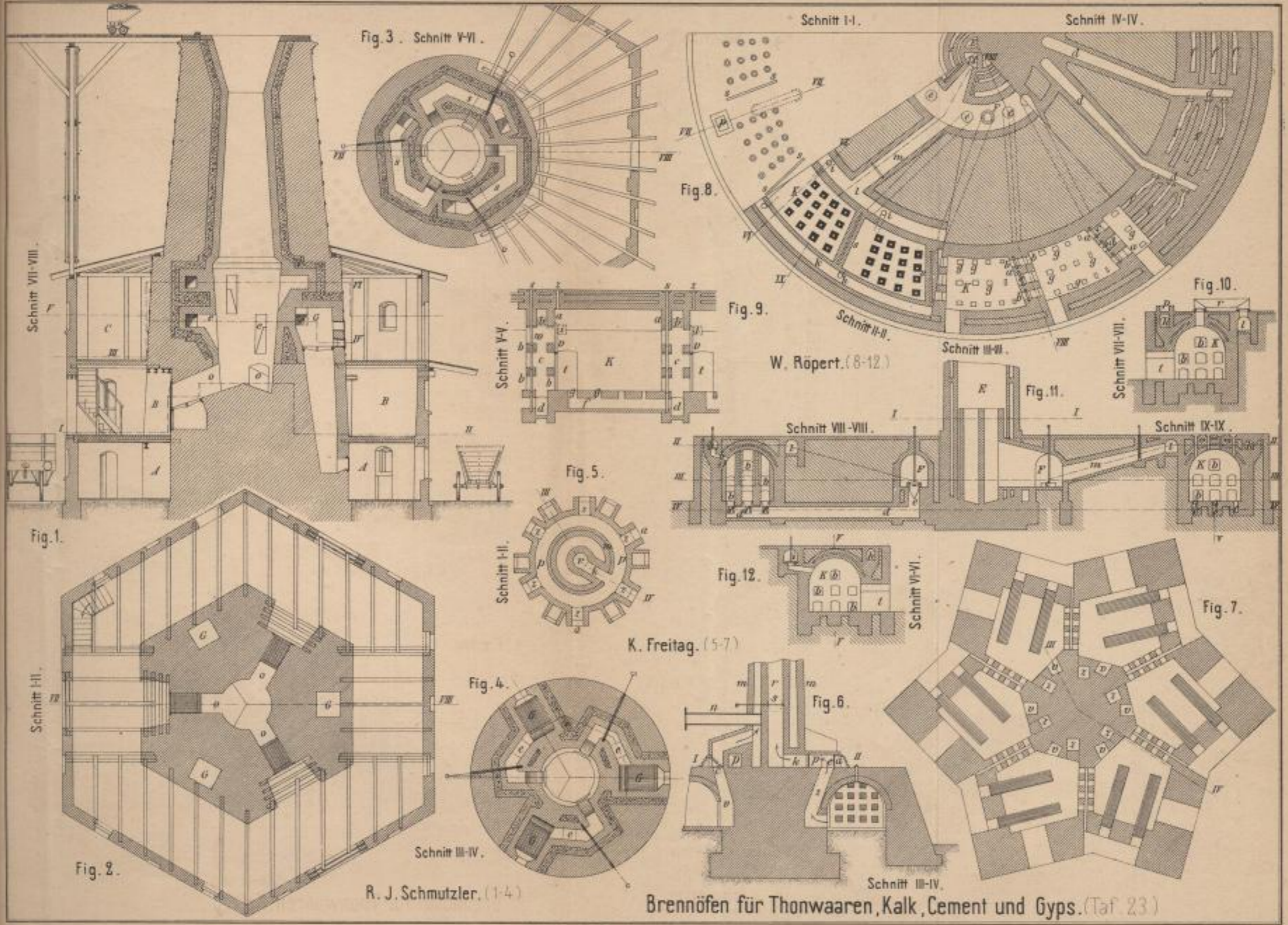
Ferd. Kraus. (4)

Fig. 4.

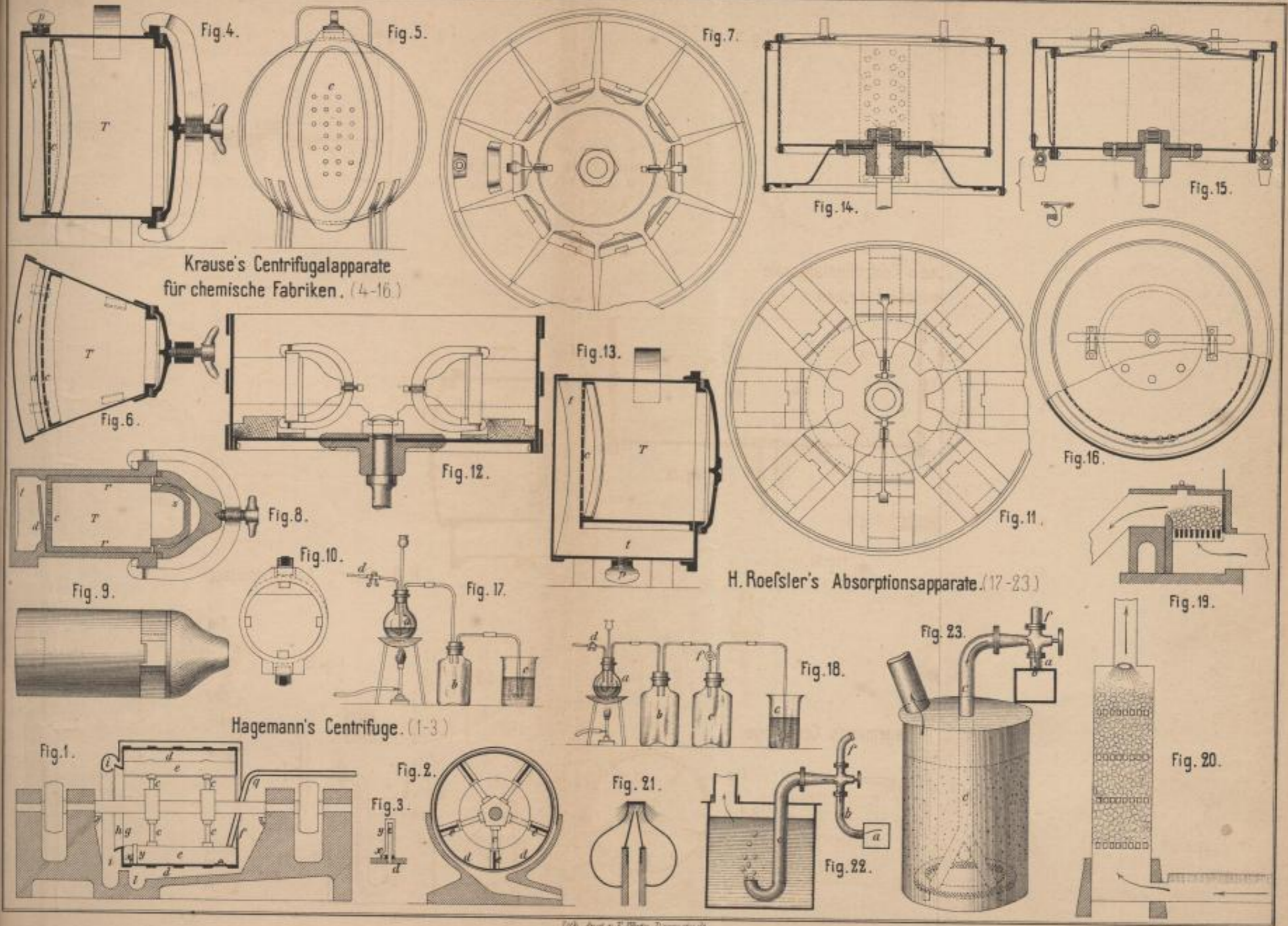


Lith. Anst. v. P. Witz, Darmstadt.

