



Restaurato da
Edoardo Mori
per il sito
www.mori.bz.it

Giovanni Fontana

Bellorum instrumentorum liber

Venezia 1420 - 1430

Manoscritto della Bayerische Staatsbibliothek

Giovanni Fontana (Padova 1395 - 1454 circa) è stato uno scienziato, medico e umanista italiano vissuto nella Repubblica di Venezia, a Udine.

Giovanni Fontana fu una personalità tipica del suo tempo, il primo Rinascimento, fatto di sperimentazione e ricerca fondate su una profonda riscoperta dei classici greci, latini e arabi – tanto sul fronte umanistico quanto su quello scientifico – e di persone dotate di una grande curiosità e capacità di analisi che spesso però sfociava nella pratica magica o rasentava la superstizione. Per lungo tempo le sue opere (spesso pubblicate sotto falso nome) furono dimenticate o attribuite ad altri. Di fatto fu riscoperto solamente alla fine del settecento.

Il titolo del trattato è un po' fuorviante o almeno non tiene conto dell'ampia gamma di tecnologie incluse nelle 70 pagine (con circa 140 illustrazioni). In questo libro sono state raffigurate, tra gli altri, macchine d'assedio, fontane e pompe, macchine di sollevamento e trasporto, torri difensive, draghe, serrature a combinazione, arieti, animali con propulsione a razzo, la prima rappresentazione in assoluto di una lanterna magica, scale a pioli, strumenti di misurazione, forni alchemici e... diversi automi robotici. Fontana aveva proposto delle macchine razzo per uccidere, all'avanguardia del primo Rinascimento. Il dispositivo a propulsione a razzo è stato testato da Richard Windley e funziona. Le applicazioni dei razzi sono notevoli: un'illustrazione mostra quelle che sembrano bombe sparate da un'enorme bombarda piazzata all'ingresso di un castello. I suoi bersagli sono navi su un fiume. Altri razzi hanno la forma di uccelli, lepri e pesci artificiali riempiti di materiali incendiari e sono mostrati mentre volano corrono o nuotano. C'è pure la chiara illustrazione di una carrozza su ruote spinta da un razzo.

Quasi ogni figura è accompagnata da un breve testo. La prima frase è solitamente in latino, con il resto cifrato. Il sistema di cifratura è alquanto semplice, ma il copista ha necessariamente commesso una gran quantità di errori nel ricopiarlo segno per segno

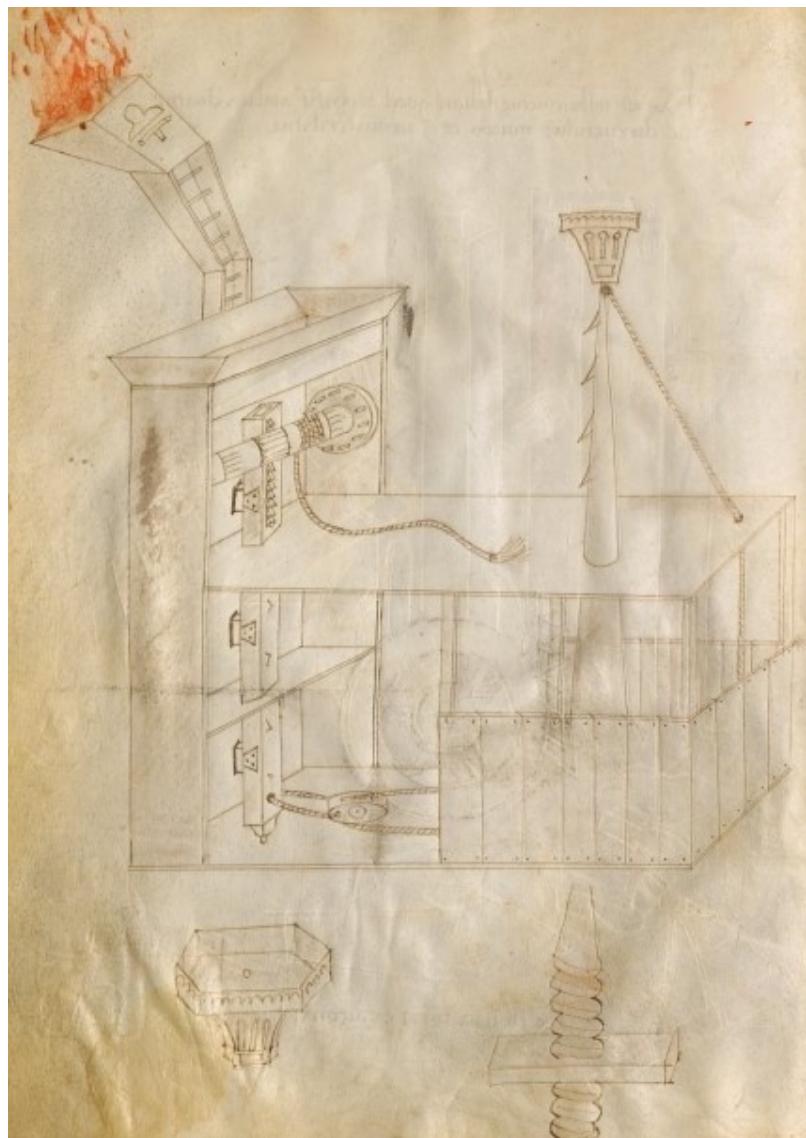
a	e	i	o	u		b	c	d	f	g	h	k	l	m
o	o	o	o	o		q	ä	p	q	ö	ö	ç	ö	ø
A	E	I	O	U		n	p	q	r	s	t	x	y	z
ö	ö	ö	ö	ö		ö	ä	p	ä	ö	ö	ç	ö	ø

