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# MONUMENTA PULVERIS PYRII

REPRODUCTIONS OF ANCIENT PICTURES CONCERNING THE  
HISTORY OF GUNPOWDER, WITH EXPLANATORY NOTES.

BY

OSCAR GUTTMANN

M.INST.C.E., F.I.C., F.C.S.

EINE GETREUE  
WIEDERGABE ❖  
ALTER ❖ ❖ ❖  
ABBILDUNGEN ❖  
ZUR GESCHICHTE  
DES ❖ ❖ ❖ ❖  
SCHIESSPULVERS.  
MIT ❖ ❖ ❖ ❖  
ERKLAERENDEM  
TEXTE. ❖ ❖ ❖



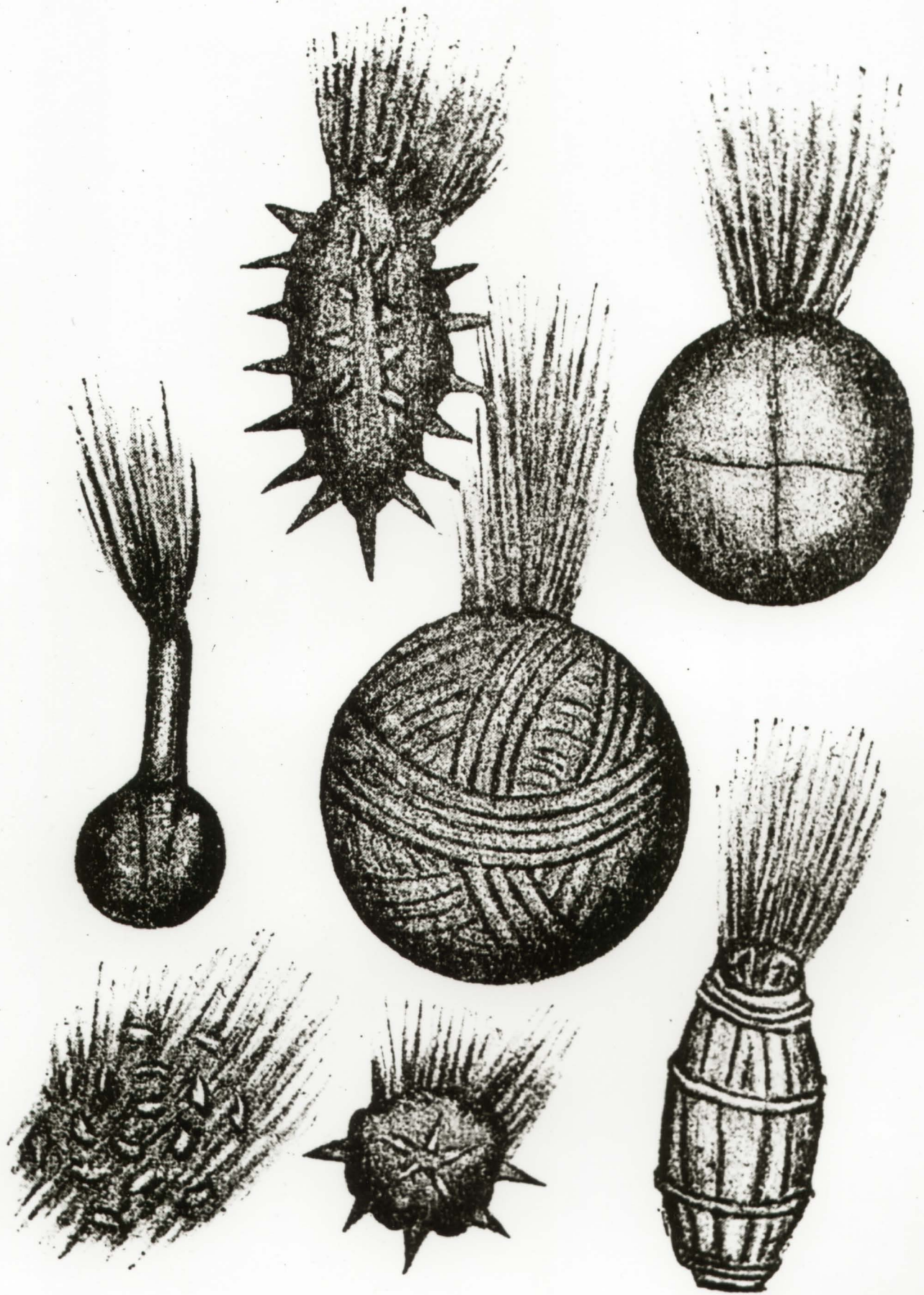
REPRODUCTION  
D'ANCIENS ❖ ❖  
TABLEAUX ❖ ❖  
CONCERNANT ❖  
L'HISTORIQUE  
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PUBLICATION  
ACCOMPAGNEE  
DE NOTICES ❖  
EXPLICATIVES.

PRINTED FOR THE AUTHOR  
AT THE ARTISTS PRESS  
BALHAM S.W.  
LONDON  
MCMVI





**M**undo senescere senescunt hoies non ppter minus  
senectutem si multiplicat<sup>r</sup> vniuersa<sup>m</sup> sufficiencia<sup>m</sup>  
ipm aerem qui nos circumdat a uehementia<sup>r</sup> regis 118