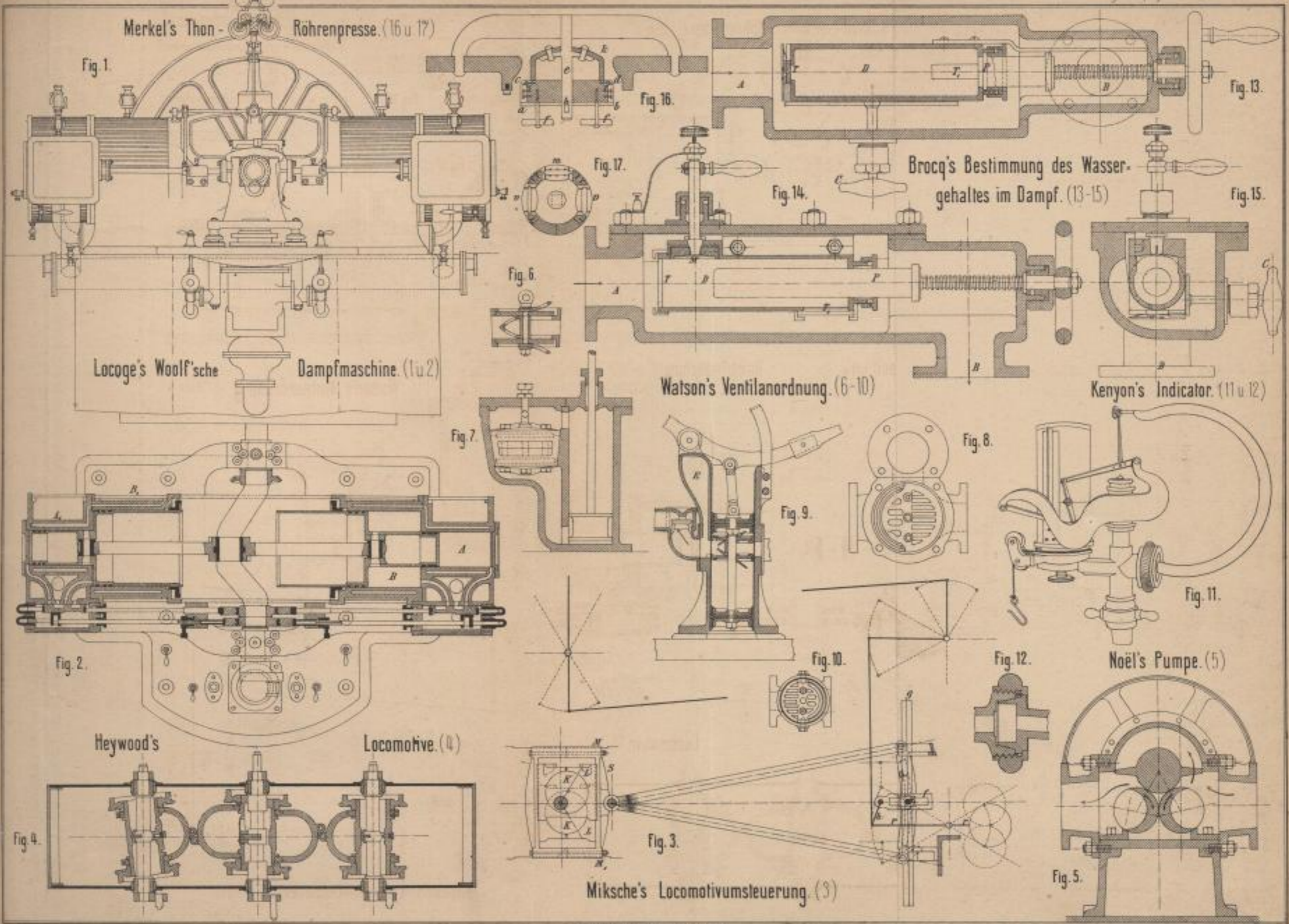




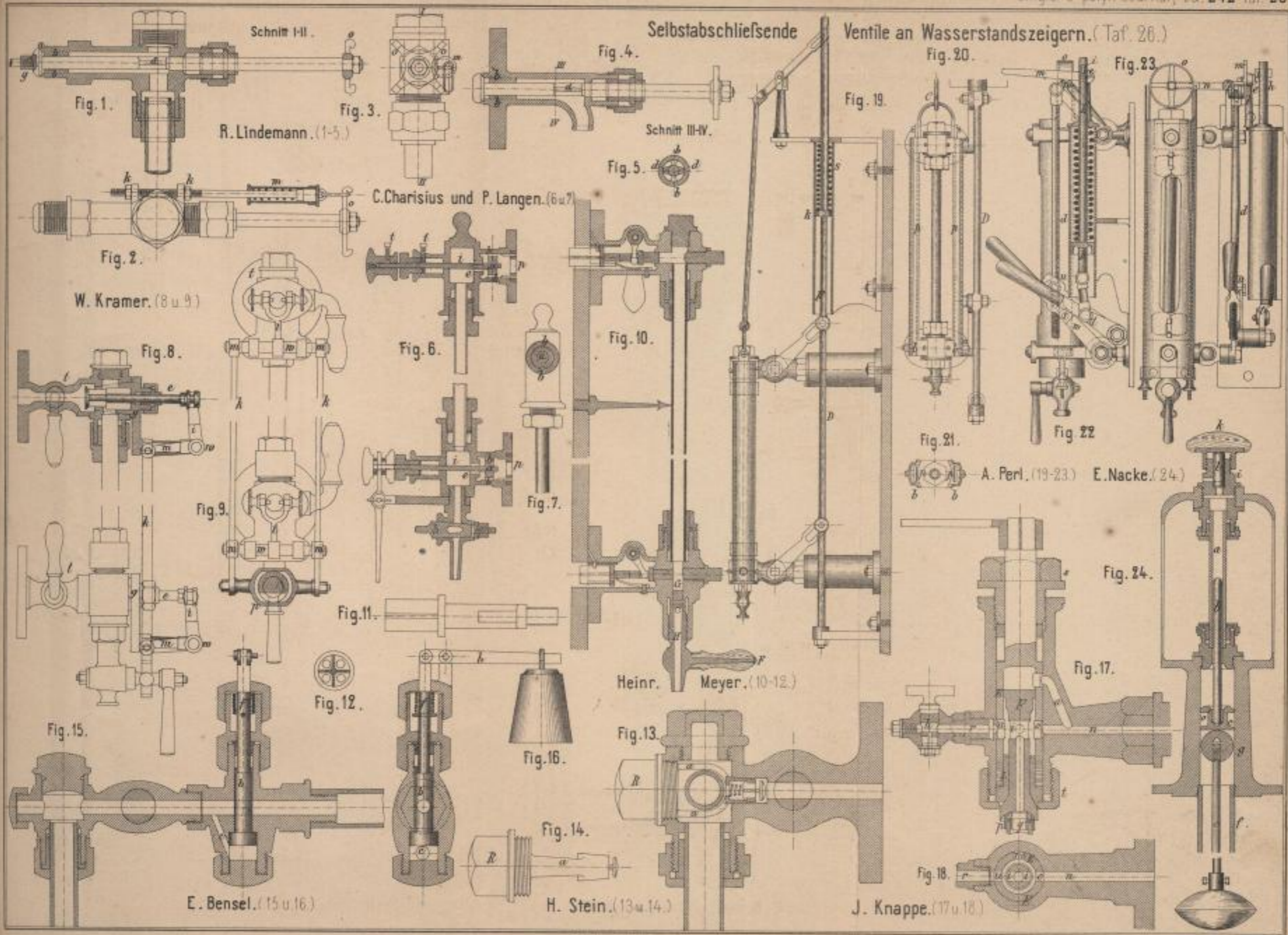
lith. Ausst. v. F. Rörte, Darmstadt



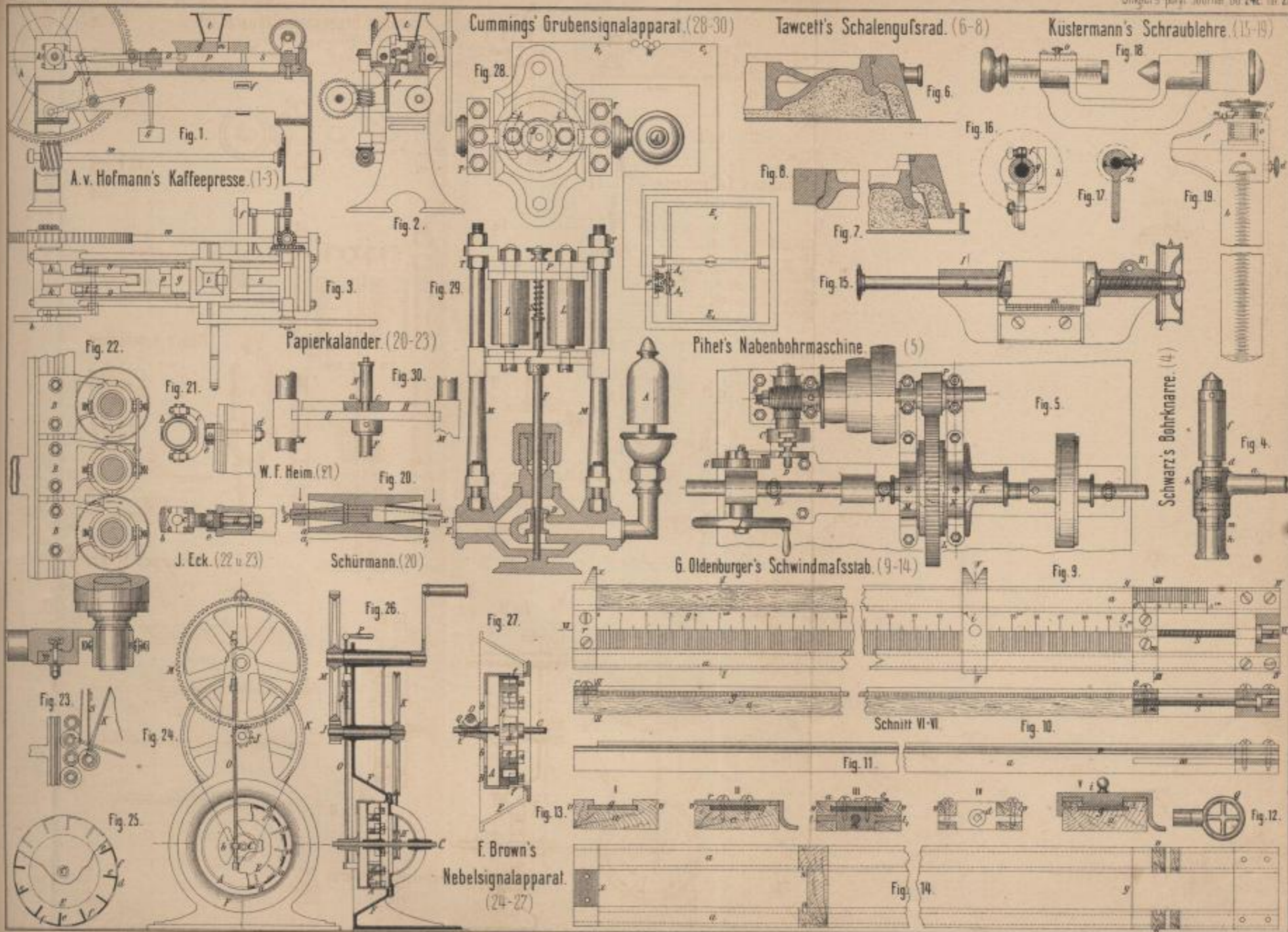
Lith. Anst. v. F. Witz, Darmstadt.



Lith. Anst. v. F. Wirtz, Darmstadt.

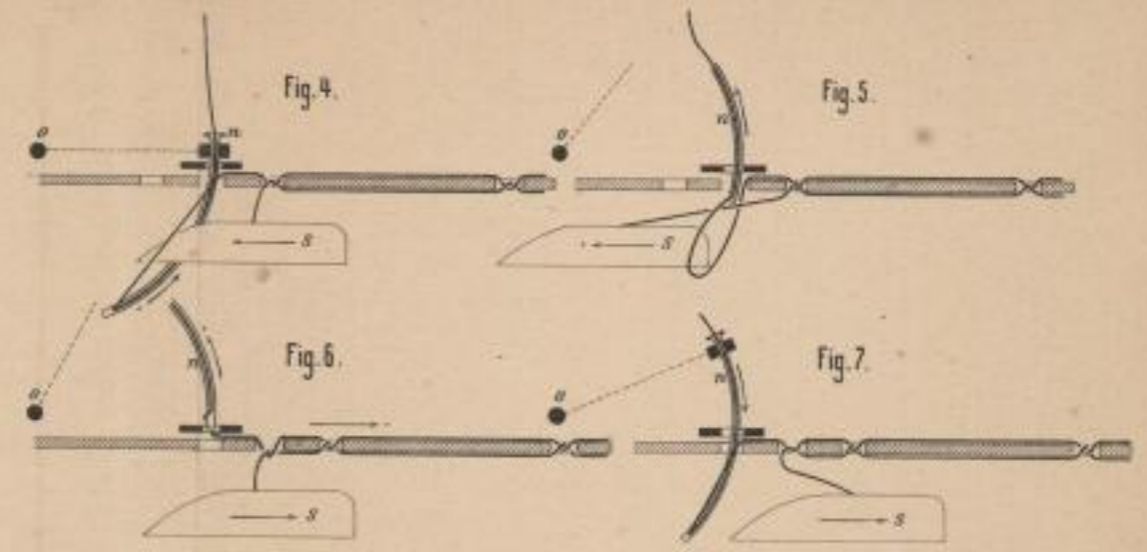
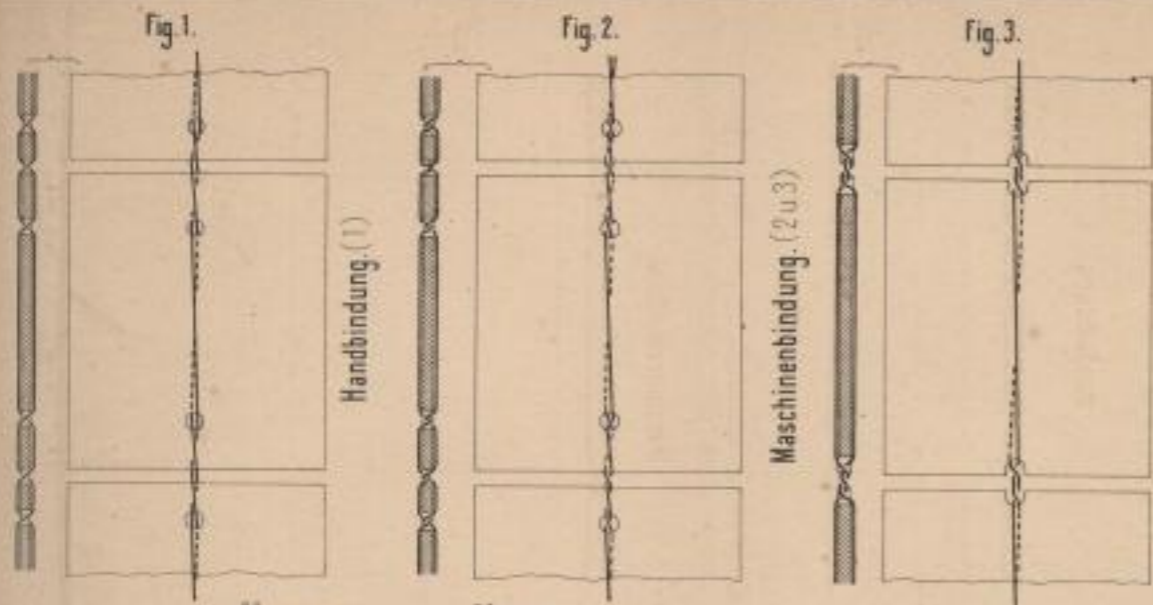


Lith. Anst. v. F. Wörke, Darmstadt.