Questa riproduzione è stata elaborata sulle pagine del manoscritto di Monaco, molto poco leggibile perché i disegni, con linee sottili, mal si distinguono dal colore grigiastro delle pagine, molto deteriorate dal tempo. Con un po' di elaborazione grafica ho ottenuto un sufficiente contrasto anche se la pagina è diventata gialla.

Bolzano 25 gennaio 2023

Edoardo Mori

Questo è l'aspetto originale di pagina 9





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MSL.M. 90.

Cod. iconogr.

242.

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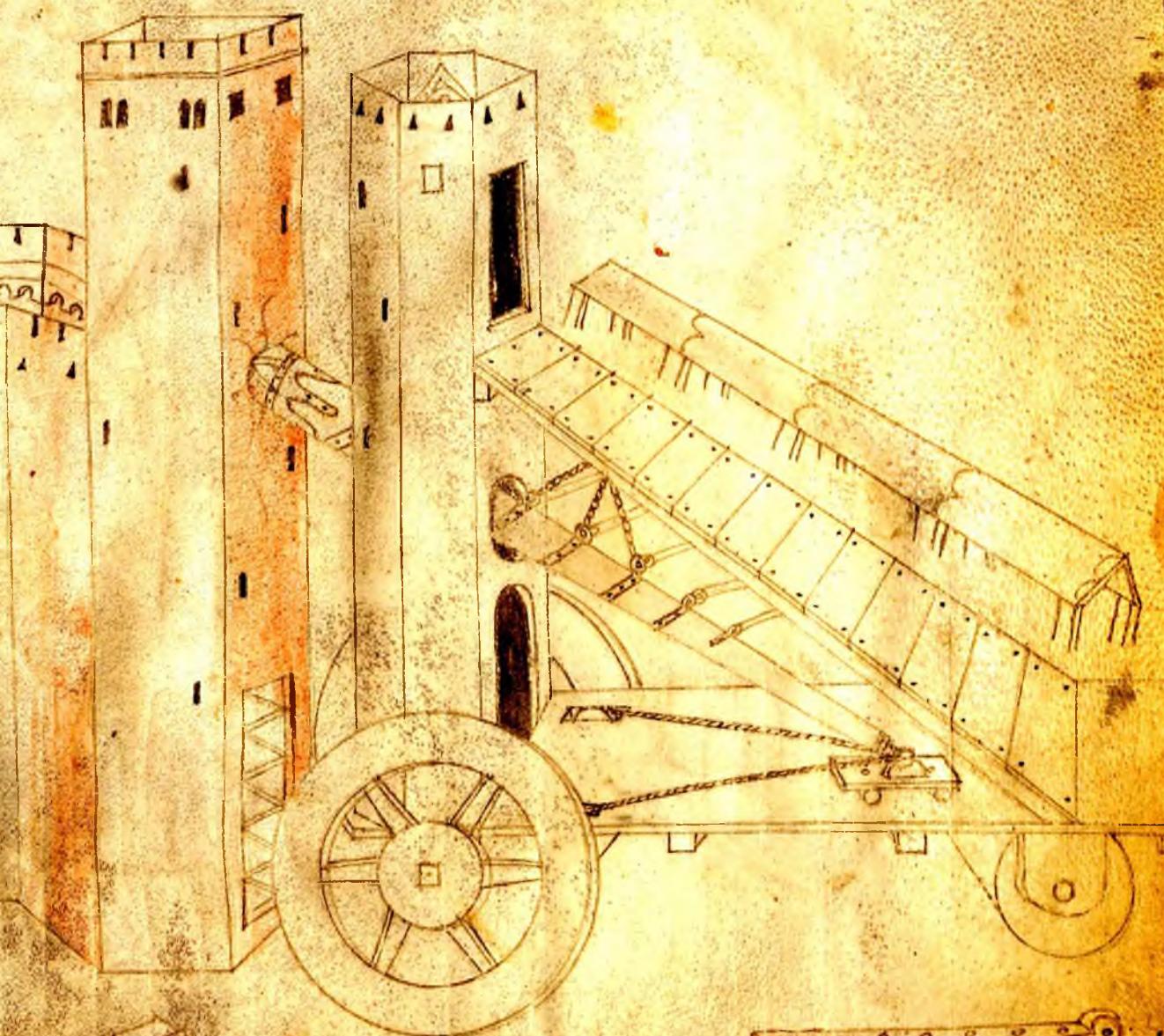
EX ELECTORALI BIBLIO-
THECA SERENISS. VTRIVSQ;
BAVARIAE DVCVM.