*Eight Inch Carcass, or Explosion Rocket.*



*Seven Inch Carcass, or Explosion Rocket.*



*Six Inch Carcass, or Explosion Rocket.*



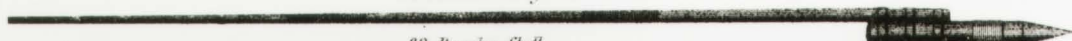
*Fig 14*



*42 Pounder Carcass.*



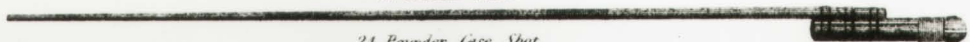
*32 Pounder Carcass.*



*32 Pounder Shell.*



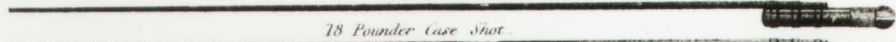
*24 Pounder Shell.*



*24 Pounder Case Shot.*



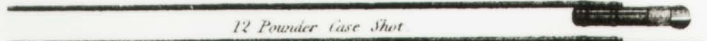
*18 Pounder Shell.*



*18 Pounder Case Shot.*



*12 Pounder Shell.*



*12 Pounder Case Shot.*



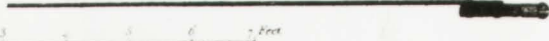
*9 Pounder Shell.*



*9 Pounder Case Shot.*



*6 Pounder Shell.*



*Fig 1*



*Fig 2*



*Fig 3*



*Fig 4*

*Fig 5*



*Fig 6*



*Fig 15*



*Fig 11*



*Fig 13*



*Fig 10*



*Fig 12*



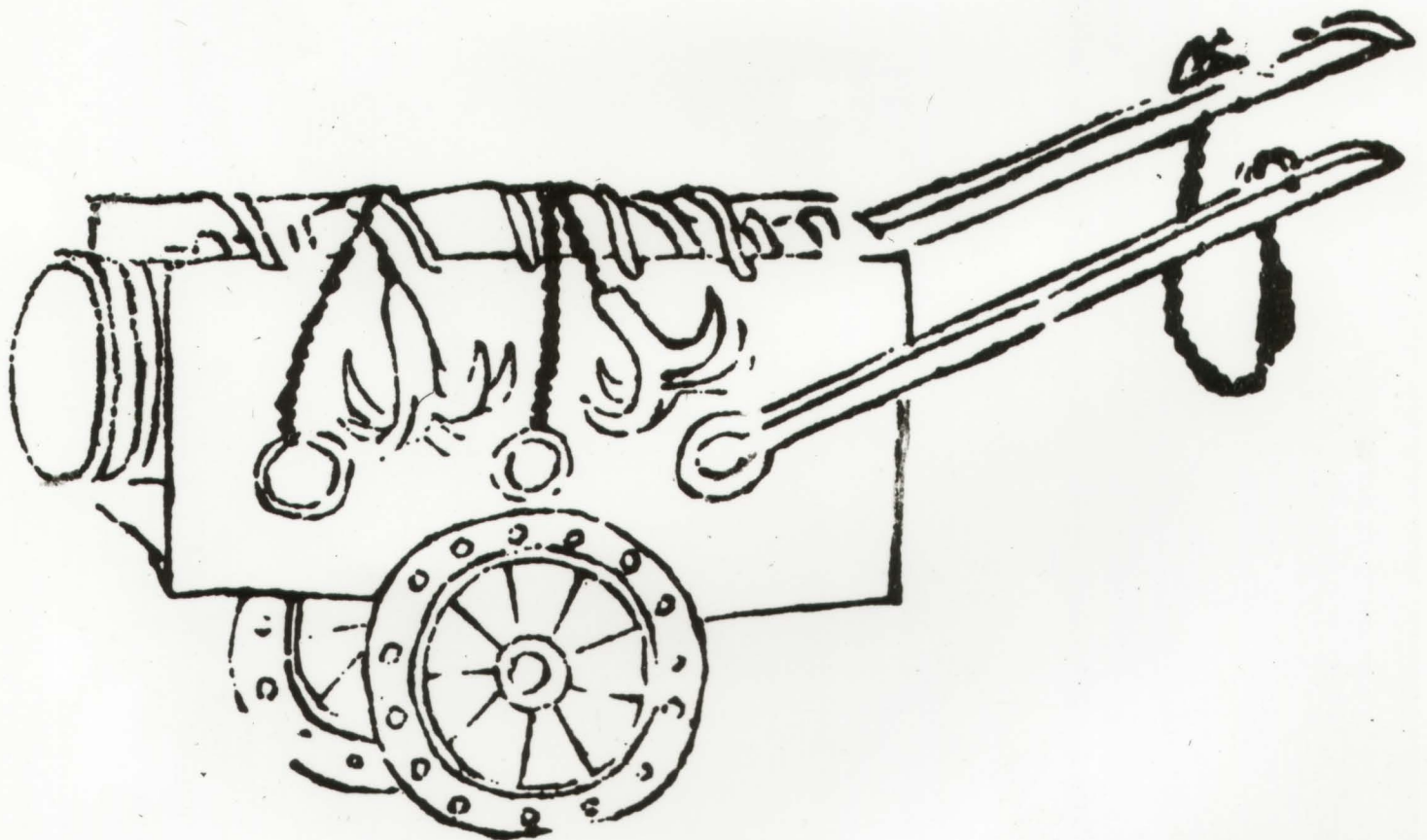


**Fig. 17B. Twenty-shot Gun.**

name fo-lang-chi was used for the gun before the Chinese  
uguese. Pelliot<sup>140</sup> mentions that Bābur used the Tur  
or cannon just after 1500, and thinks the name may hav  
way of Malaya, and become fo-lang-chi.