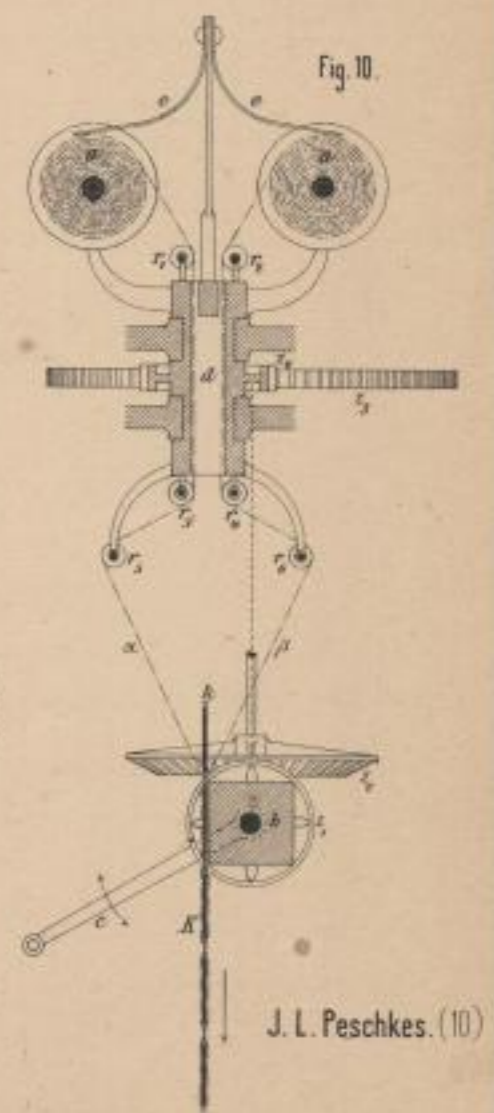
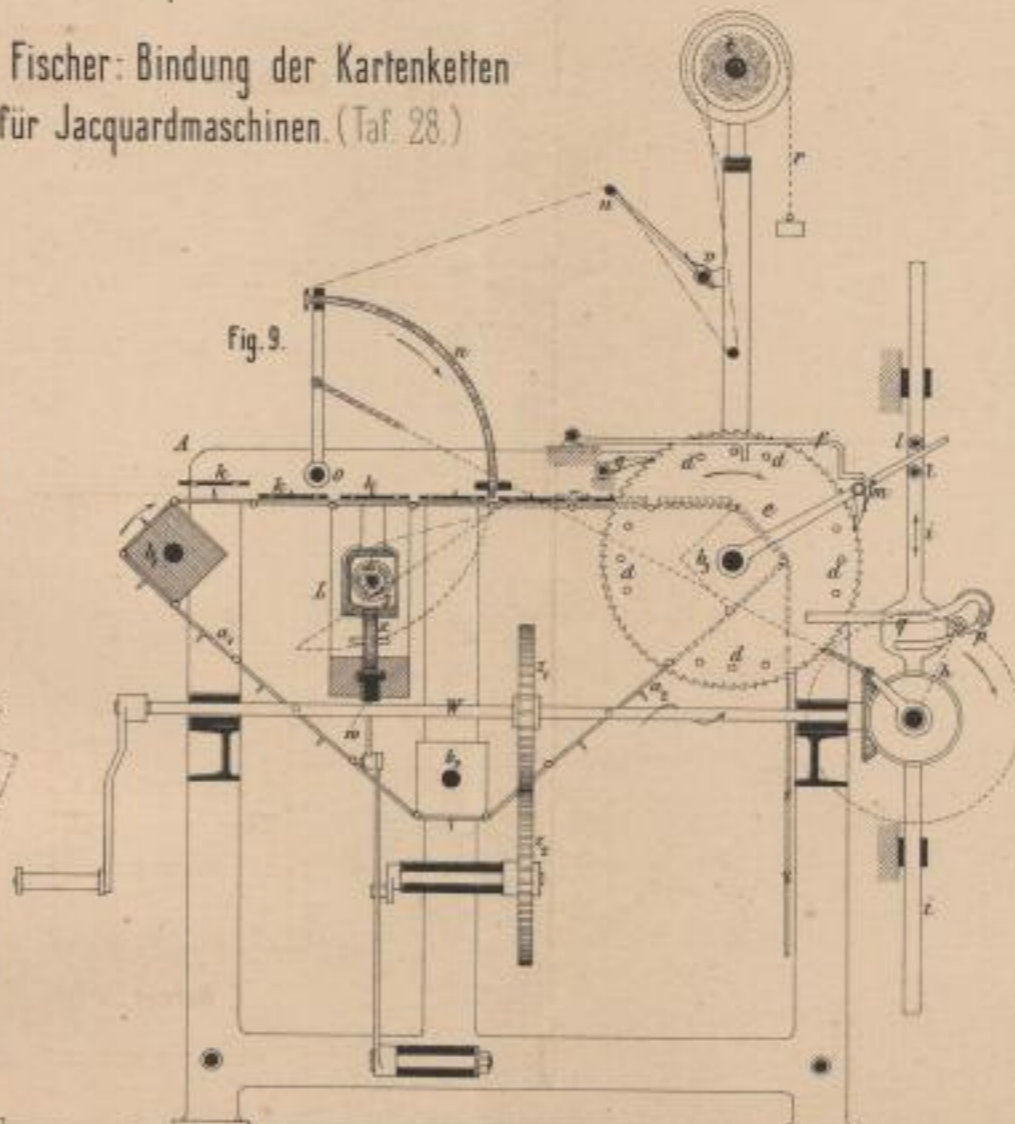
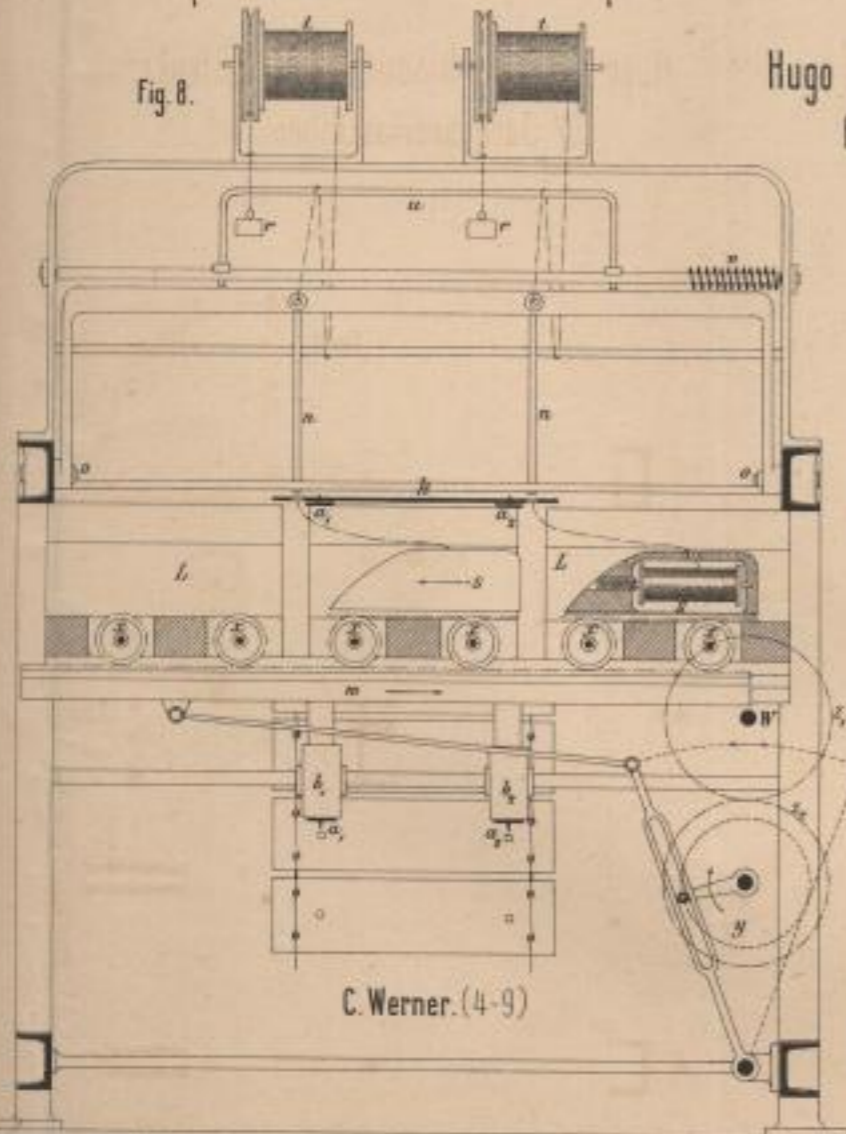


Lith. Anst. v. F. Wiese, Darmstadt.





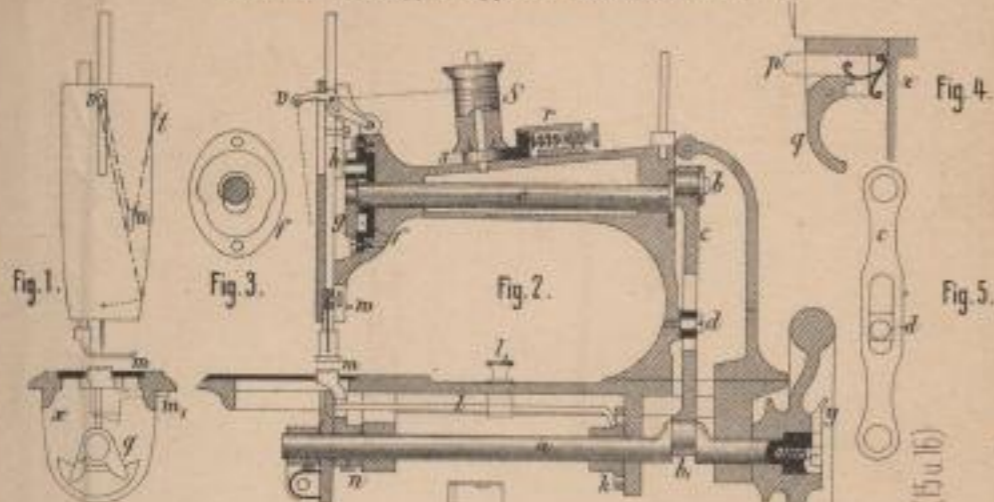
Hugo Fischer: Bindung der Kartenketten für Jacquardmaschinen. (Taf. 28.)



