Tafeln

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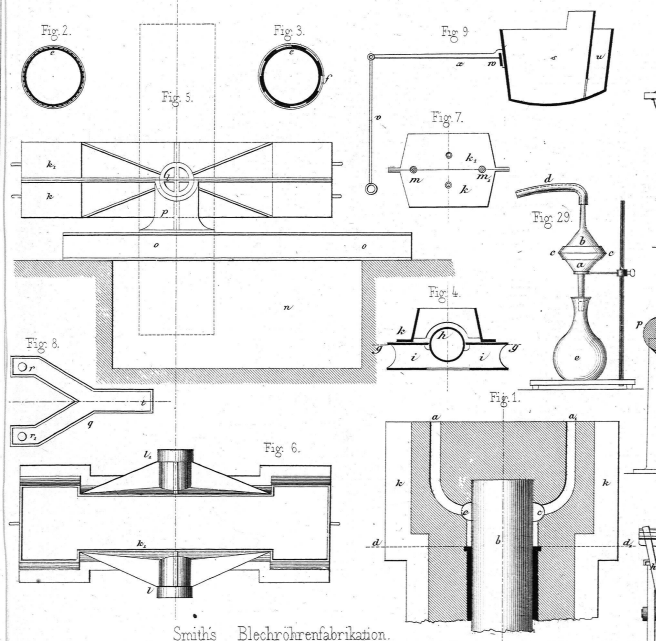
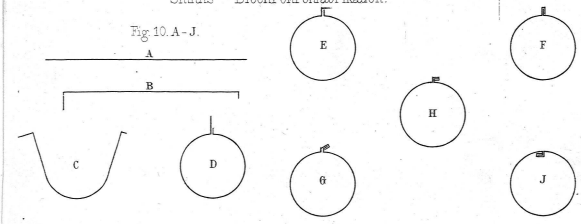
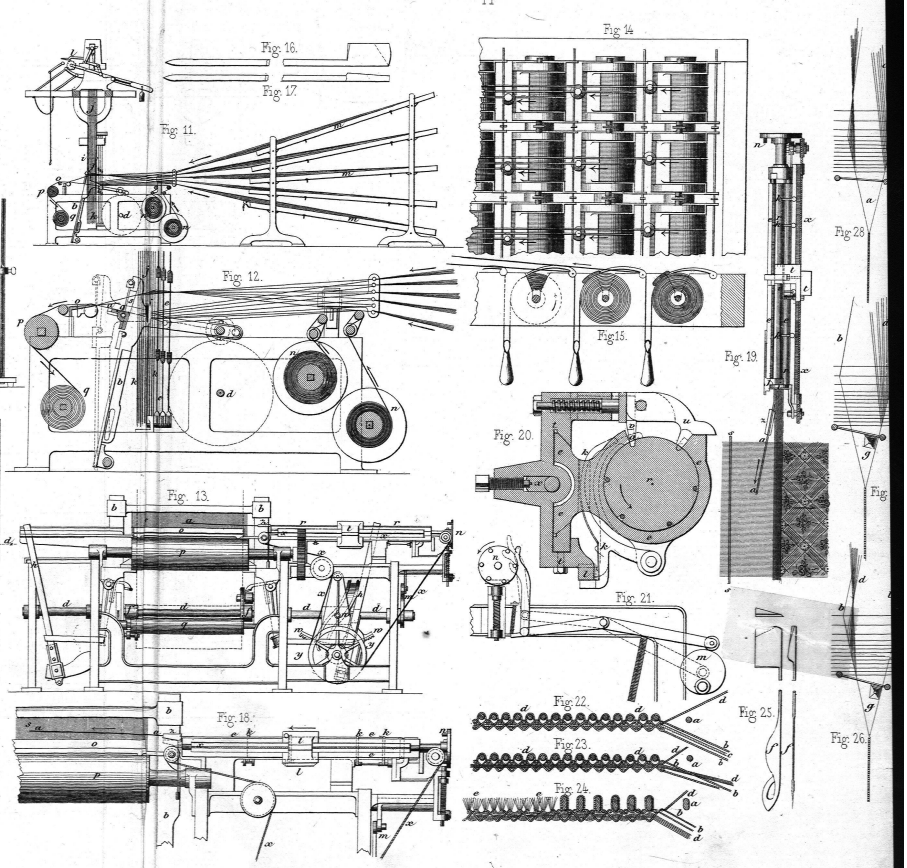


Smith's Blechröhrenfabrikation.

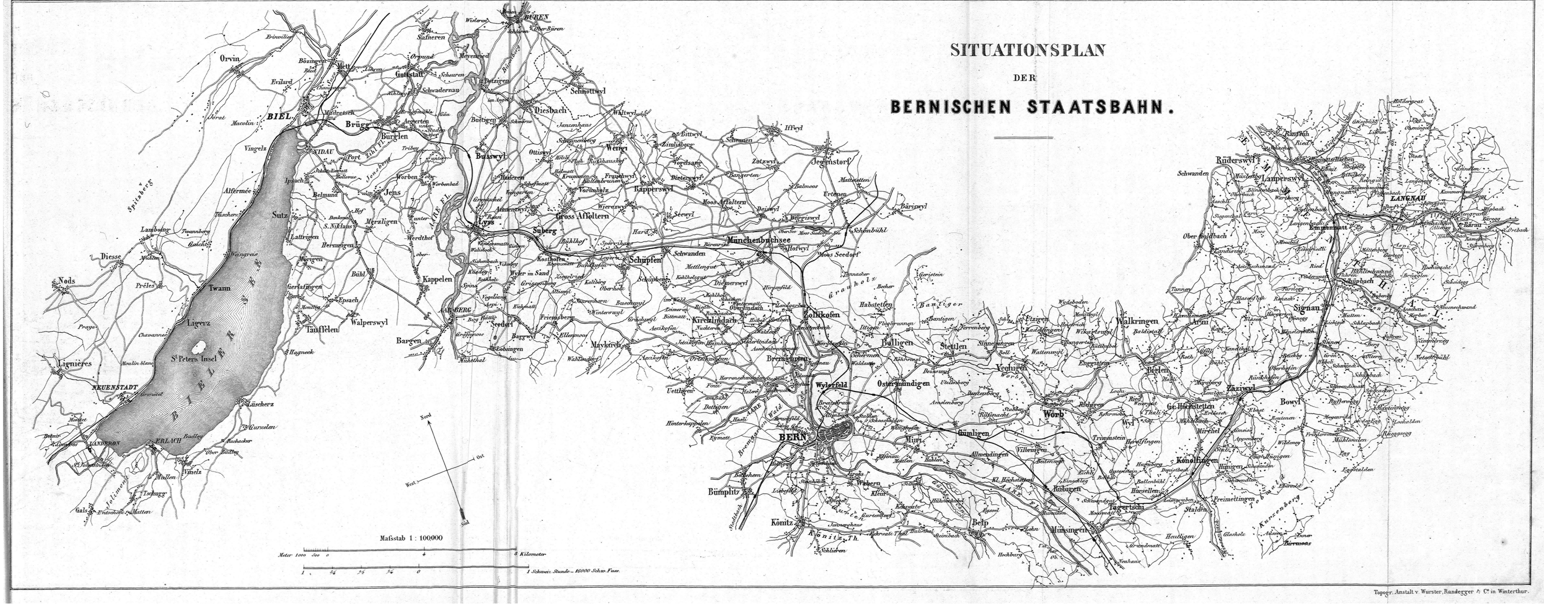


Weild's mechan. Teppichstuhl.



Lith. Anstalt v. Wurster, Randegger & Cº in Winterth.

SITUATIONSPLAN DER BERNISCHEN STAATSBAHN.