rd Barbosa<sup>142</sup> reported that about A.D. 1500 Chinese s

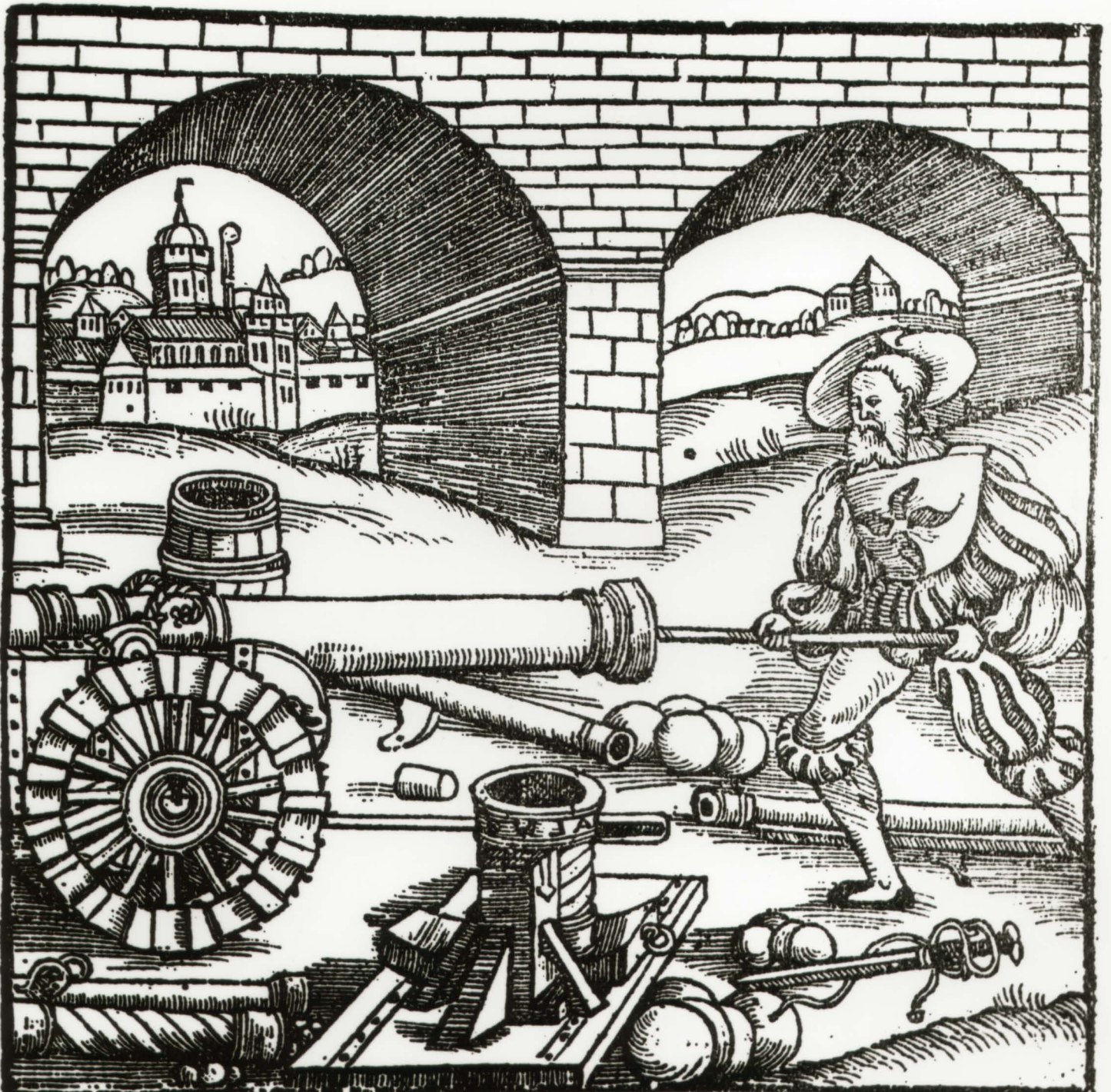
carried saltp  
er kinds of ca  
etre may hav  
que invaded  
l of 8000 with

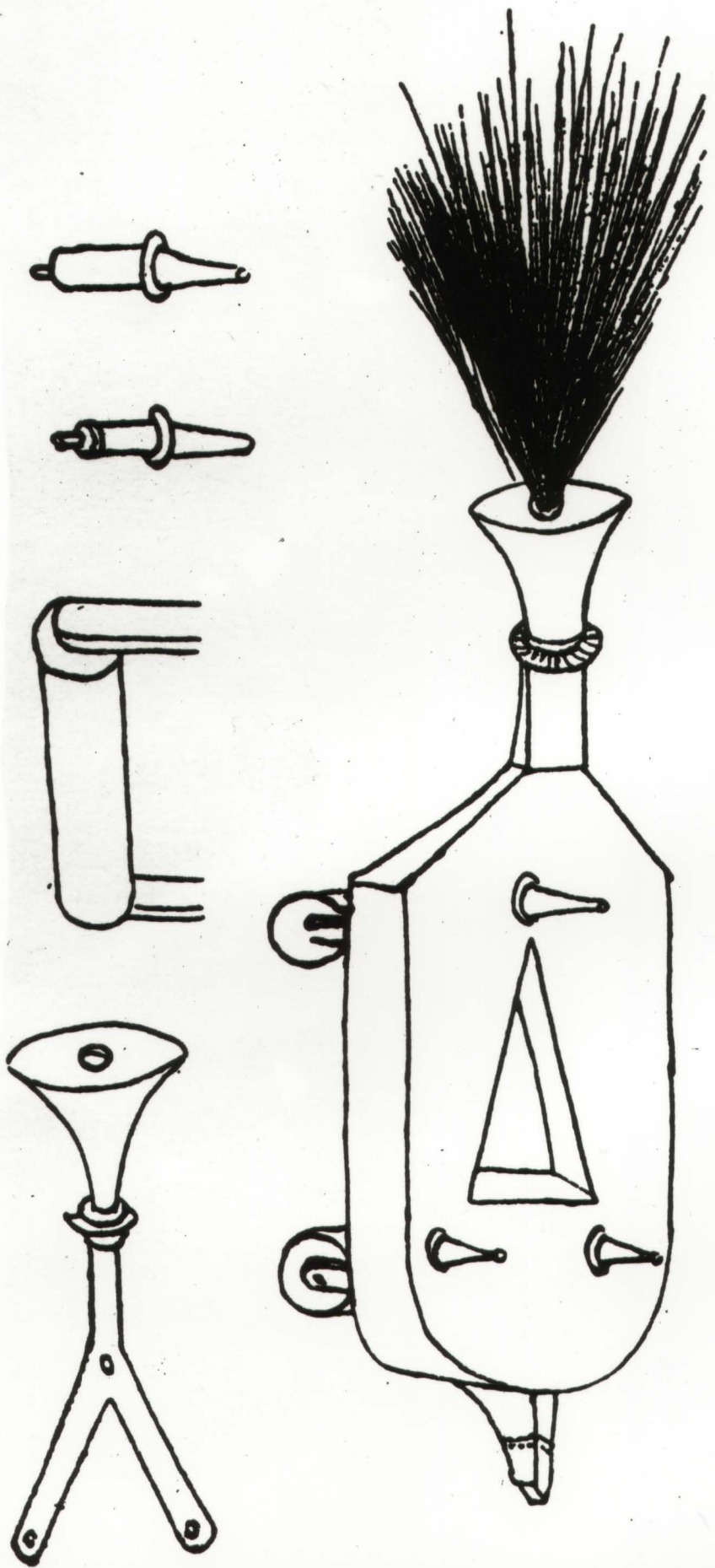


1420, are unwarranted. The repetitions in it show that it was pieced together from several sources, no doubt of very different dates.