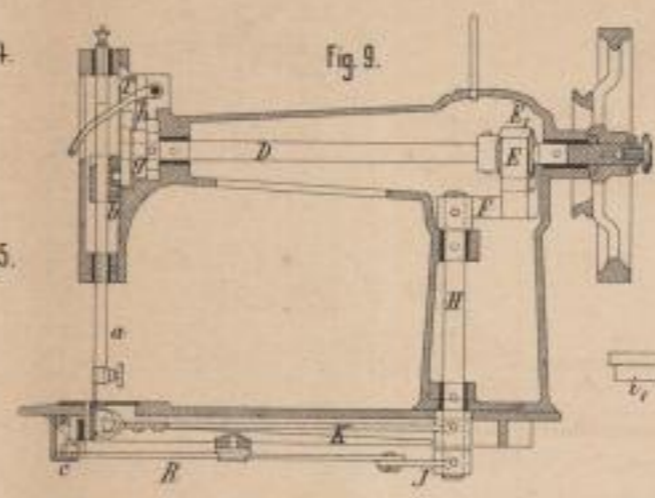
Lith. Anst. v. F. Wörle, Darmstadt



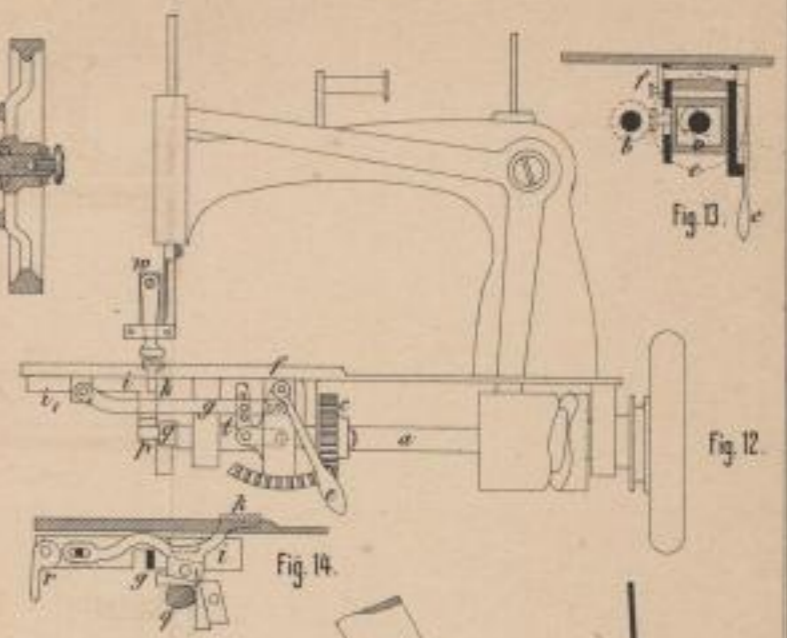
Freckmann's Doppelsteppstich-Nähmaschine. (1-5)



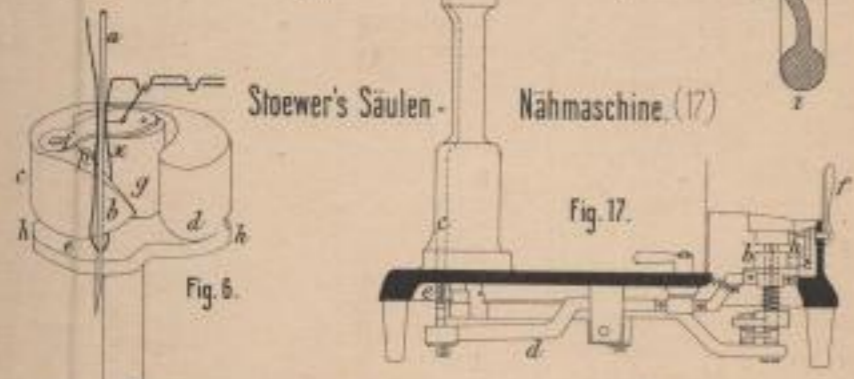
Murjahn's Schiffchen-Nähmaschine. (9 u 10)



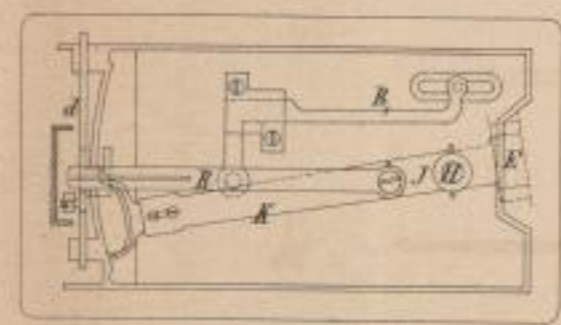
Rullmann's Knopfloch-Nähmaschine. (12-14)



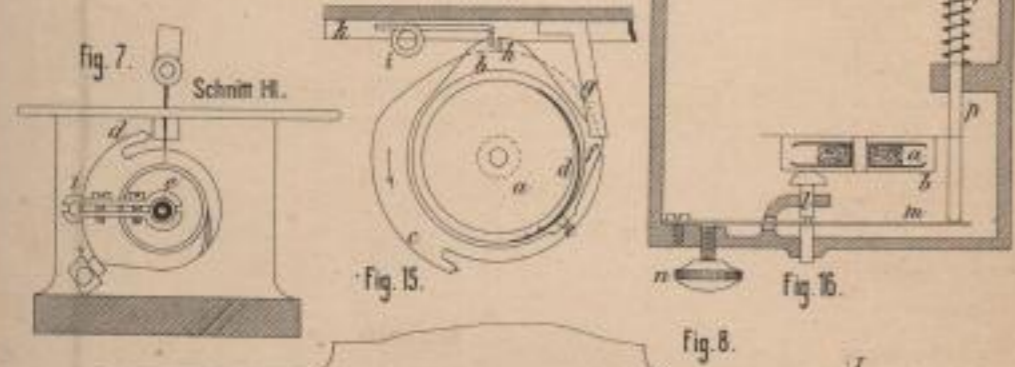
Stoewer's Säulen-Nähmaschine. (17)



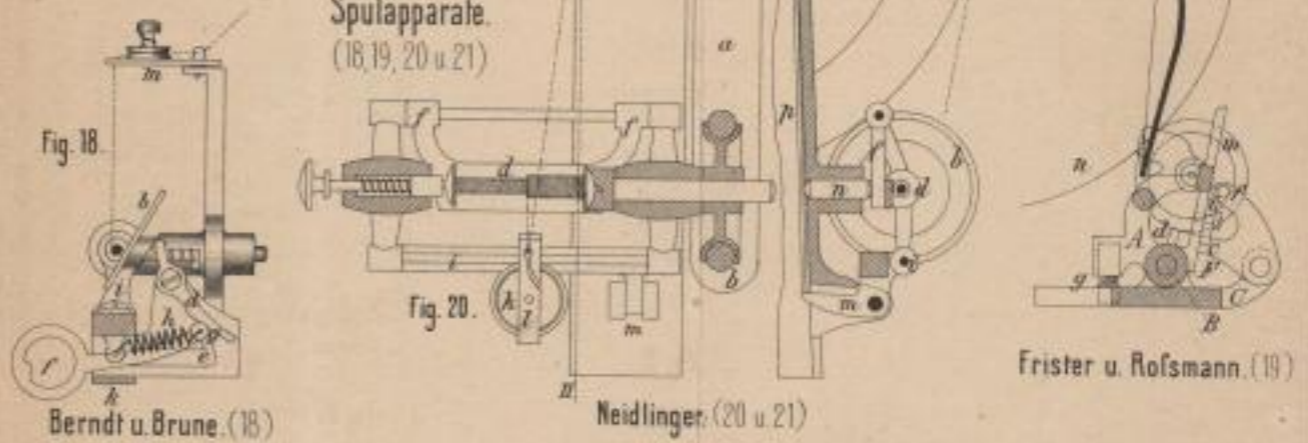
Gritzner's Greifer-Nähmaschine. (15 u 16)



Döring's oscillirender Greifer. (6)



Spulapparate. (18, 19, 20 u 21)

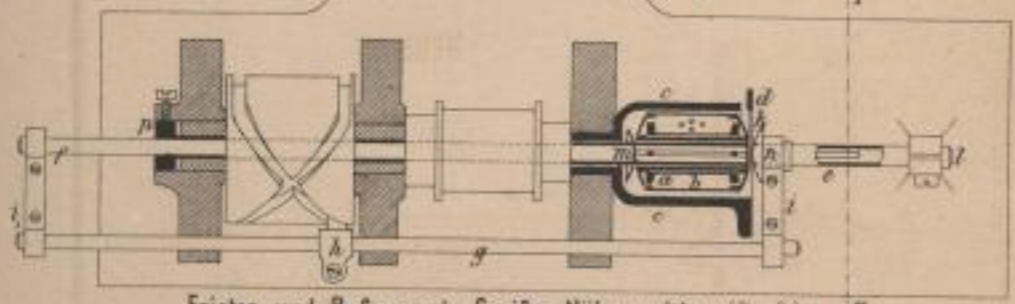


Berndt u. Brune. (18)

Neidlinger. (20 u 21)

Frister u. Rofsmann. (19)

Frister und Rofsmann's Greifer-Nähmaschine. (7 u 8)

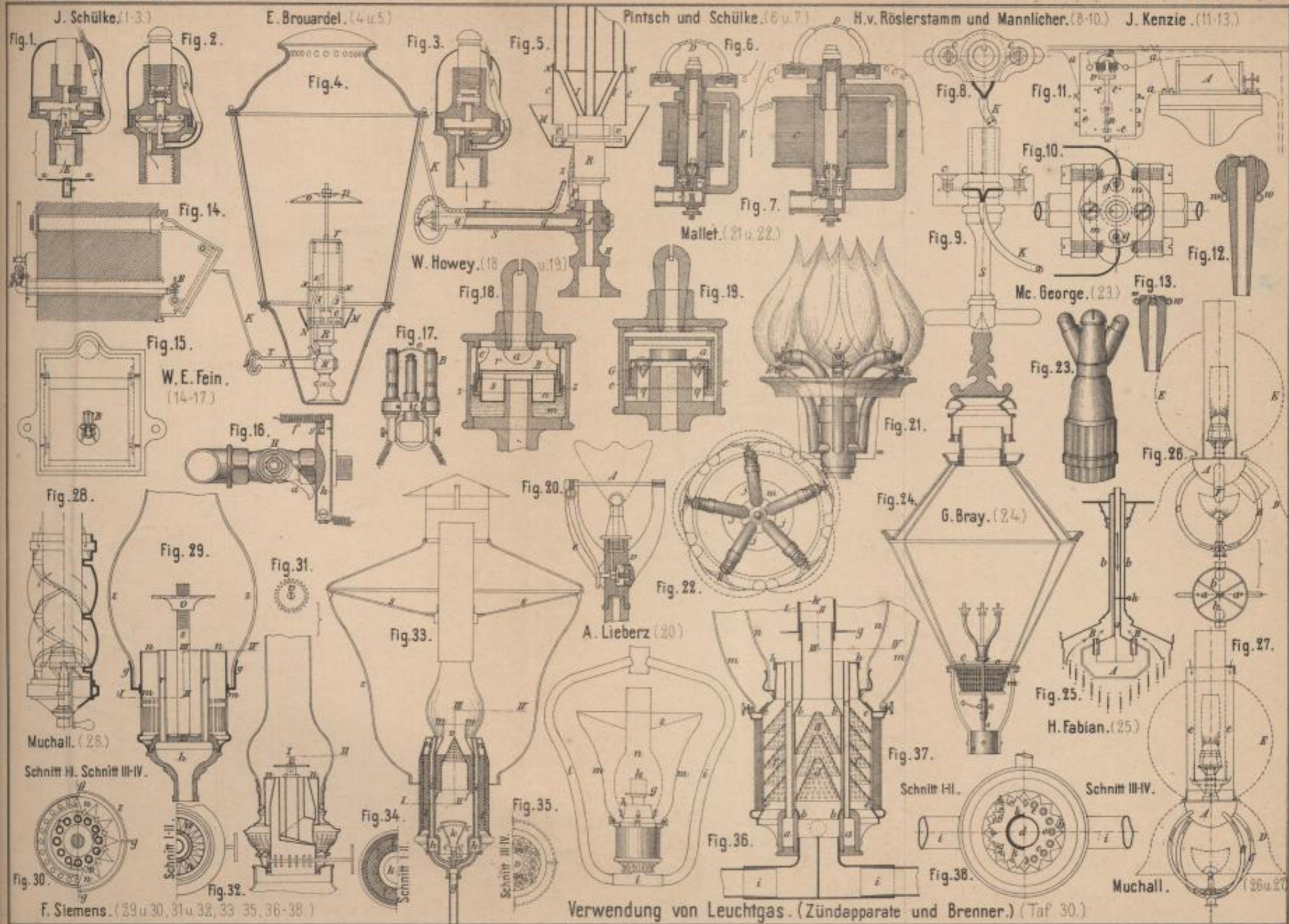


Neuerungen an Nähmaschinen. (Taf. 29.)