Typogr. Anstalt v. Wurster, Randegger & Cie. in Winterthur.

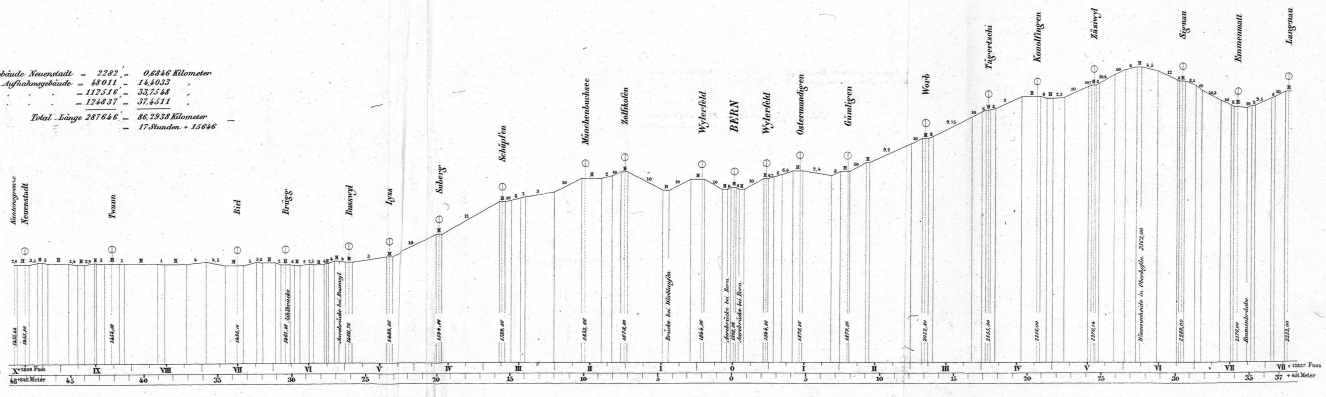
BERNISCHE STAATSBAHN

NEUENSTADT – BIEL – BERN – LANGNAU.

Längenprofil

Maßstab für die Längen = 1:200000
für die Höhen = 1:4000

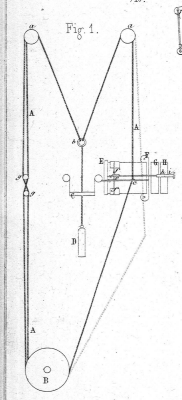
Kantonsgrenze bis Mitte Aufnahmegebäude Neuenstadt	= 2282'	=	0,6246 Kilometer
Neuenstadt - Biel von Mitte zu Mitte Aufnahmegebäude	= 48011'	=	14,6033 "
Biel - Bern	= 112516'	=	33,7548 "
Bern - Langnau	= 124837'	=	37,4511 "
Total - Länge	287646'	=	86,2938 Kilometer
		=	17 Stunden. + 15646 —

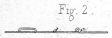


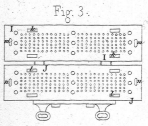
Typogr. Anstalt v. Wurster, Randegger & C. in Winterthur

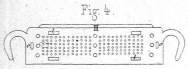
Kartenausschlagmaschine von Ulbricht.

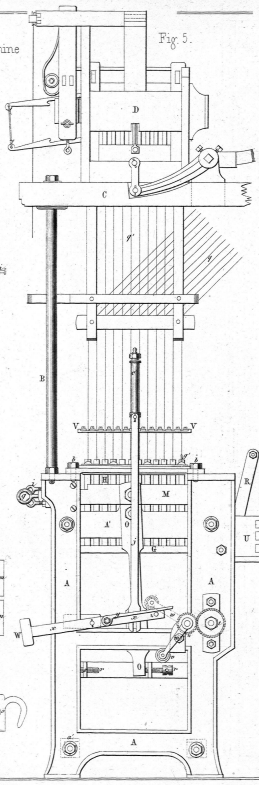
1/10.

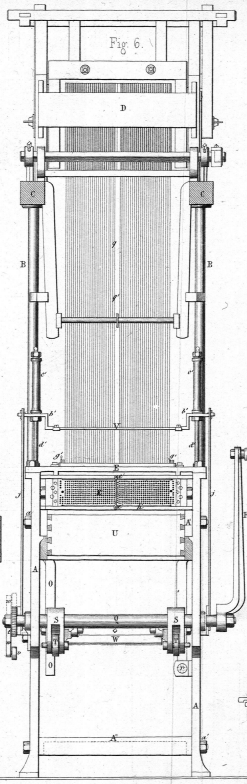


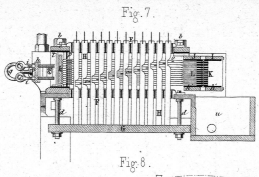


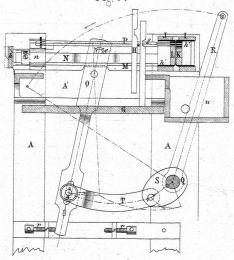


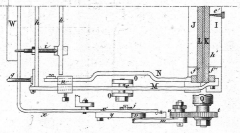


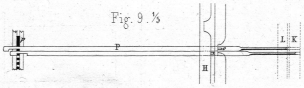


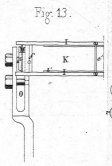


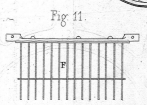




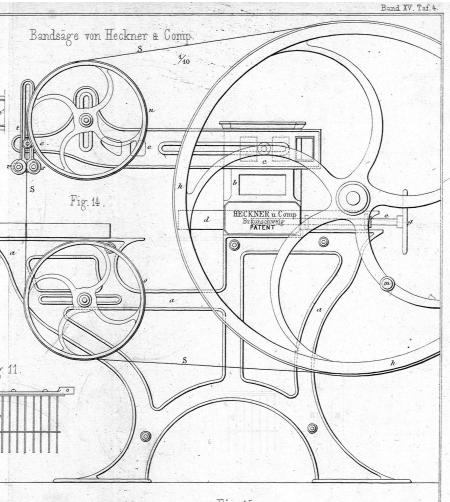


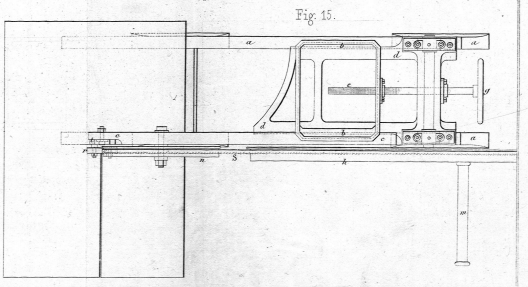






Bandsäge von Heckner & Comp.

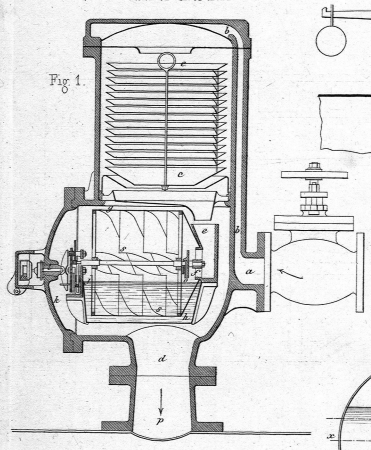




Lith. Anst. v. Wurster, Randegger & Comp. in Winterthur.

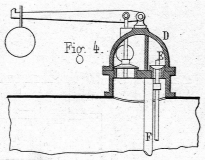
Verdampfungsmesser von Fischer u. Stuhl.

Fig. 1.



Sicherheitsventile von Hughes u. Sellers.

Fig. 4.