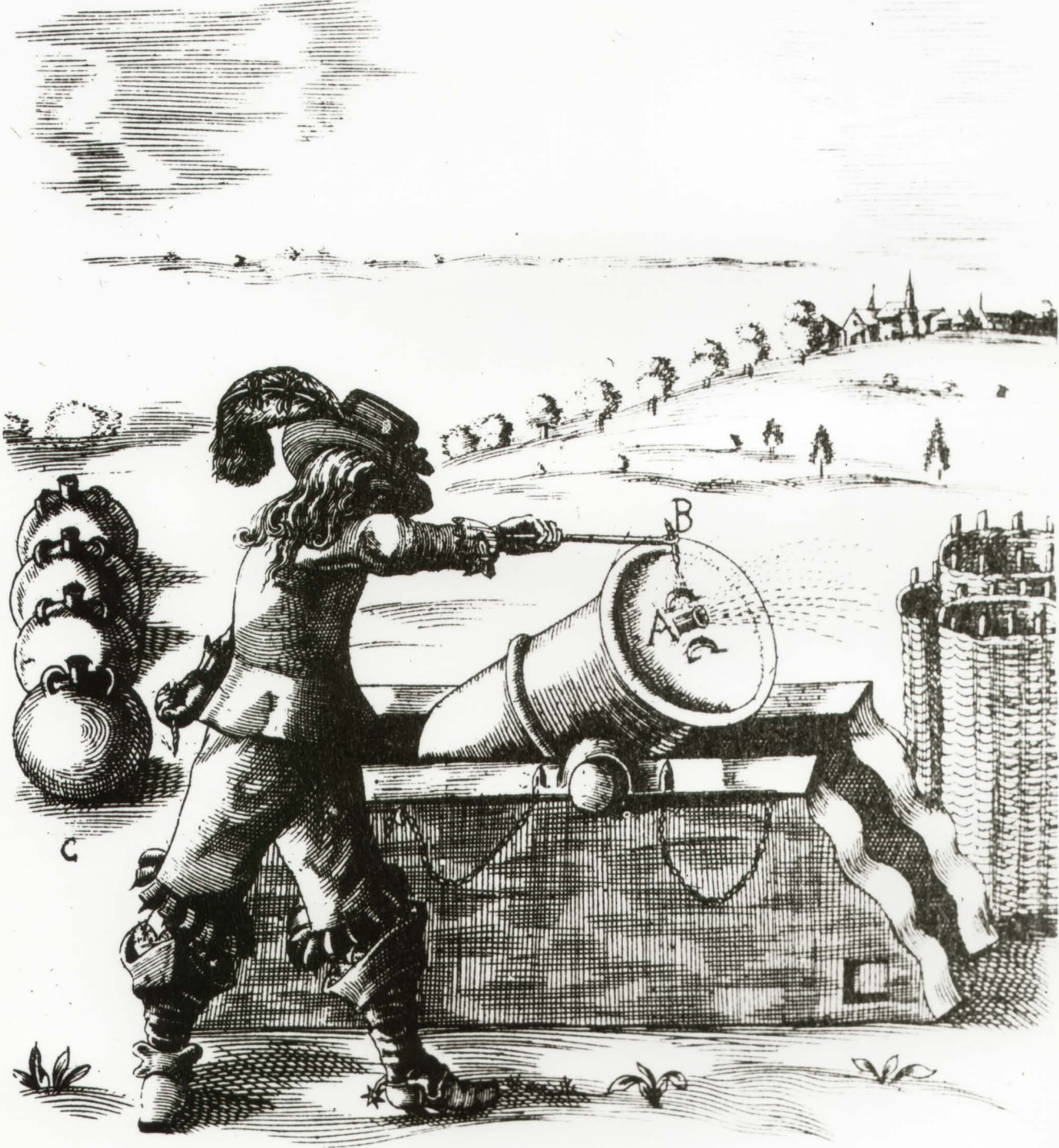
Ginsburger<sup>45</sup> referred to a manuscript of the *Feuerwerkbuch* written in Hebrew script, and claimed the invention of gunpowder for a Jew, Typsiles, in Augsburg in 1353 (which is a century too late). What Hassenstein, a fervent Nazi, would have said of the last is perhaps best not imagined. The *Feuerwerkbuch* was printed as an appendix to *Flavii Vegetii Renati vier Büchern*

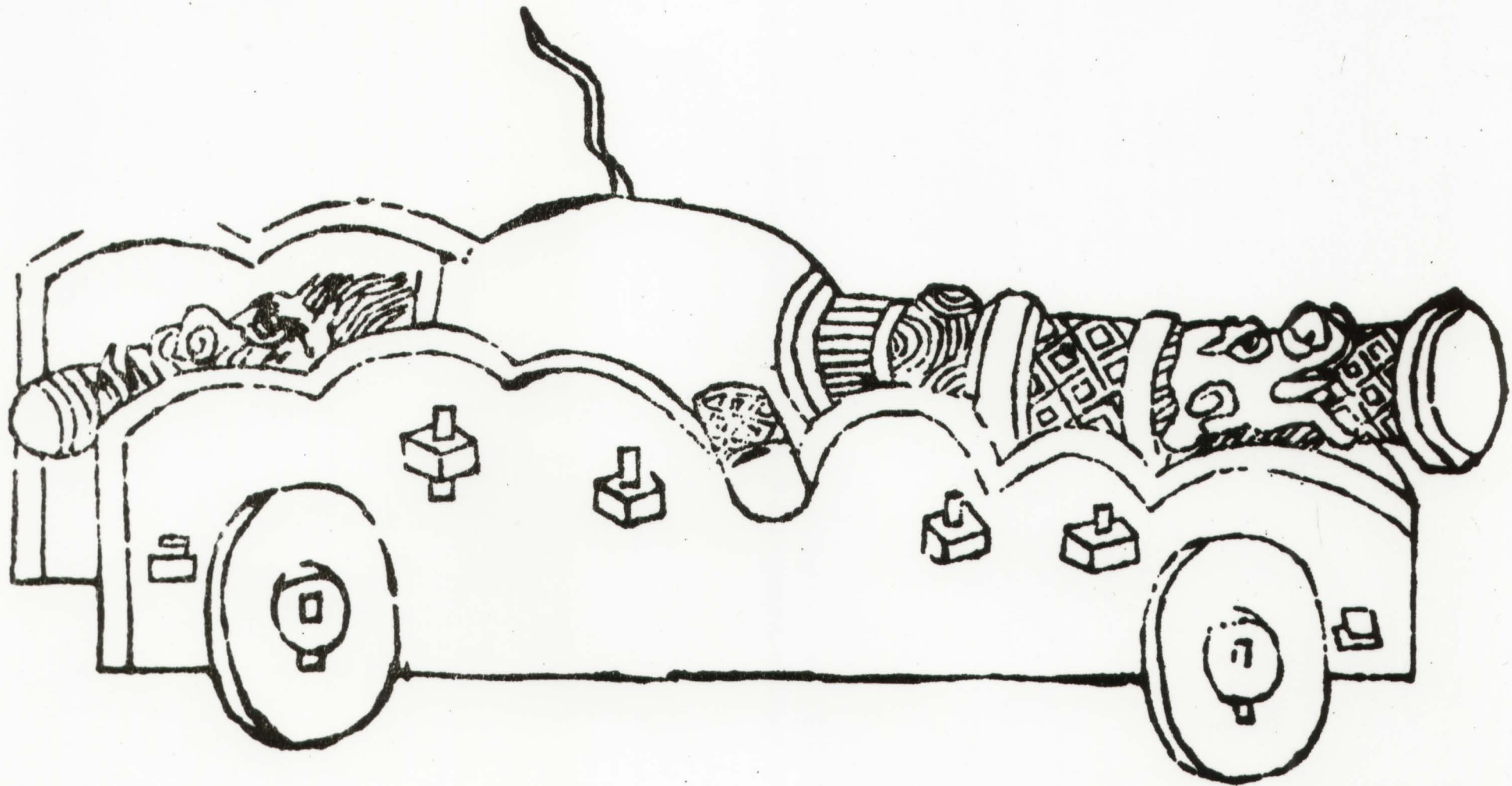
**Wye nachuolget vonn Büchsen geschof / Puluer /  
 Feuerwerck / wie man sich darmit auß ainer Statt / feste / oder  
 Schloß / so von feynnden belägeret wer / erretten / Auch sich  
 der feind darmit erwözen möchte.**





