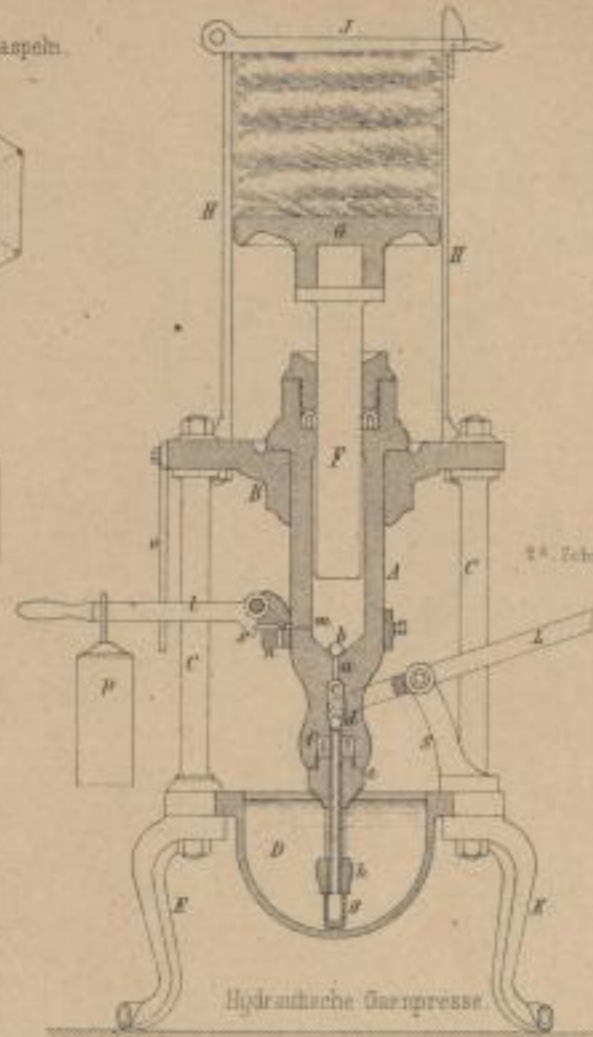
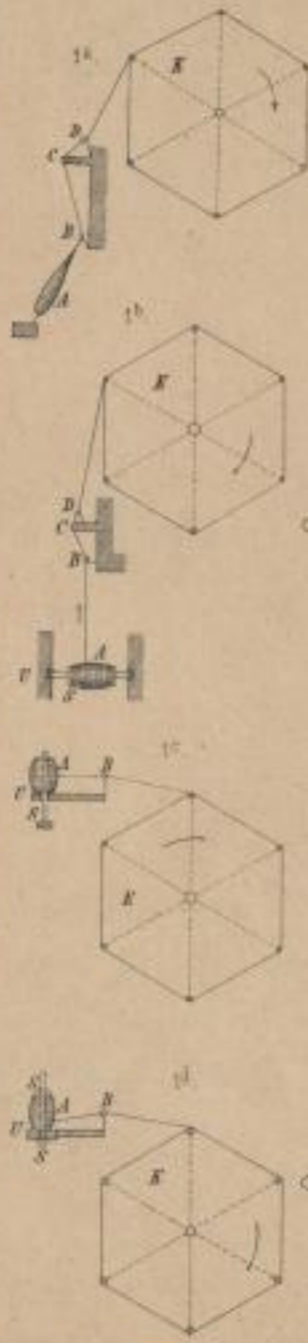
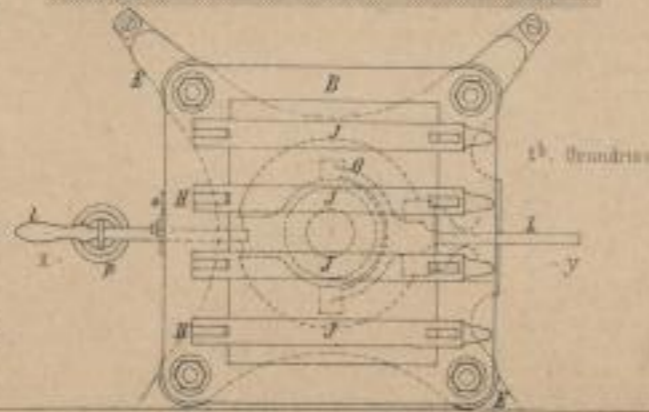


Spannung des Fadens beim Haseln.