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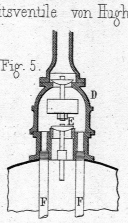

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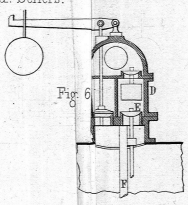


Prüsmann's Sicherheitsapparat für Dampfkessel

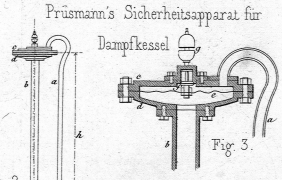


Fig. 3.

Verbesserte Schierbüchse für Dampfcylinder.

Fig. 8.

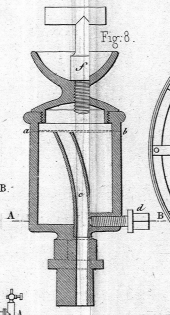


Fig. 2.

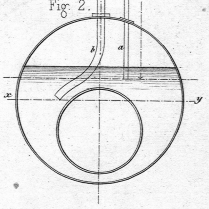
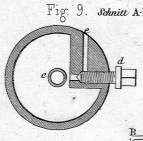
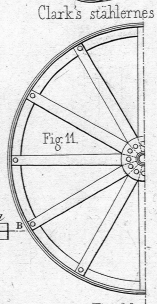


Fig. 9. Schnitt A-B.



Clark's stählernes Wagenrad.

Fig. 11.



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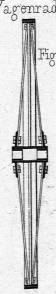
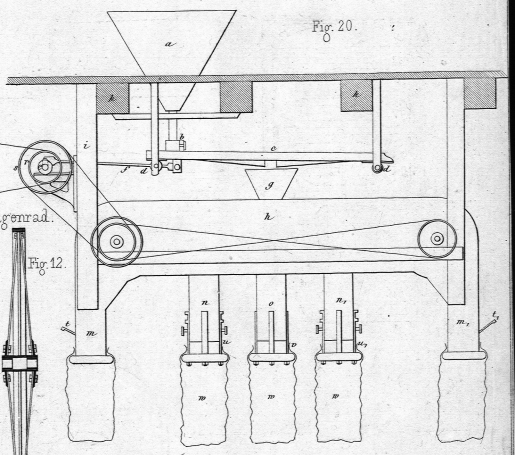


Arndt's Griesputzmaschine. $\frac{1}{32}$

Fig. 20.



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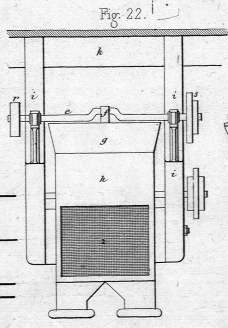

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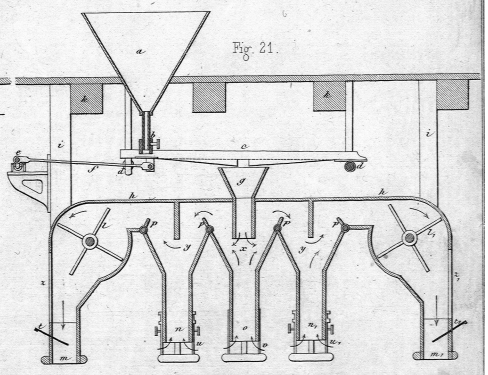
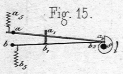


Artzberger's elektrische Uhr.

Fig. 15.



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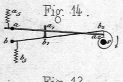

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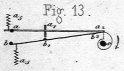

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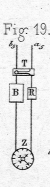

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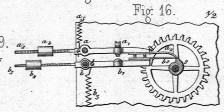

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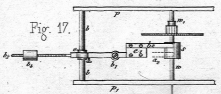
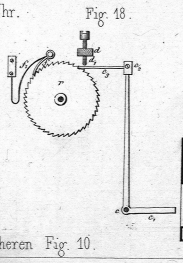
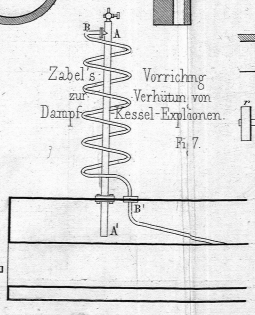


Fig. 18.

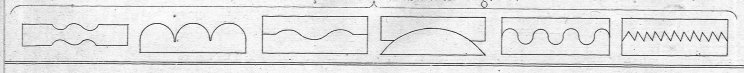


Zabel's Vorrichtung zur Verhütung von Dampfkessel-Explosionen.

Fig. 7.



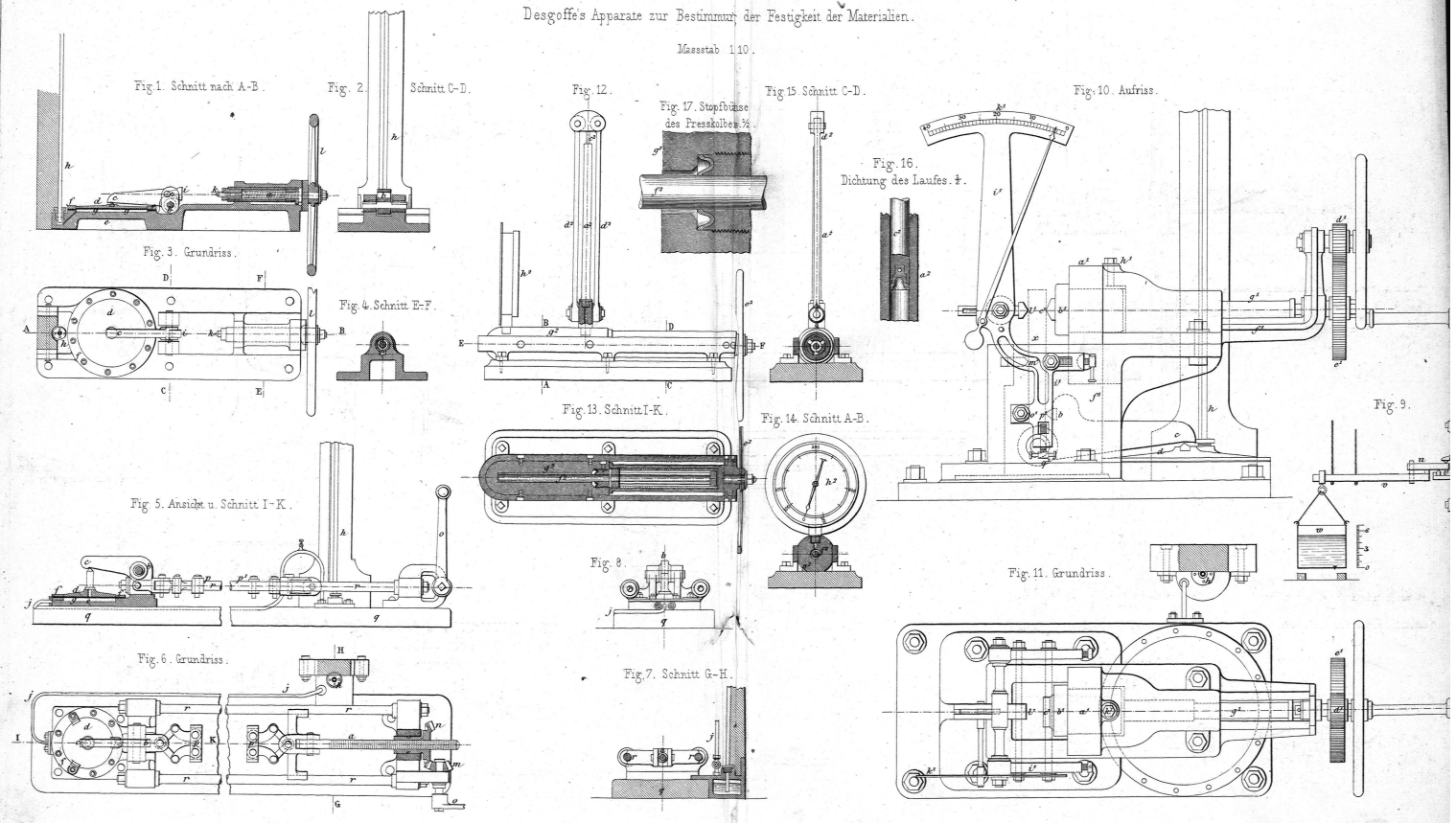
Façonirte Blechscheren Fig. 10.