Keith's Nähmaschine für Ketten- und Steppstichnaht. (11)

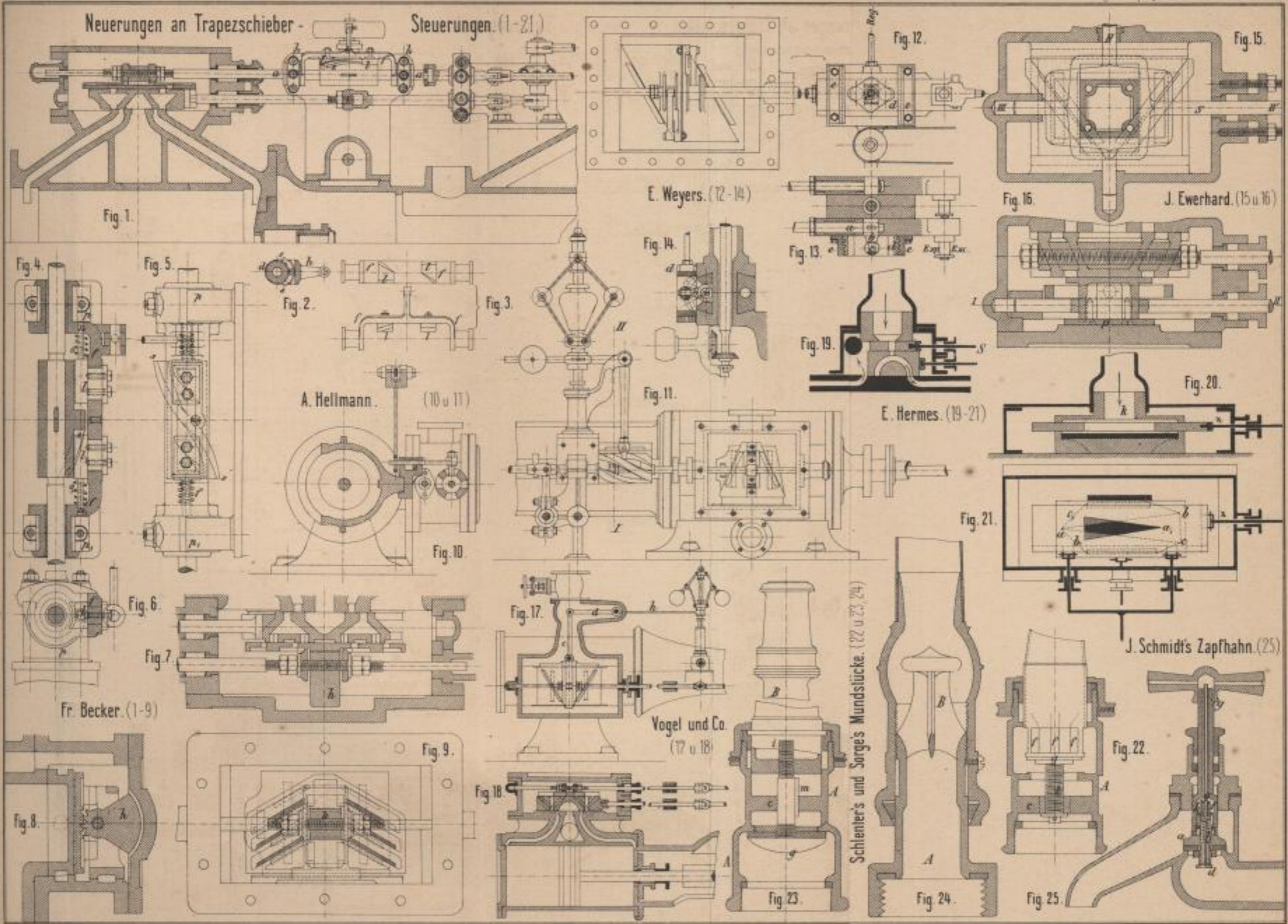
Lith. Anst. v. F. Wenz, Darmstadt.



Verwendung von Leuchtgas. (Zündapparate und Brenner.) (Taf. 30.)

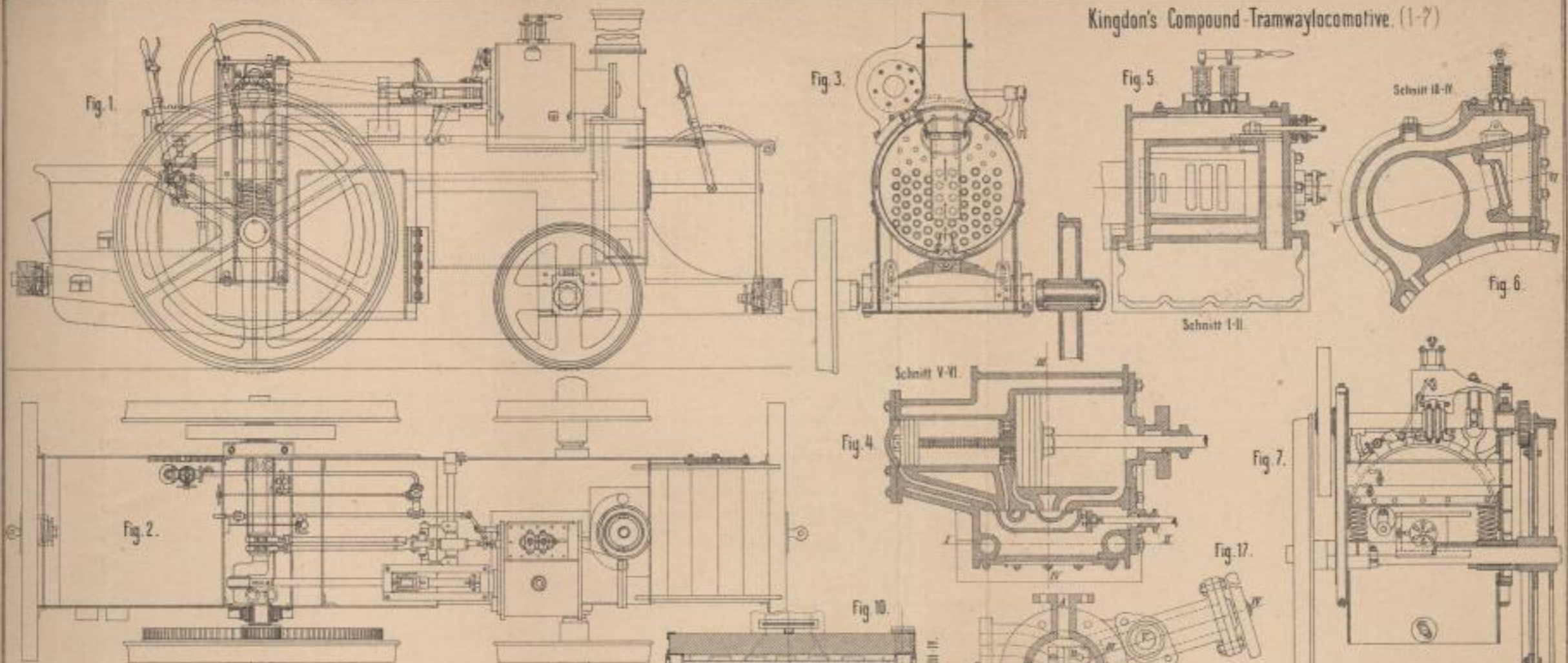
Lith. Anst. v. F. W. Sch. Darmstadt.

Neuerungen an Trapezschieber - Steuerungen (1-21)

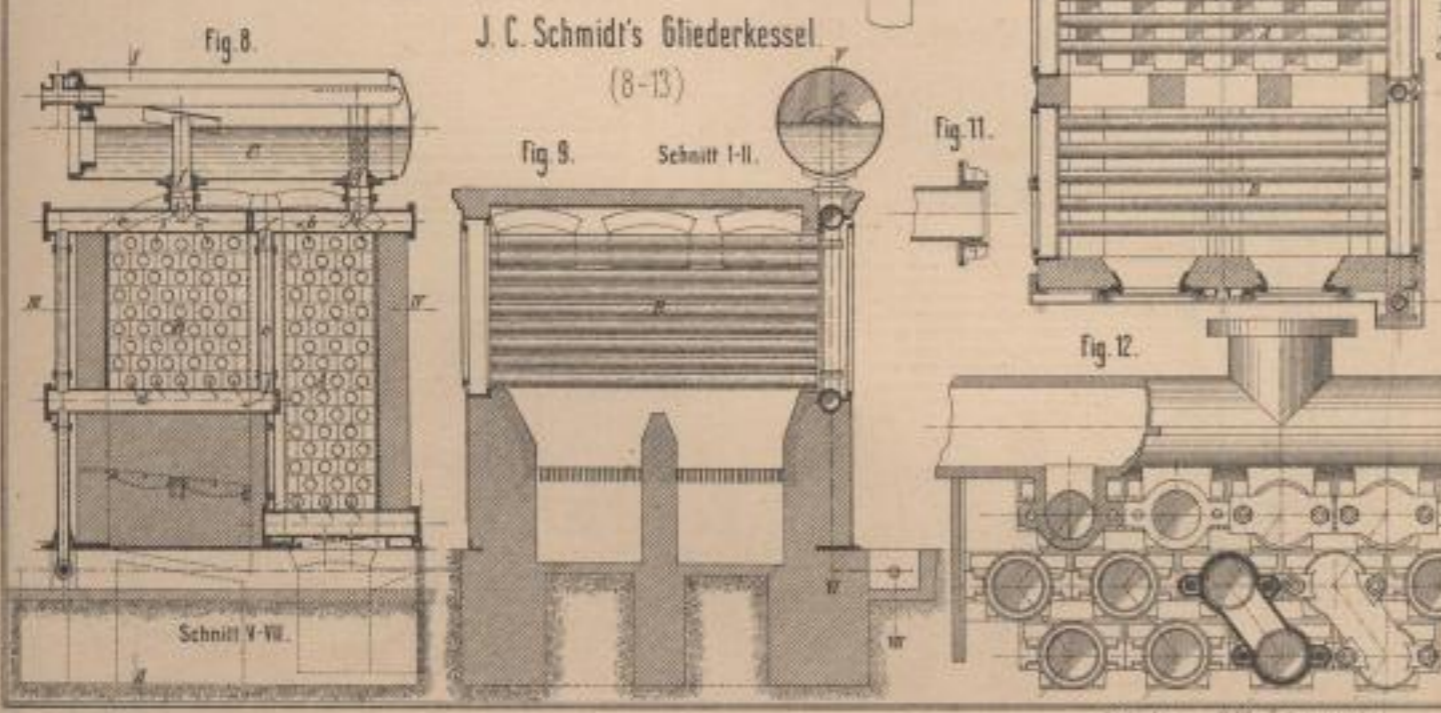


Zich. Anst. v. F. Wiese, Darmstadt.