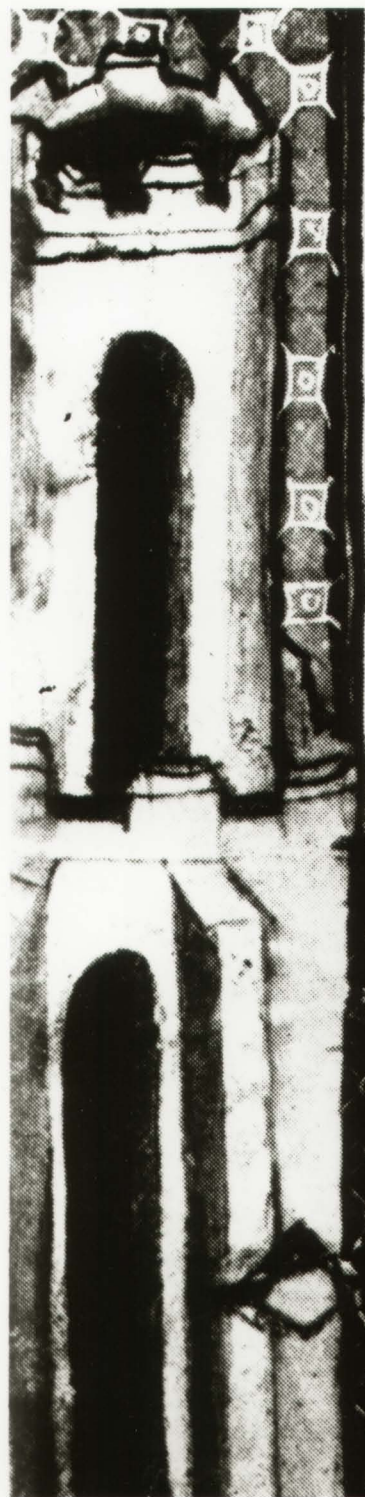


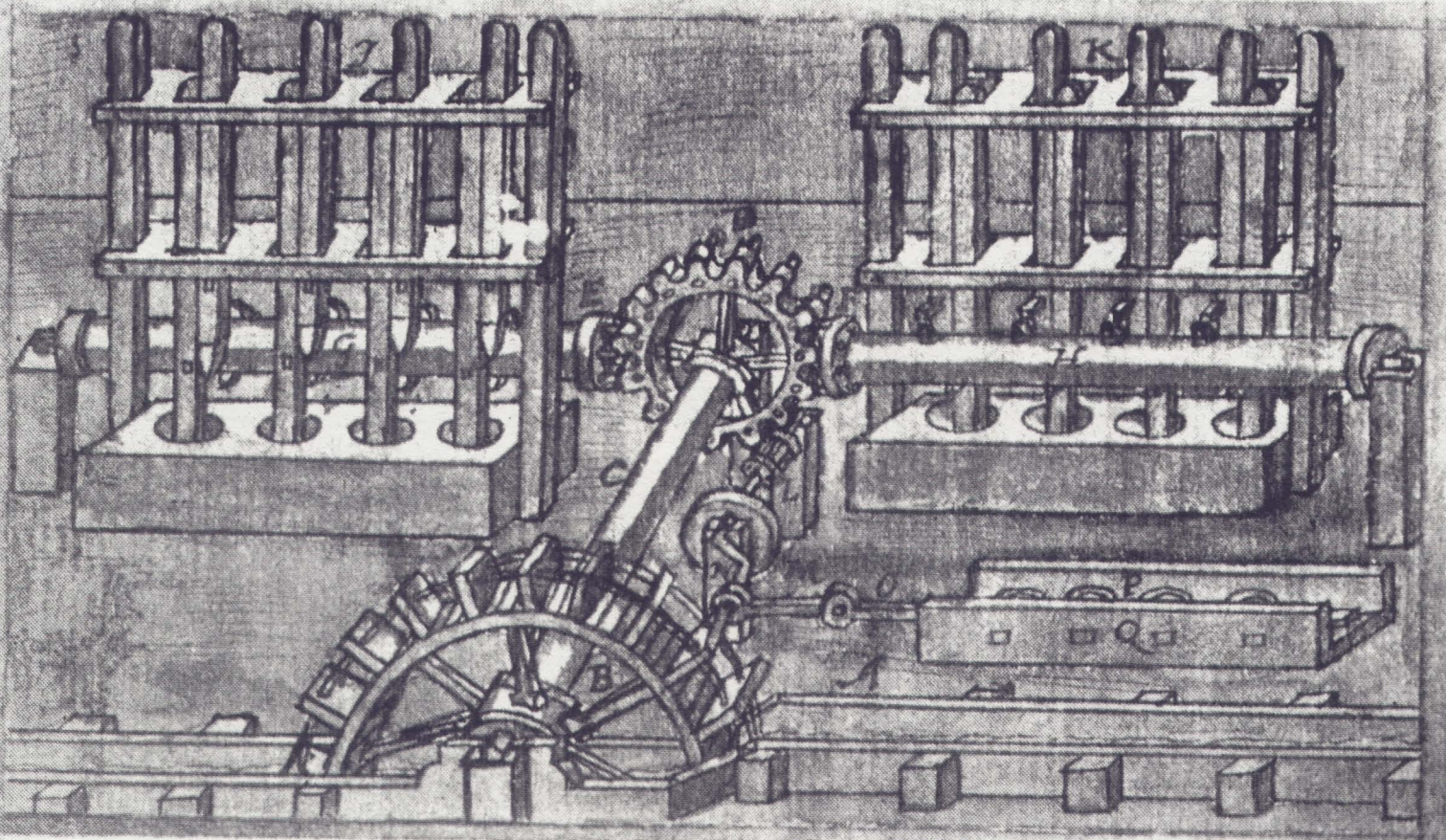






et in his diebus et per hunc mundum  
nihil fuit contra te in nobis nulla fir-  
mitas ergo fiduciam quod habemus in te  
sequimur in honore et gratiam. Et in cel-  