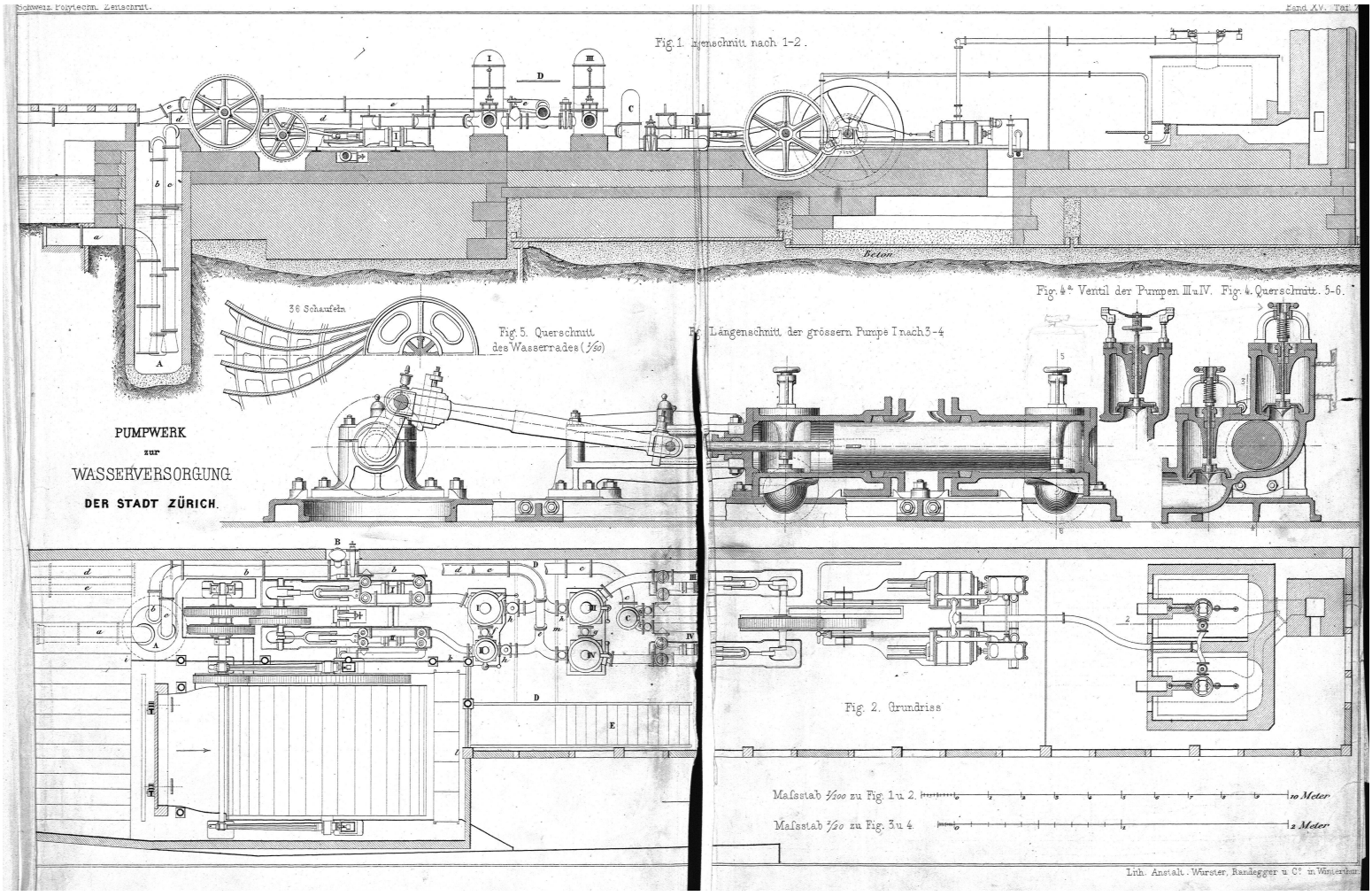
Lith. Anst. v. Wurster, Randegger & Cie. in Winterthur.

Desgoffe's Apparate zur Bestimmung der Festigkeit der Materialien.

Massstab 1:10.



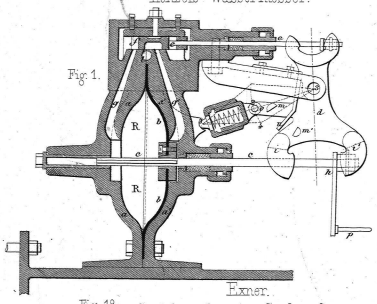
Lith. Anstalt v. Wurster, Randegger & Cie in Winterthur



Lith. Anstalt. Würster, Randegger u. Cie. in Winterthur.

Henzel's Wassermesser.

Fig. 1.



Exner.

Vorrichtung zum selbstthätigen Kugeldrehen.

Fig. 2.

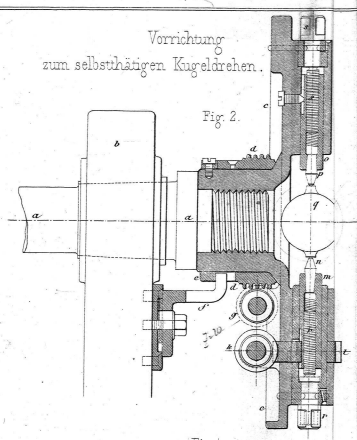
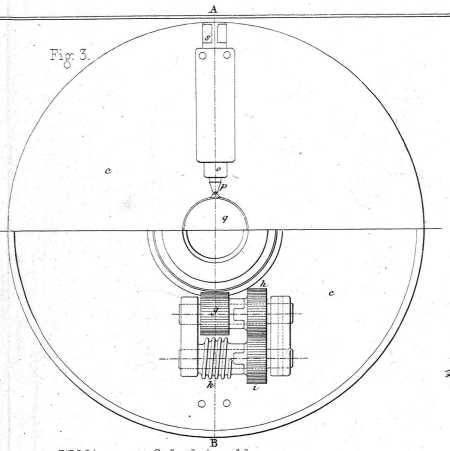


Fig. 3.



Osterkamp's pat: Gesteinbohrmaschine

Fig. 5.

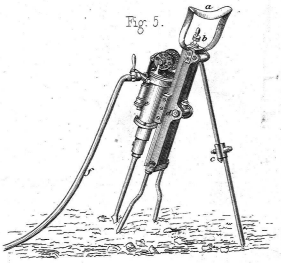
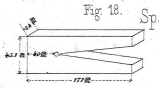


Fig. 18. Spaltfestigkeit u. Spaltwerkzeuge.



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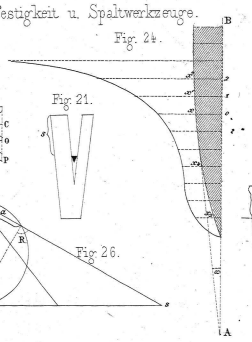

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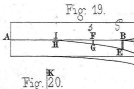
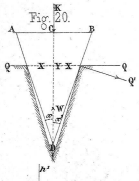


Fig. 21.