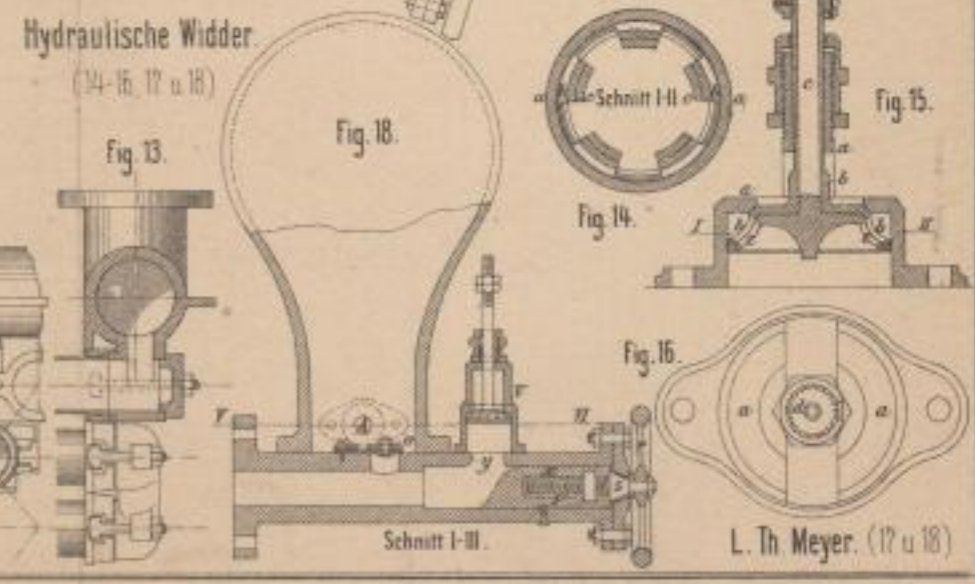
Kingdon's Compound-Tramwaylocomotive. (1-7)



J. C. Schmidt's Gliederkessel (8-13)

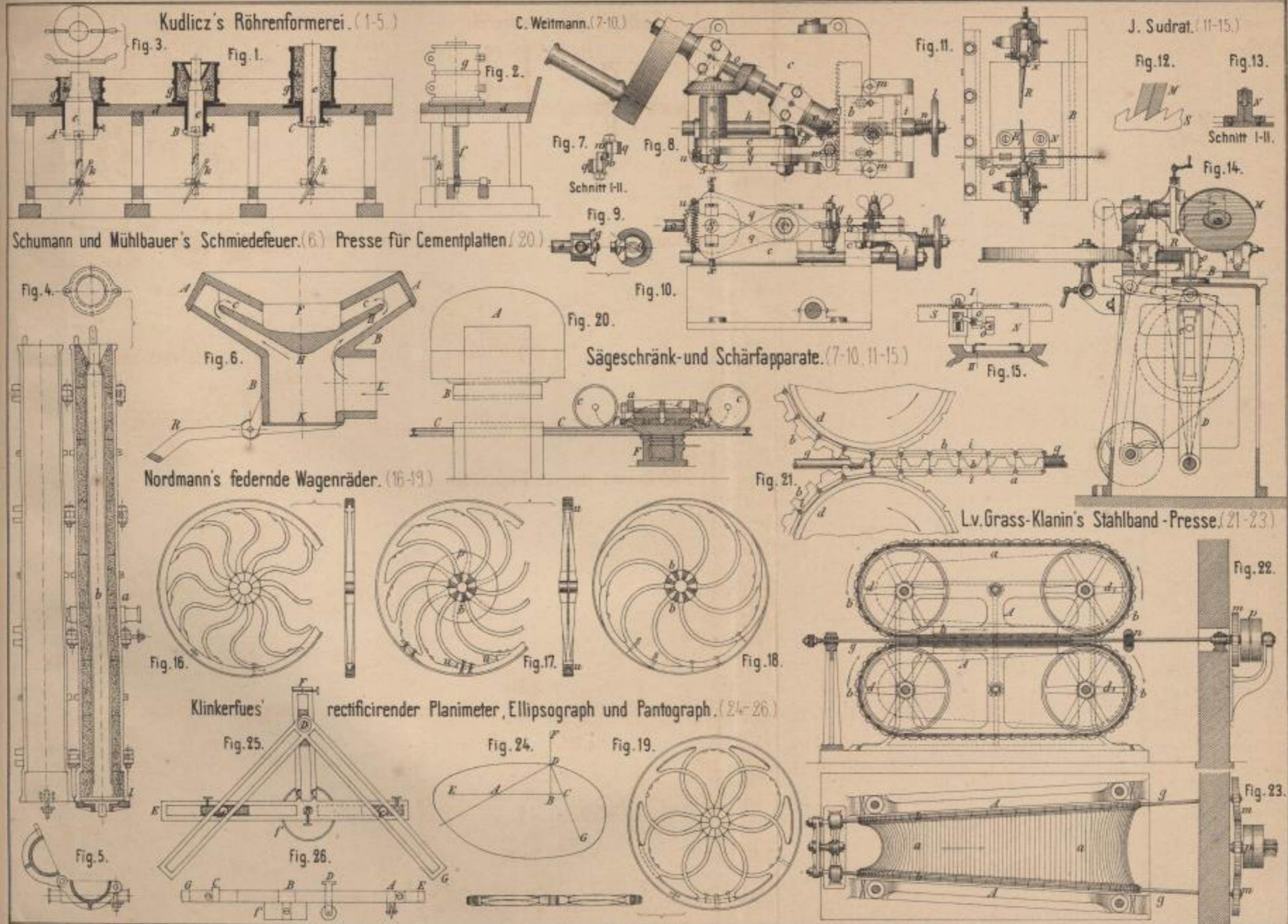


Hydraulische Widder (14-16, 17 u 18)



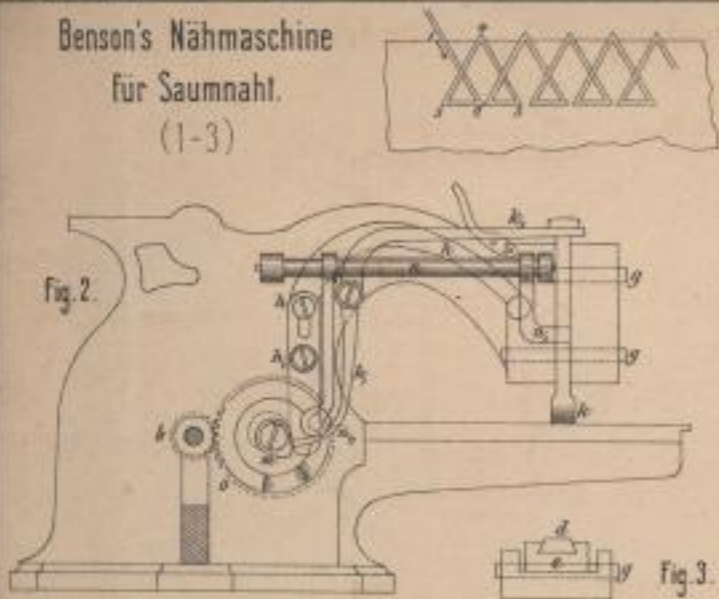
Lith. Anst. v. F. Wenz, Darmstadt.



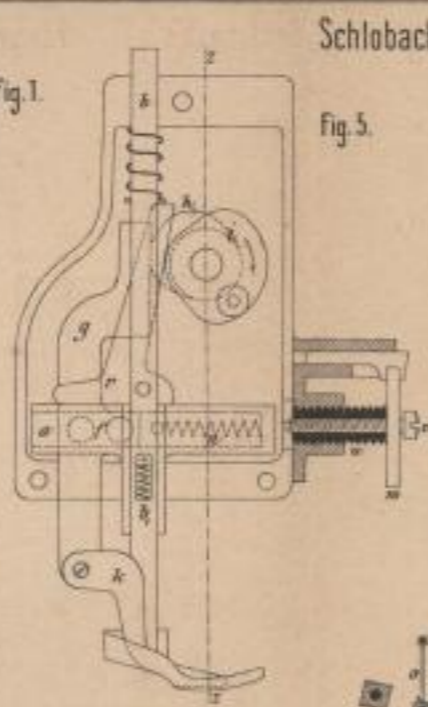


Tabl. Aut. v. F. W. J. Jarmach.

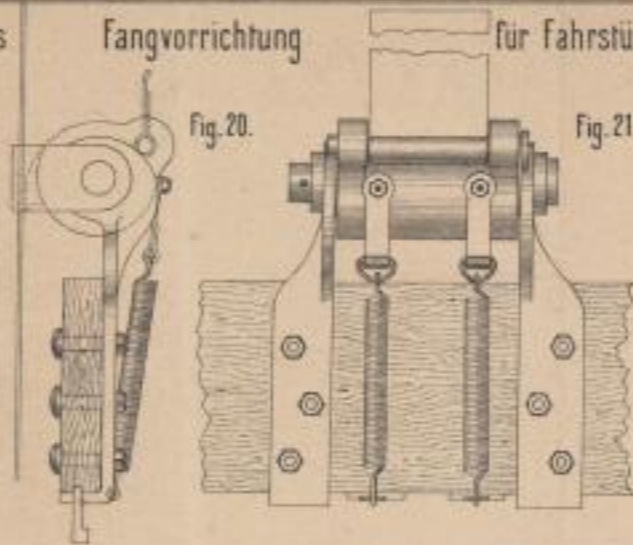
Benson's Nähmaschine für Saumnaht. (1-3)



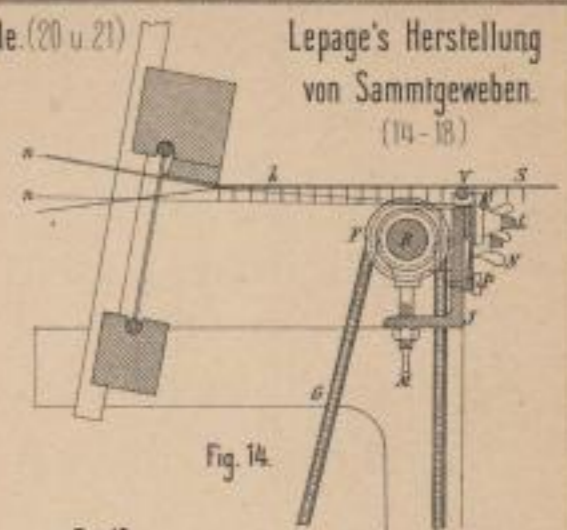
Schlobach's



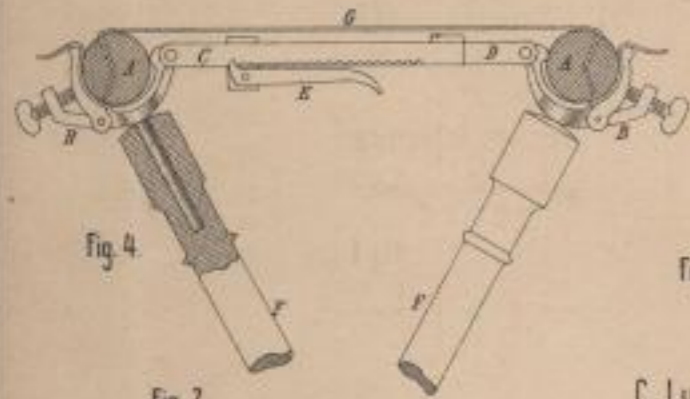
Fangvorrichtung für Fahrstühle. (20 u. 21)