regnando cum deo et tota celesti mili-  
tia gloriam sempiternam. Quod  
deus concedat qui sine fine vivit  
et regnat Amen.







Loco Stradanus iuvent.

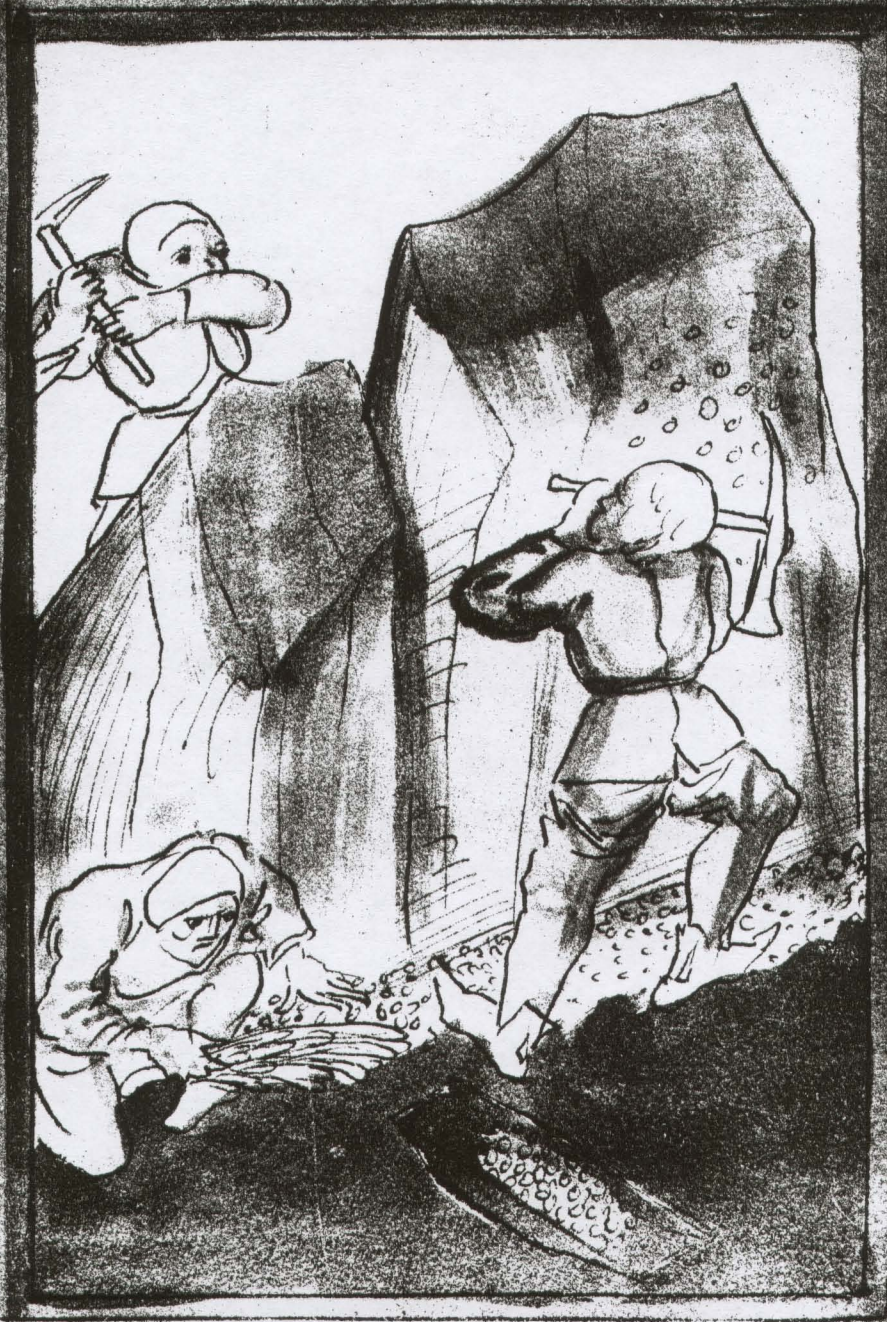
Phil's Gall' excud.

