Fig. 20.



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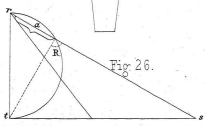
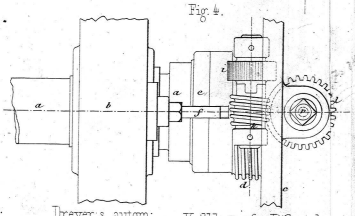
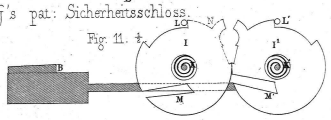


Fig. 4.



Wolf's pat: Sicherheitsschloss.

Fig. 11. ½



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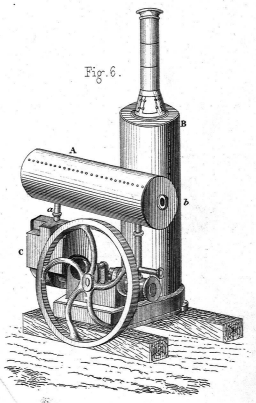


Fig. 17.

Fig. 12.

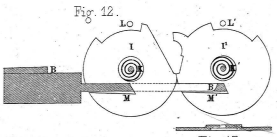
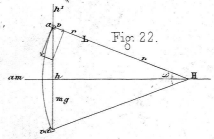


Fig. 13.

Fig. 22.



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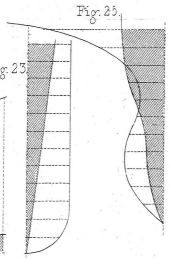
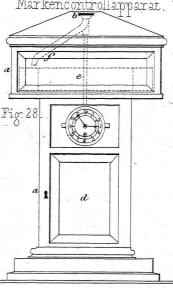


Fig. 23.

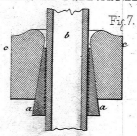
Dreyer's autom. Markencontrollapparat.

Fig. 28.



Keilklenue für Röhrenbrunnen.

Fig. 7.



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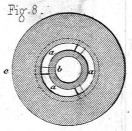

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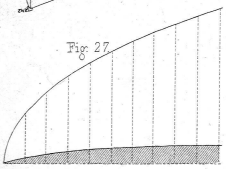
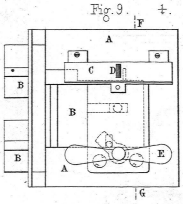


Fig. 9. ¼.



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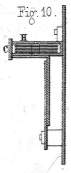
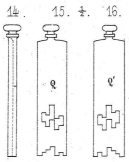


14. 15. ½. 16.



Lith. Anstalt v. Wurster, Randegger u. Co. in Winterthur.

Fig. 1.

GUSSEISERNER BRUNNEN

mit drei Schalen und einer Büttenträgerschale.

1/10.

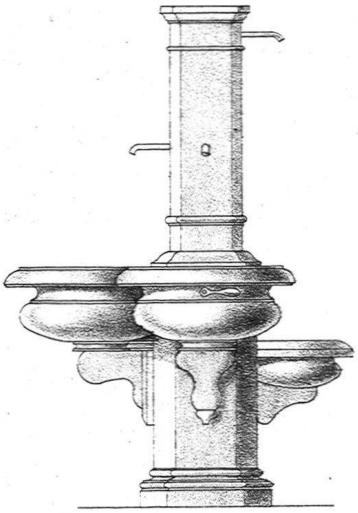


Fig. 2. Seitenansicht des Brunnens.

3/10.

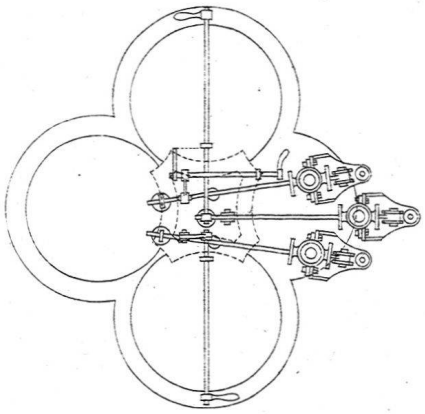
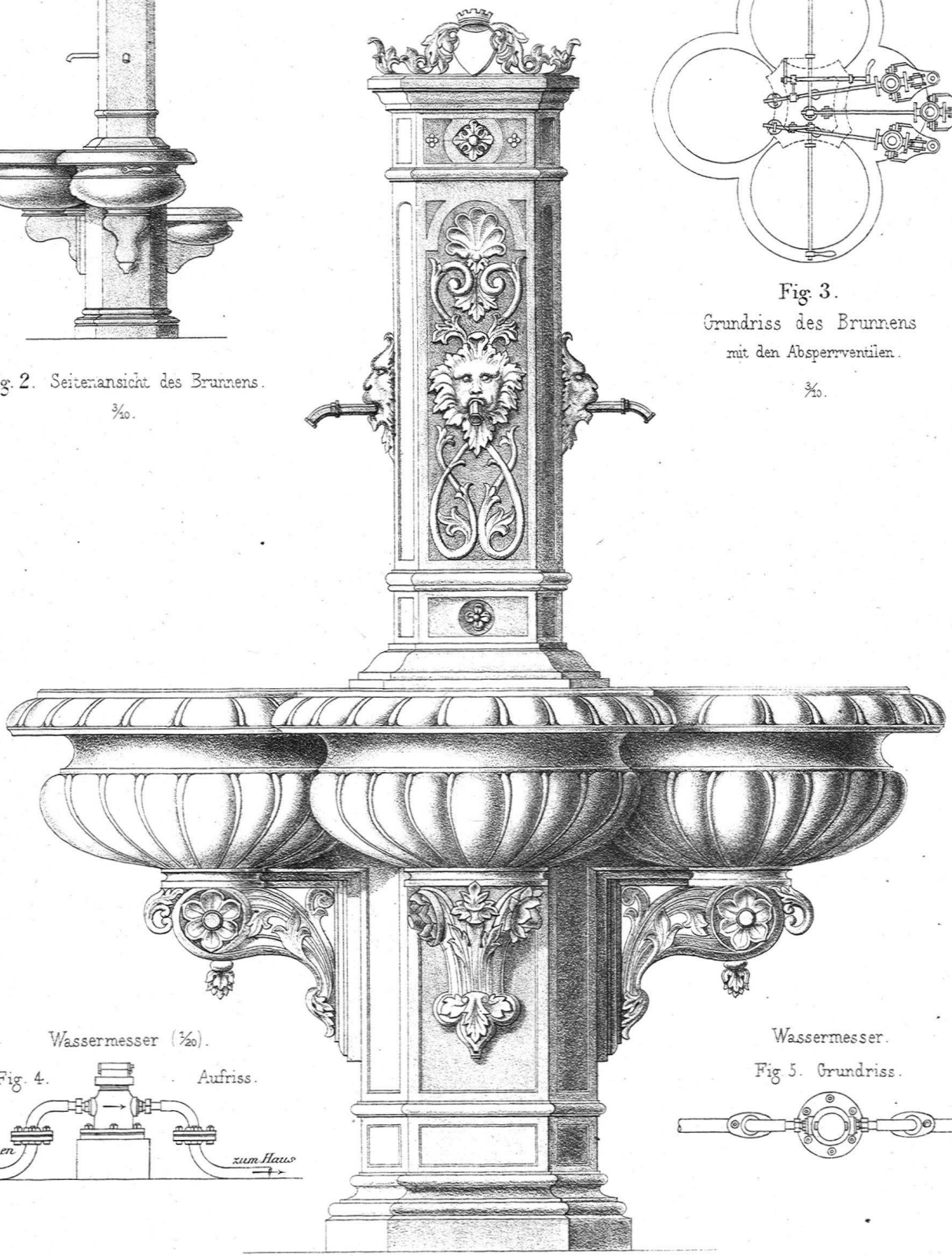


Fig. 3.