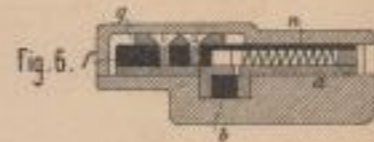
Lepage's Herstellung von Samtgeweben. (14-18)



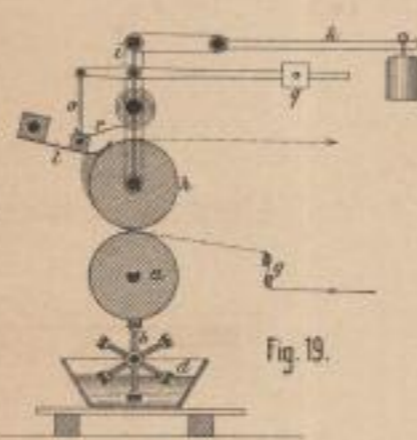
E. Bentley's Stickrahmen. (4)



C. Luessen's Stoffbewegung. (5 u. 6)



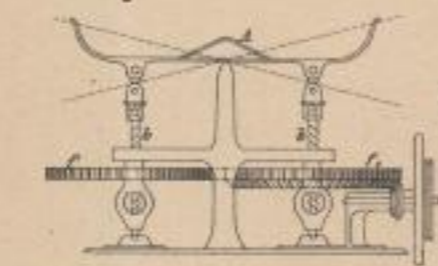
Prefler's Appreturapparat für Petinets. (19)



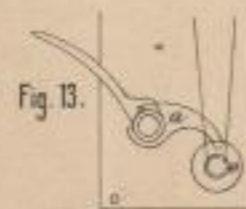
Neuerungen an Nähmaschinen. (Taf. 29 u. 34)



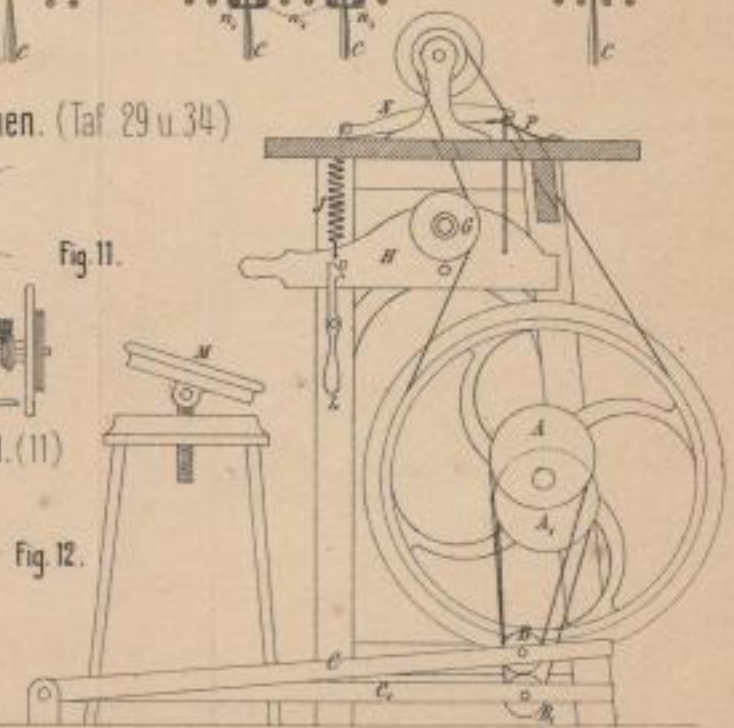
Neuerungen an Nähmaschinen. (Taf. 29 u. 34)



C. Ulbrich's Nähmaschinenstuhl. (11)

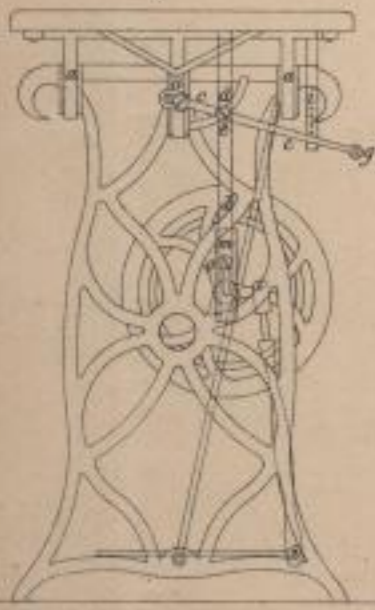


Kaiser's Fadenspannung. (13)

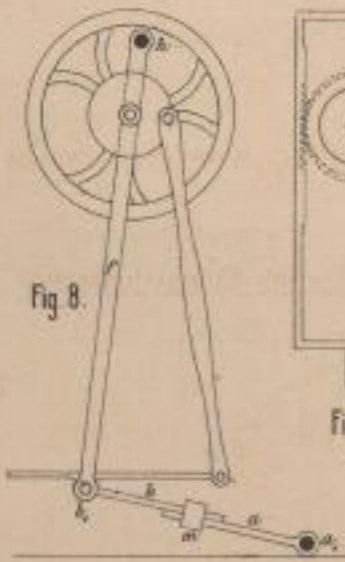


S. van Wyck's Fußtritt-Antrieb. (12)

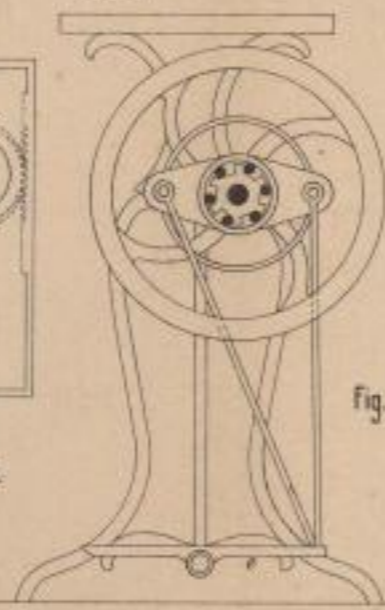
R. Ley's stellbarer Tisch. (7)



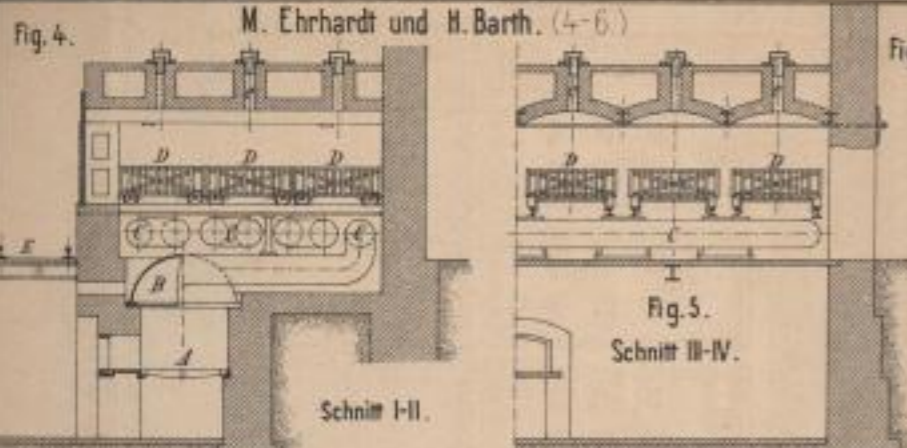
H. Mendte's Fußtritt. (8)



A. Reitze's Antriebmechanismus. (9 u. 10)



Verf. Anst. v. F. Wirtz, Darmstadt.



M. Ehrhardt und H. Barth. (4-6.)

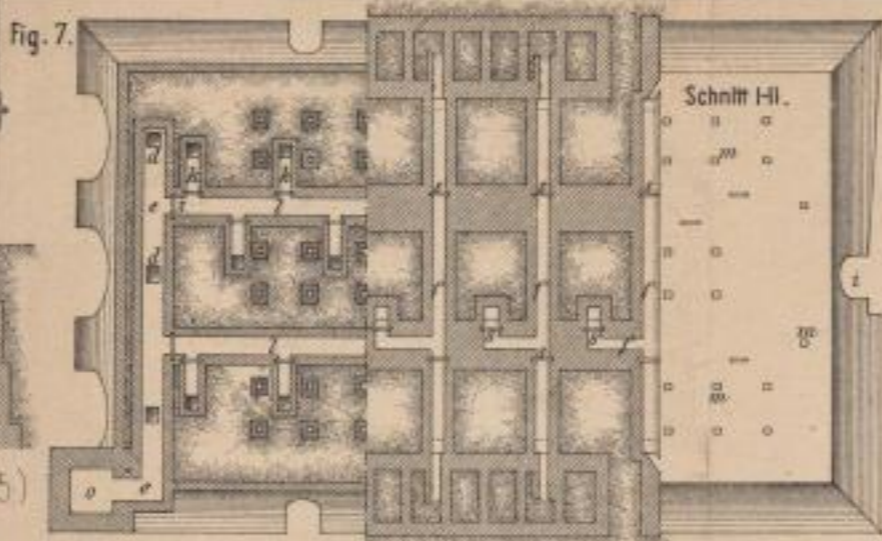


Fig. 7.



Fig. 9.

Brennöfen für Thonwaren, Kalk, Cement und Gyps. (Taf. 23 u. 35)

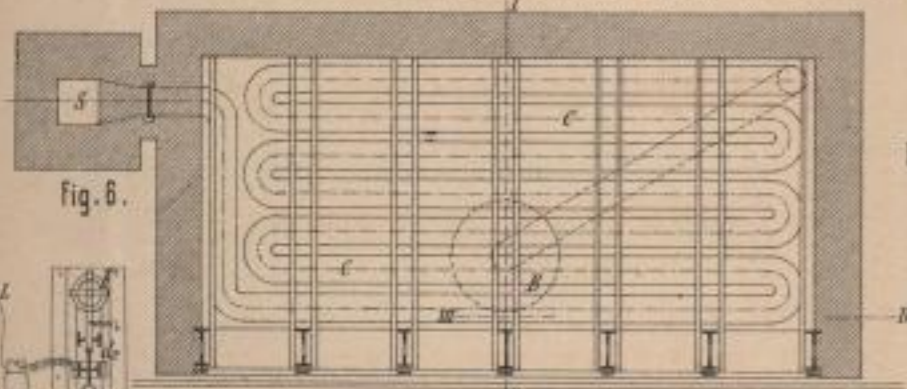


Fig. 6.