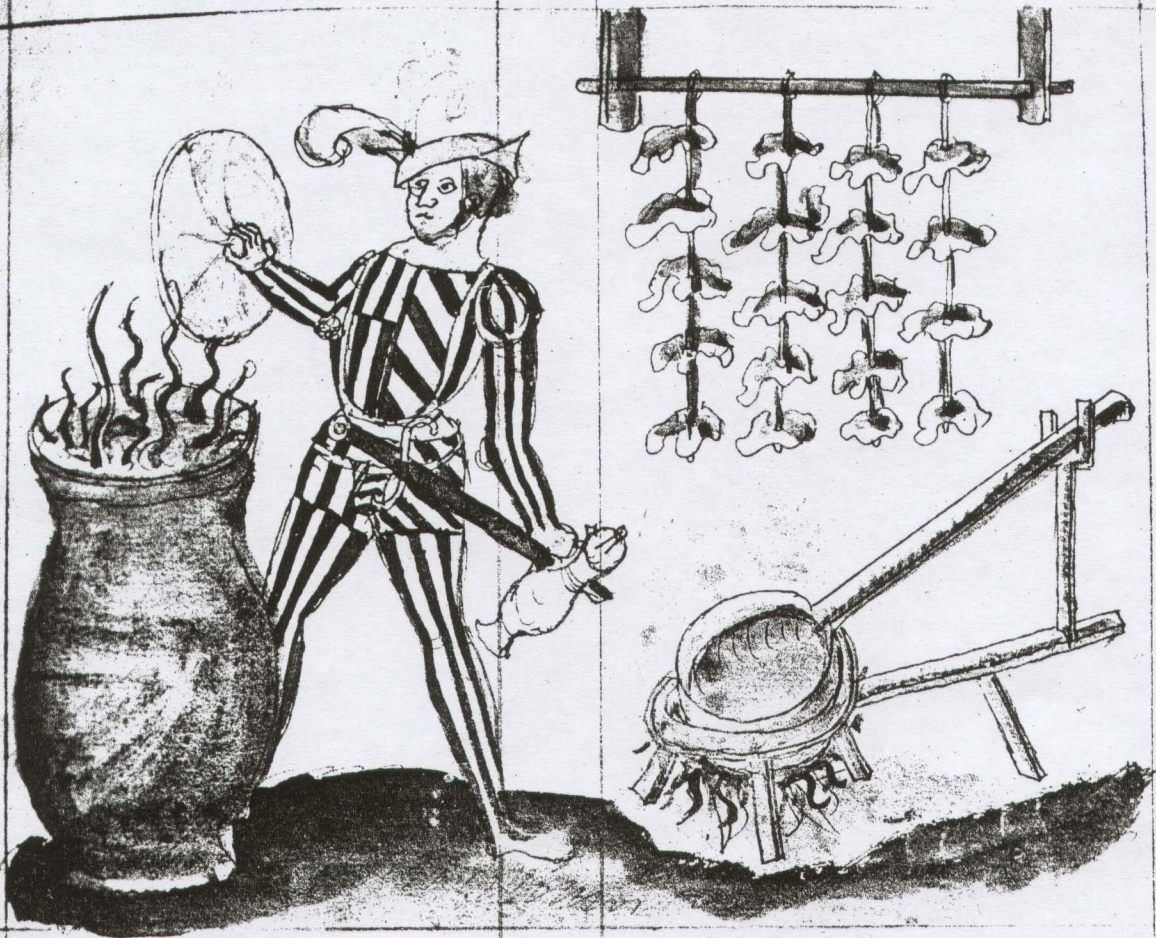
Den Salme soltu also gieffen Ein Salme manen yrdem tegel / vor  
 tu xxx. teil siwebel ditzu / vnd vmaß den tegel garnol vnd setz in a  
 am gluz / vnd wenn am plaw tnußt dauon get so prich den tegel auf  
 ist der salme zergangen / den machstu gieffen warem du wilt od in well  
 model du wilt In wiltu ab den salme ferwen rot so reib zynob. bla  
 vnd schut den daren In wiltu aber grün ferwen so nym grün spa  
 In wiltu in ab plaw ferwen so nym plaw farb / die gel gat von Saffran



Du Salme kaufest od gewinnest wiltu in vsuchen ob er gut sey  
So stoz dem hant dorem ist das si die fucht wirt darinn so ist er  
ist si ab trucken so ist gut Auch greif mit der zungen an die hant  
ne vsalgen so ist der Salme nicht gut Ist die hant süß so ist d' salme gut