Grundriss des Brunnens

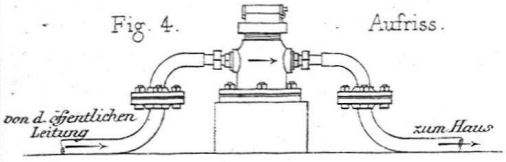
mit den Absperrventilen.

3/10.



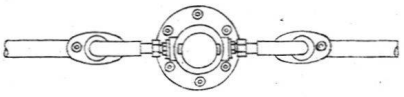
Wassermesser (1/20).

Fig. 4. Aufriss.

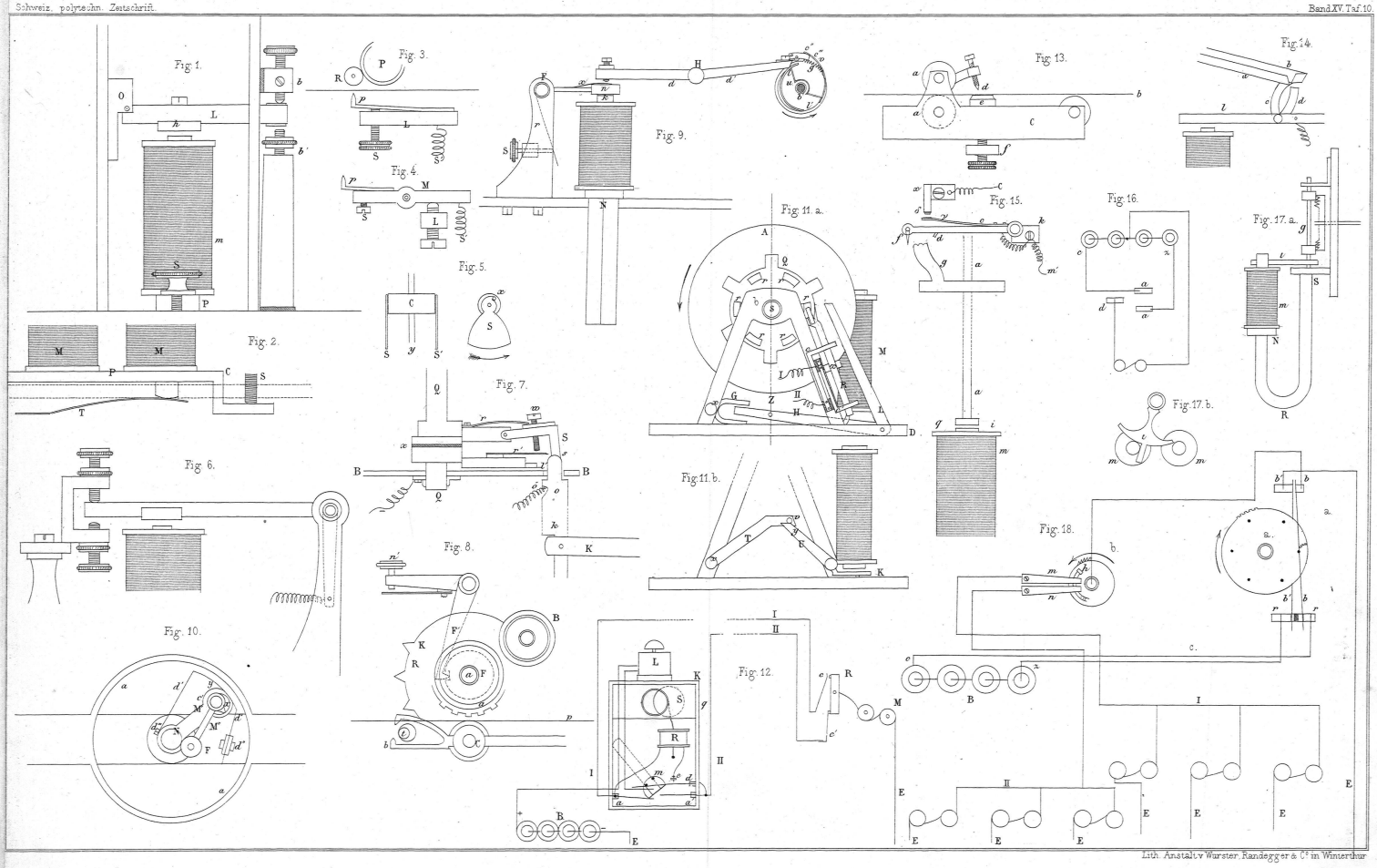


Wassermesser.

Fig 5. Grundriss.



Lith. Anstalt v. Wurster, Randegger & Co. in Winterthur.



Lith. Anstalt v. Wurster, Randegger & Cº in Winterthur

RIGI-BAHN.

Fig 1 Querschnitt der Bahn 1/25

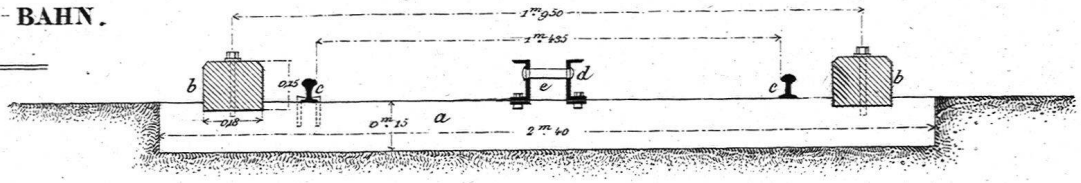
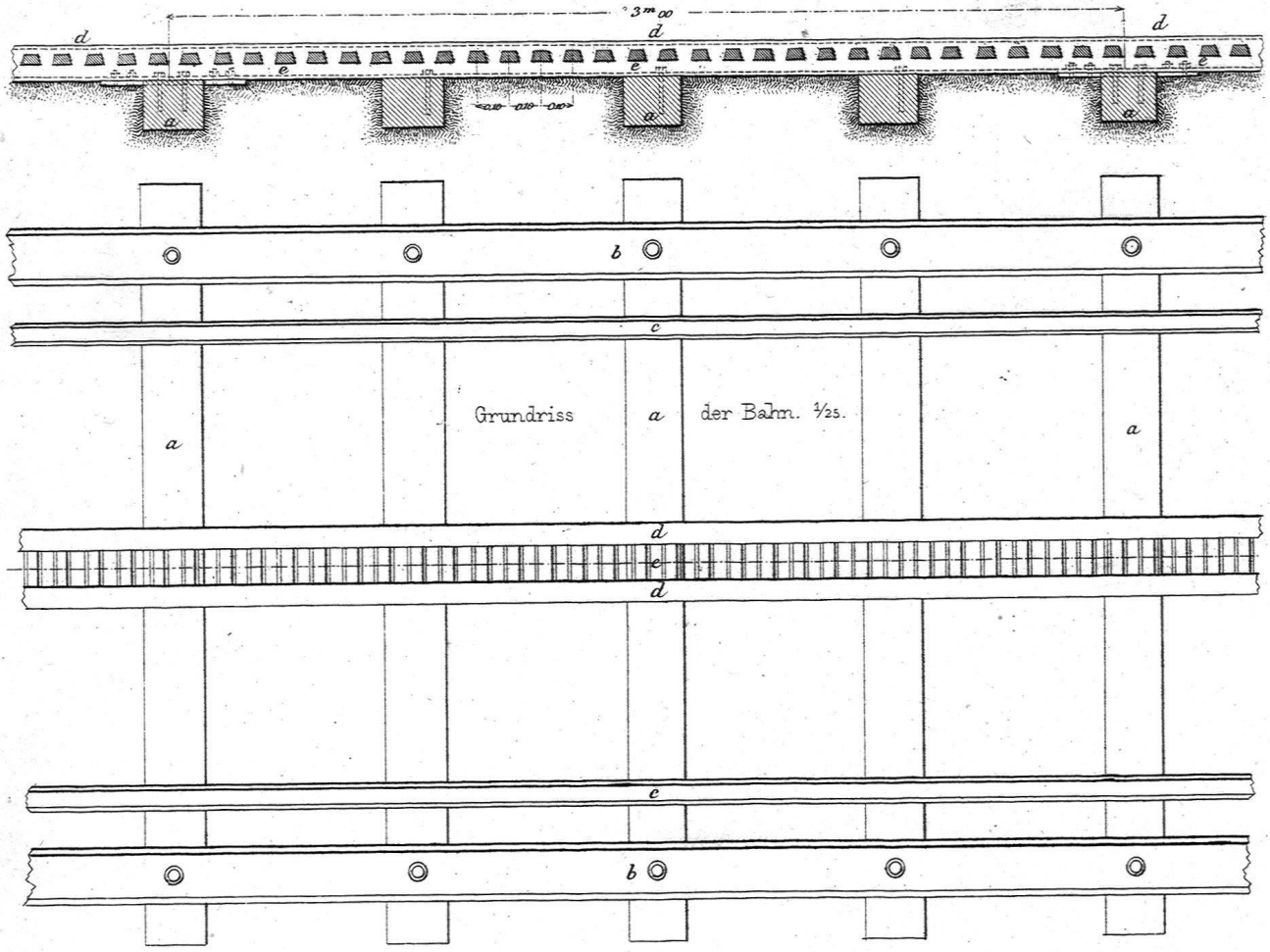