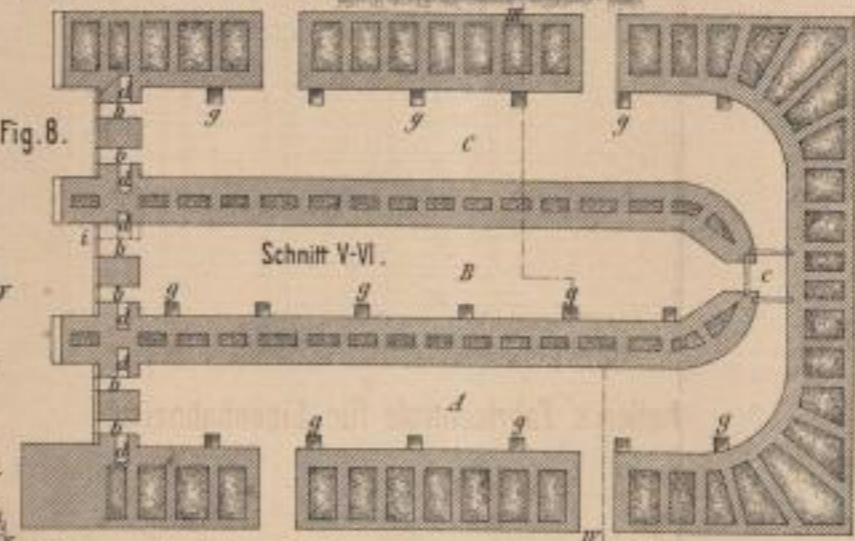


Fig. 8.

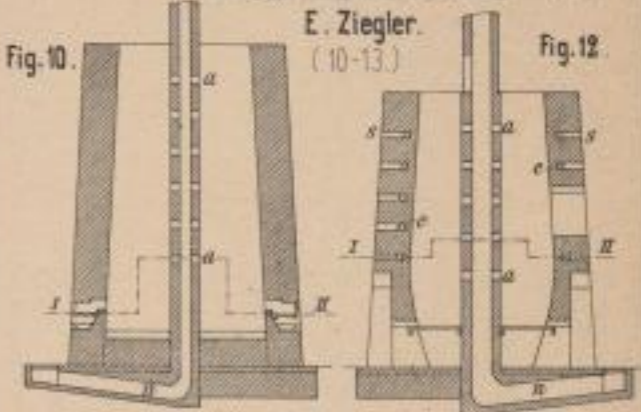


Fig. 10.

Fig. 12.

E. Ziegler. (10-13.)

Schellen's Fahrtcontrole für Eisenbahnzüge. (1-3)

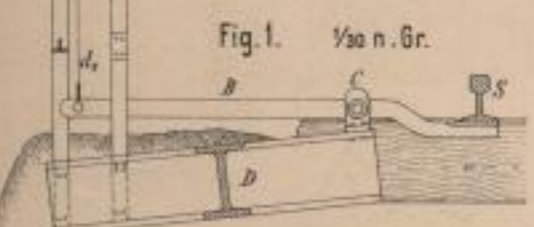


Fig. 1.

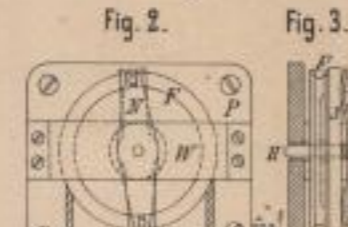


Fig. 2.

Fig. 3.

6. Jahn. (7-9)

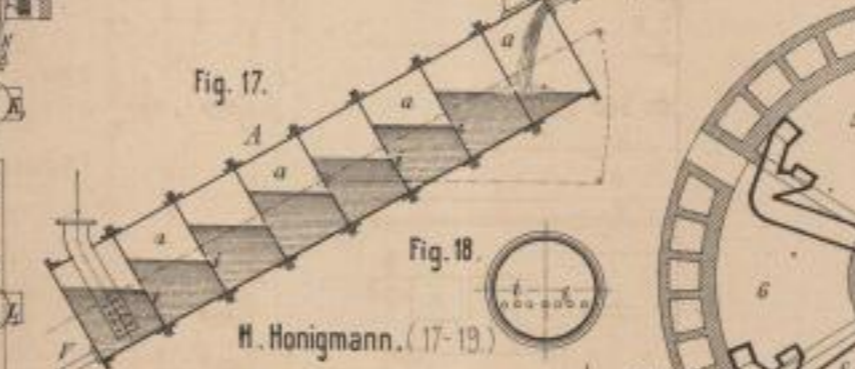


Fig. 17.

Fig. 18.

H. Honigmann. (17-19.)

Société du Sud-Ouest. (16)

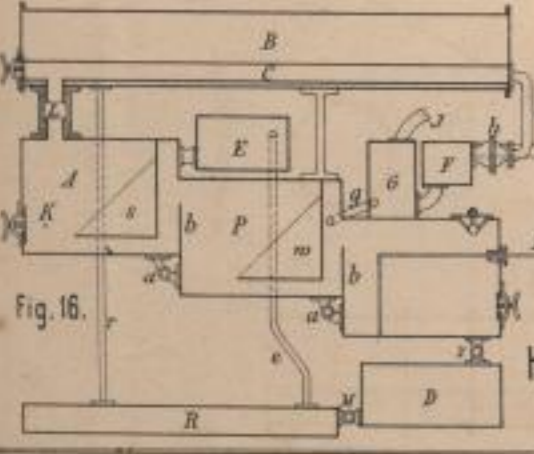


Fig. 16.

Herstellung von Ammoniak. (16, 17-19.)

(16, 17-19.)

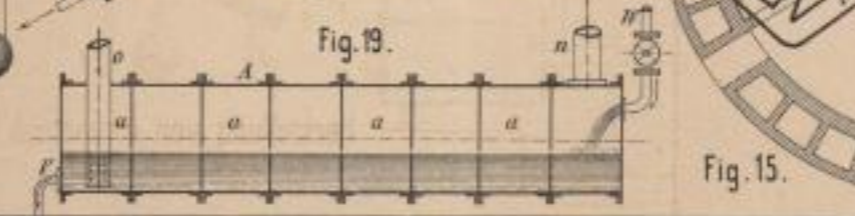


Fig. 19.

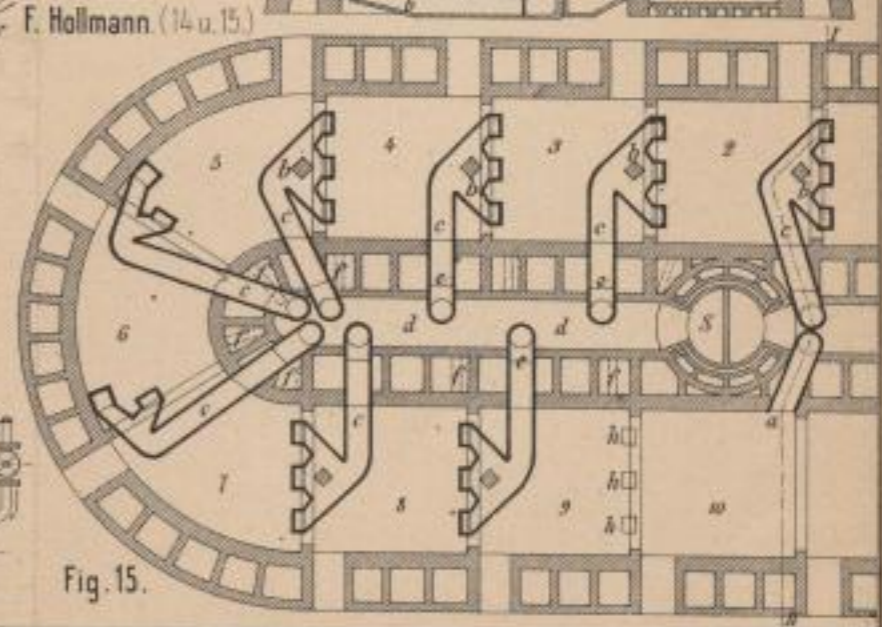
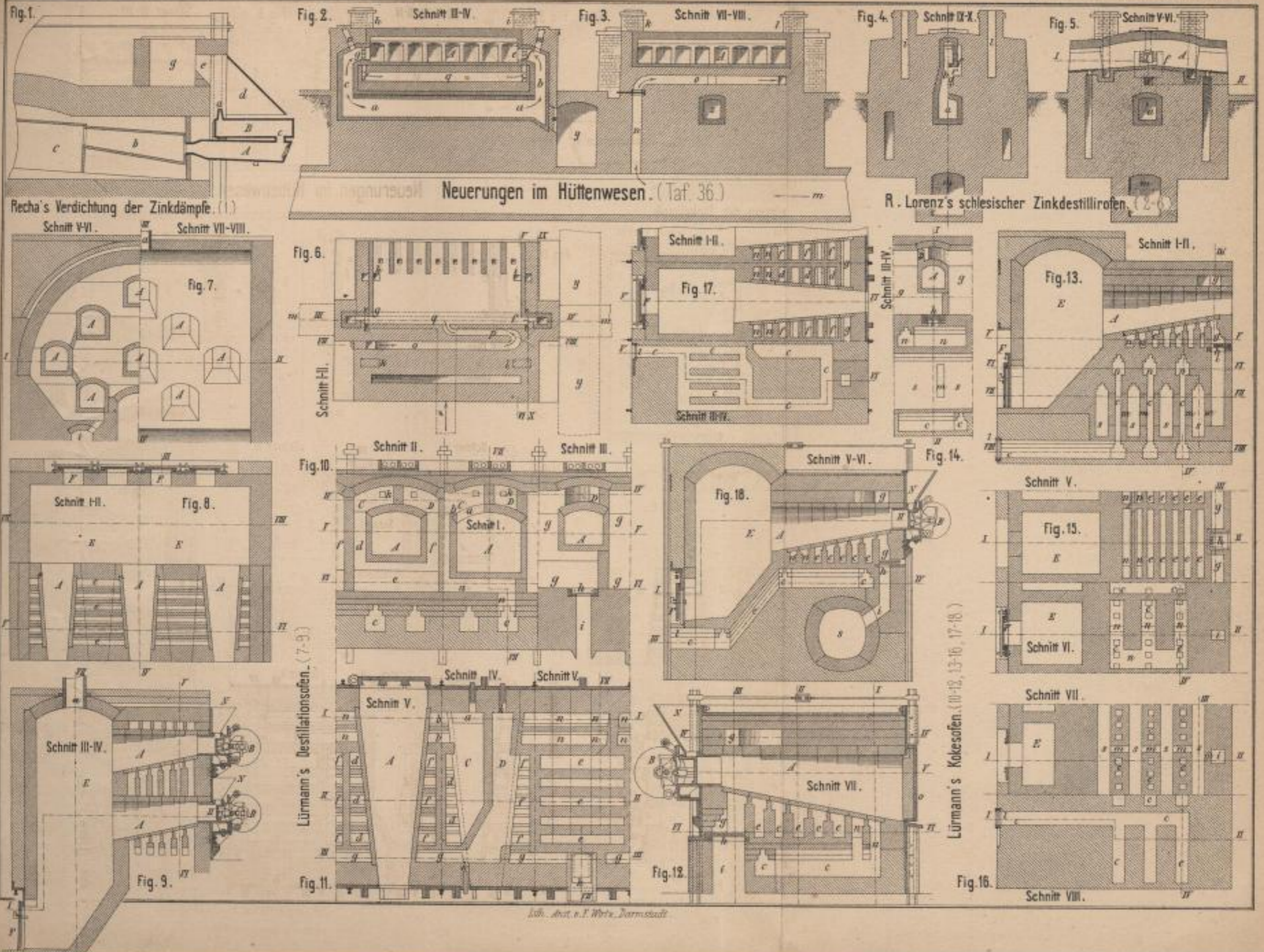


Fig. 15.

F. Hollmann. (14 u. 15.)

189. Aus v. F. Wirtz, Darmstadt.





Lith. Anst. v. J. W. v. Dornstadt

Einige der ...

SLUB DRESDEN



3 2422837