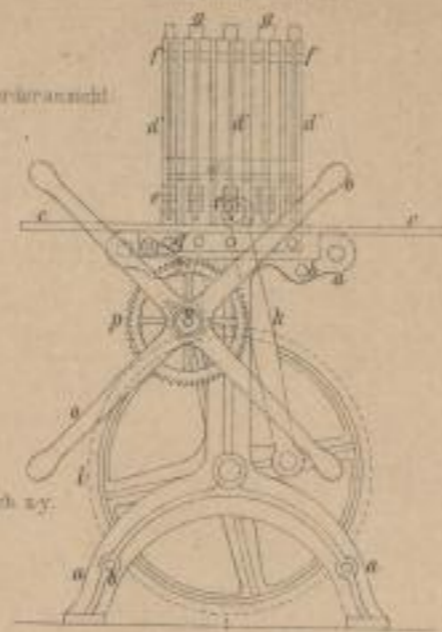


2a Schnitt nach xy.



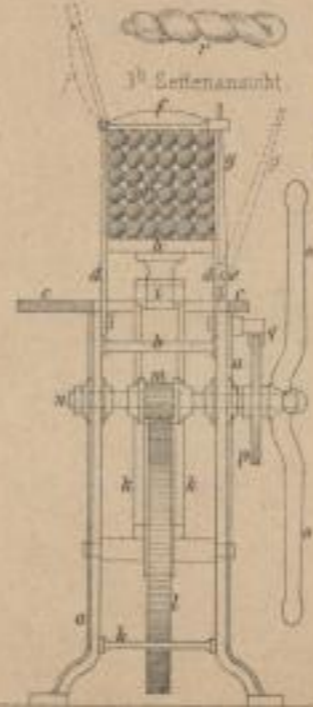
Garnpackpresse (1/2)

3a Vorderansicht

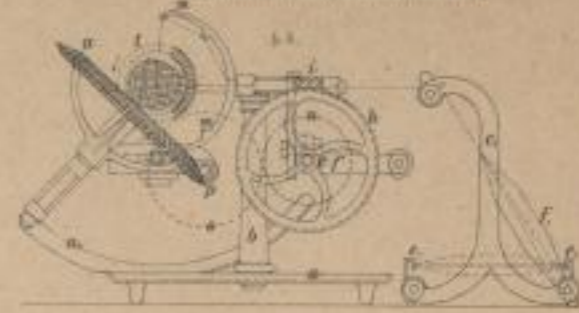


3b Garnsträhn

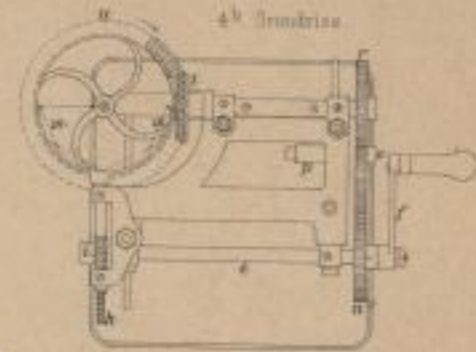
3c Seitenansicht



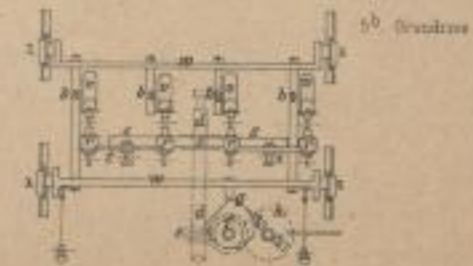
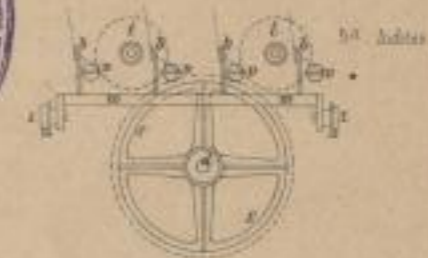
Seladin's Garnwickelmaschine.



4a Vorderansicht



Stein's Kartchen-Bewickel-Maschine.



17th. Aufl. v. F. Weis Darmstadt

Kroner's Atlas der mechan. Technol. 1 Th. 17. Aufl. v. Weber et. Teil II.