Fig. 2. Längenansicht der Bahn. 1/25.



Grundriss der Bahn. 1/25.

Drehbühne.

Fig 4. Längenansicht 1/100

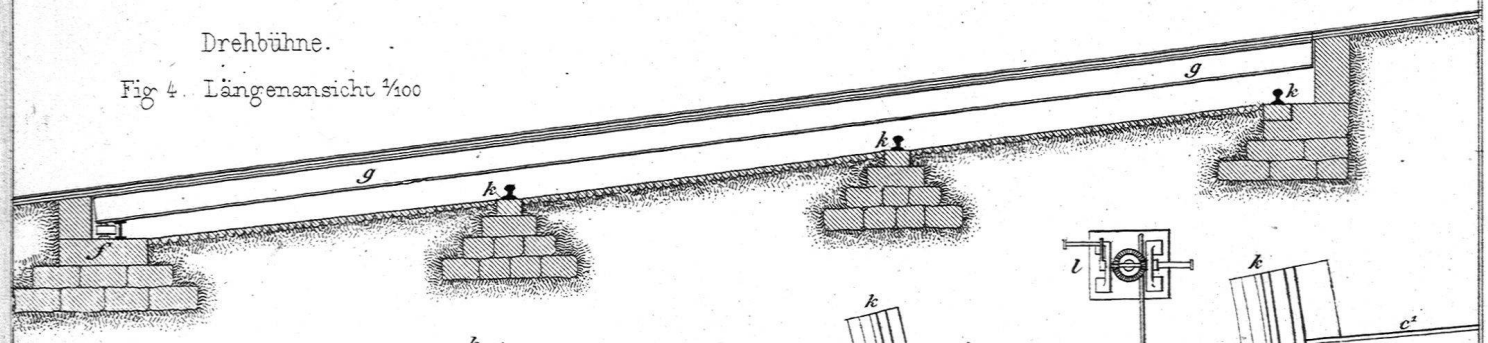
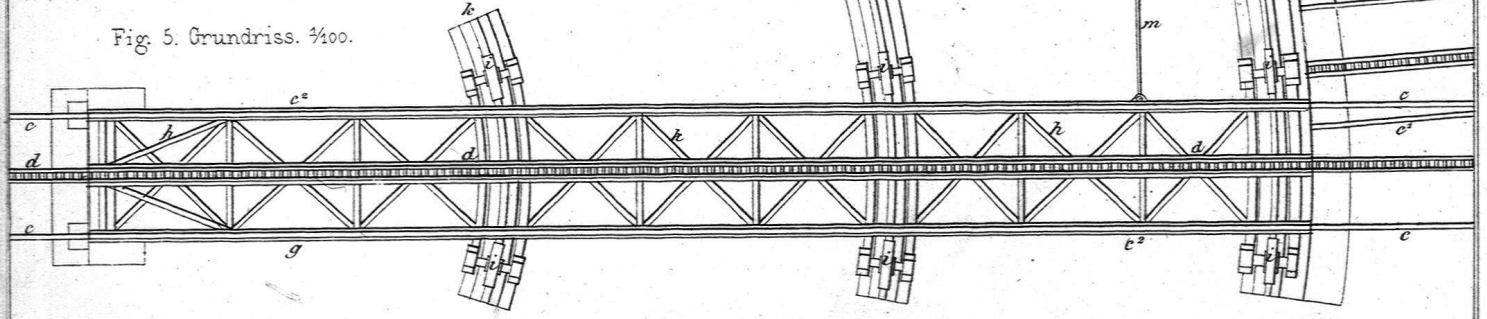
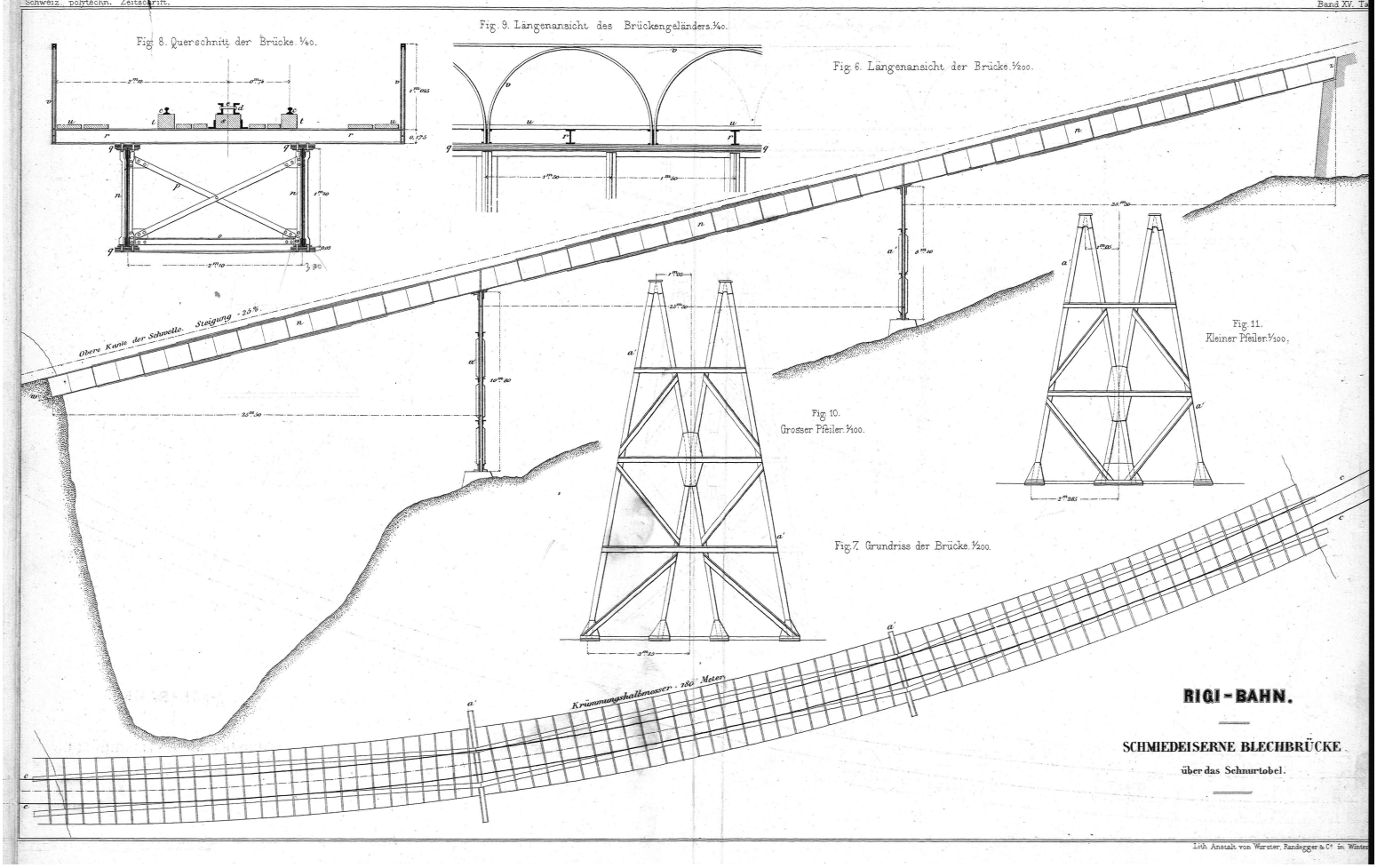