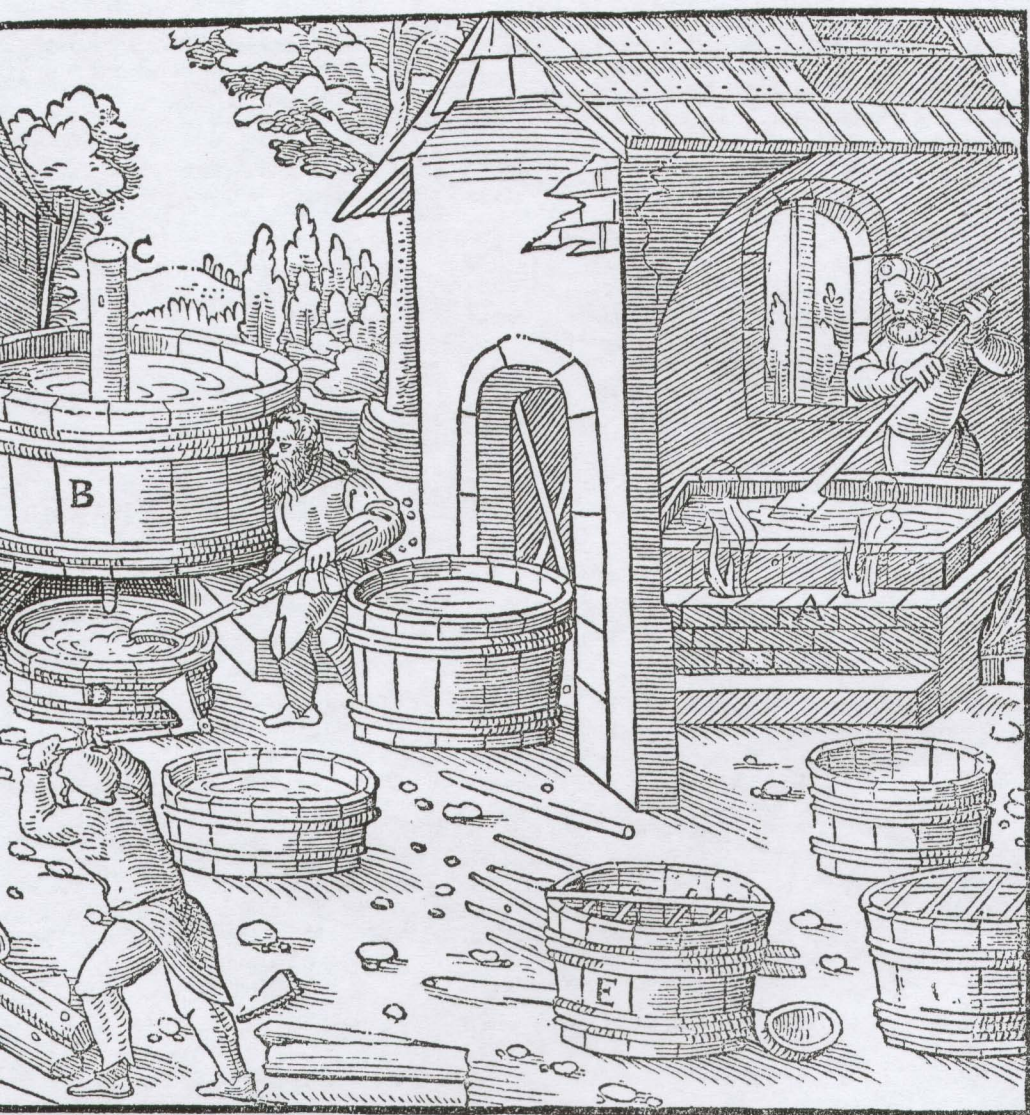


Also macht man Salpāc Item so nym Salmt' my lib vnd Salarmianak 1 lb  
 Wasser 1 lot vnd send das in gepurtem Stein vngd' Salmt' wol zerg  
 gewis dem den ab. in amen fiden hafen d' die form hab. vnd heng den  
 in em Keller vnd lazz in em monard also hengen. Darnach goe dar vnd  
 hafen auissen den kies ab / vnd darnach goe alweg vß. 10. od vß. 20  
 vnd wächs den hafen auissen das weiz vnd das grāw ab. das ist das p  
 der das yemant ghaben mag vnd 1 pfine gilt vi gulden

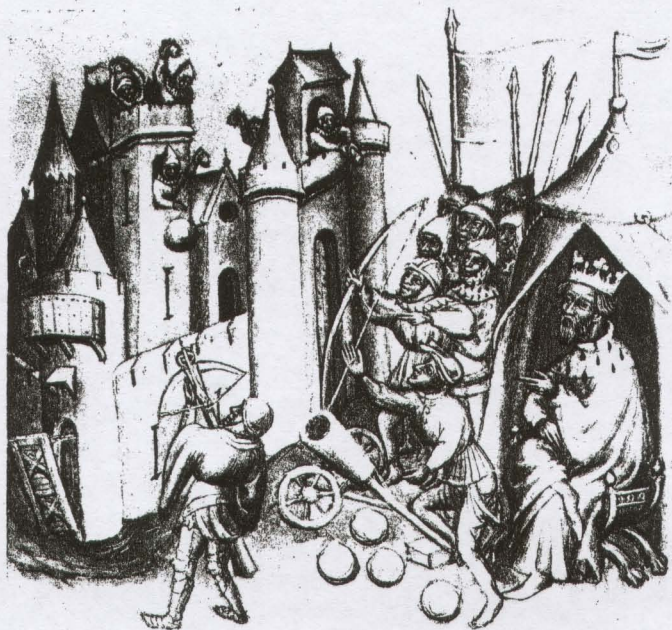




















Barthold le Noir Schvartz  
Inventeur de la poudre et de l'Artillerie Allemande  
de Nation et de l'ordre de Chevalier de S.<sup>t</sup> Francois



**BARTHOLD SCHWARTZ.**

Berühmter Franciscaner Mönch, Doctor  
Alchimist und Erfinder des höchst schädli-  
chen, und auch zu gewisser zeit, höchstnüt-  
zlichen Schiffs Pulffers, zu Goslar Aö: 1780.

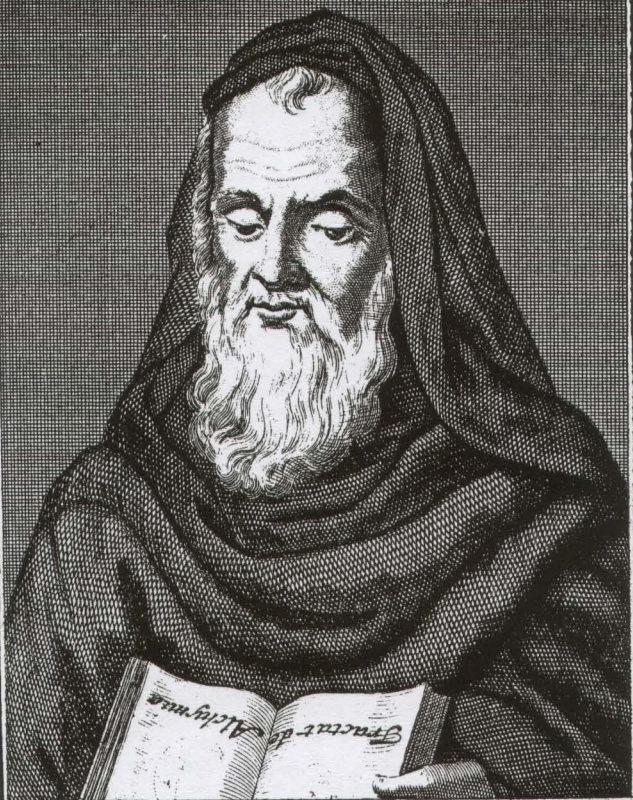
Des Ehrwürdigen vnd Sinnreichen Patters Bertold Schwartz genandt, Fran-  
ciscaner Ordens, Doctor, Alchimist, vnd Erfinder der freyen Kunst des Büchsen-  
schießens, im Jar 1380.



Secht da was thuet die zeit, vnd die Natur darneben,  
durch Scharfsinnigeleucht, offft mals an den Tag geben  
Des Büchsen-schießens Kunst, Erzeugt durch Fiewres art  
vnd aus der Natur dinst, zu mal geboren wardt.







**ROGERIVS BACON,**  
*Monachus in Anglia,*  
*Astrologiae Chemiae et Mathe,*  
*scor peritissimus.*  
*Nat. A. 1206. Don. A. 1294.*  
*Ex collectione Friderici Roth-Scholae Norib.*