Fig. 5. Grundriss. 1/100.



Lith. Anstalt von Wurster, Randegger & Cº in Winterthur



RIGI-BAHN.

SCHMIEDEISERNE BLECHBRÜCKE

über das Schnurtobel.

Lith. Anstalt von Wurster, Randegger & Cie in Winter

RIGI-BAHN

Fig. 13. **Locomotive.** 1/25.

Hauptdimensionen der Locomotive.

Durchmesser des Cylinders	0m 270
Kolbenhub	0m 400
Expansionsverhältniss	1 : 3
Radstand	3m 00
Geschwindigkeit	1m 324
Gewicht der Maschine mit Wasser und Kohlen	12000 Kilogr.
Dampfdruck in Atmosphären	10.
Durchmesser der Triebräder n'	0m 2227
" " Axenräder o'	0m 6342
" der Zahnstangenräder q'	0m 6366

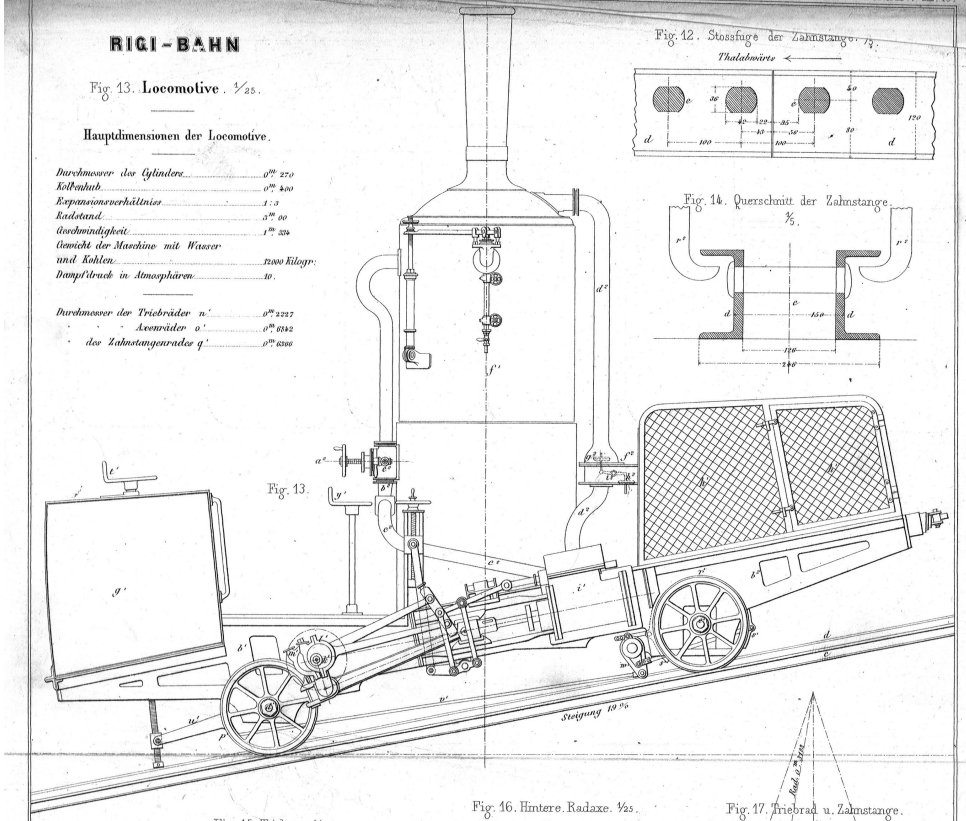


Fig. 12. Stossfuge der Zahnstange. 1/5.

Fig. 14. Querschnitt der Zahnstange. 1/5.

Fig. 15. Triebaxe. 1/25.

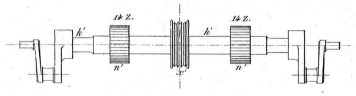


Fig. 16. Hintere Radaxe. 1/25.

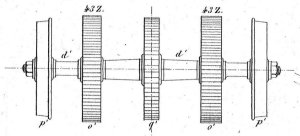
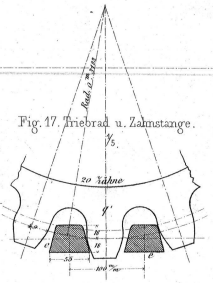


Fig. 17. Triebrad u. Zahnstange. 1/5.



Personen Wagen. 1/25.

Fig. 18. Längenschnitt u. Ansicht.

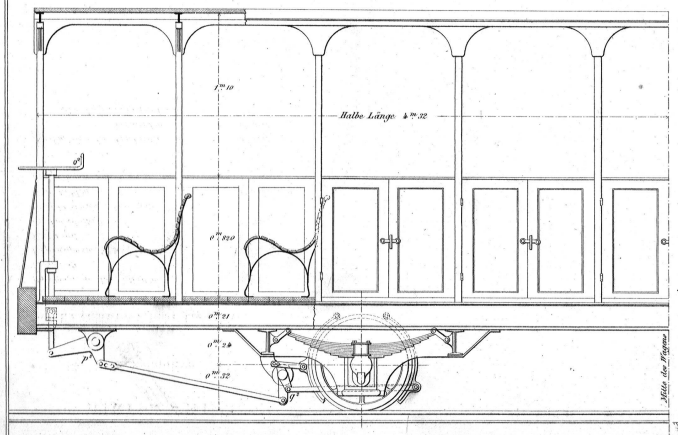
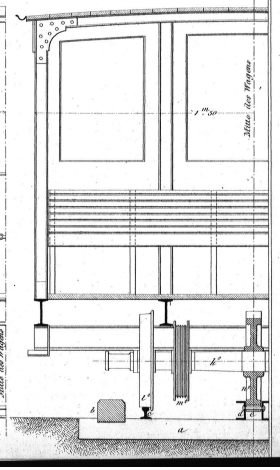



Fig. 19. Querschnitt.