De am. pectus et corporis precepta
ad obitum
Si pectus et corporis pectus et corporis
ad obitum
peremptio per lumen et hunc est obitum et resiliens post
obitum
peremptio per lumen et hunc est obitum et resiliens post
obitum

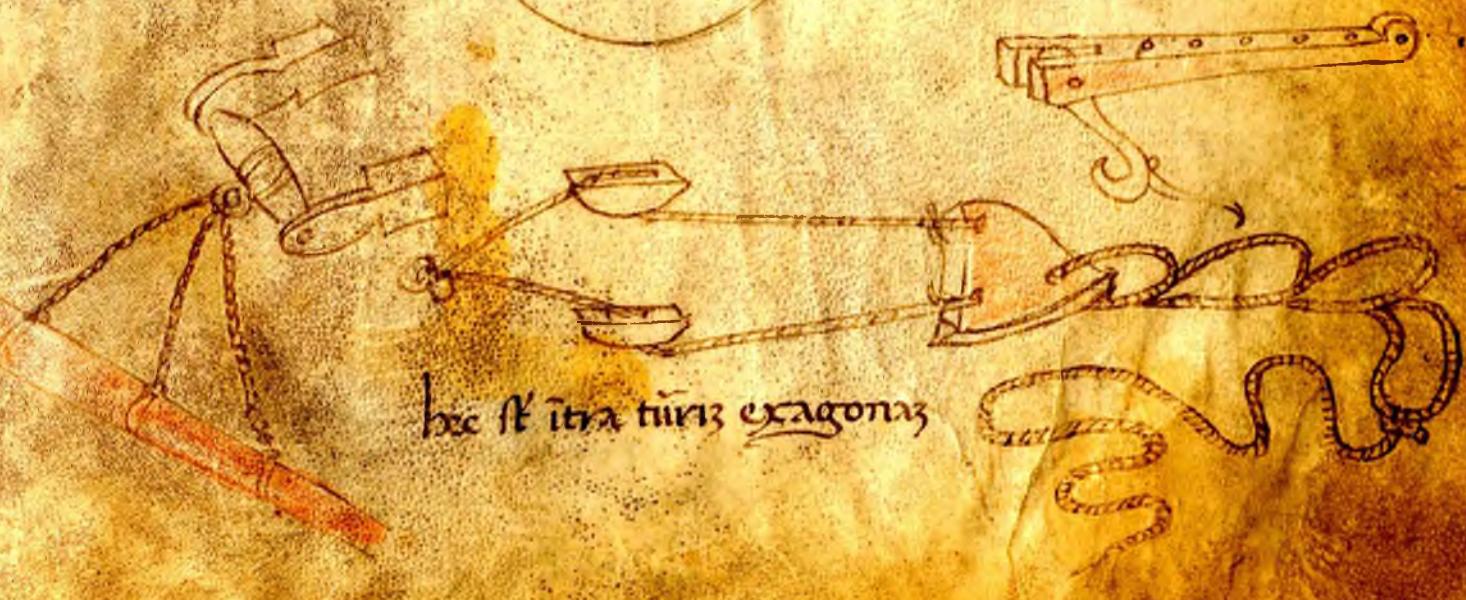
*Bellorum instrumentorum Liber, cum figuris
et fictilijs literis conscriptus.*

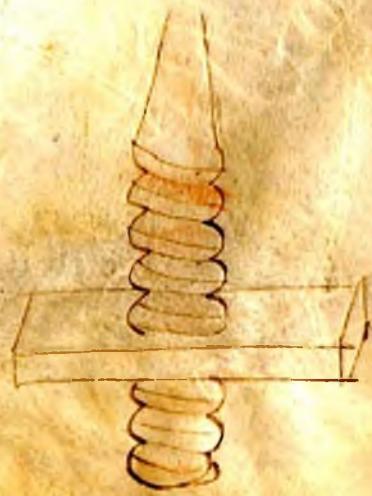
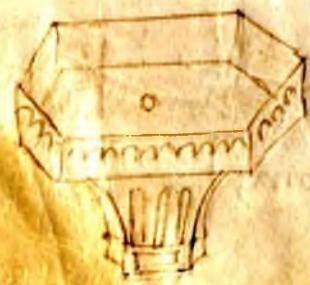
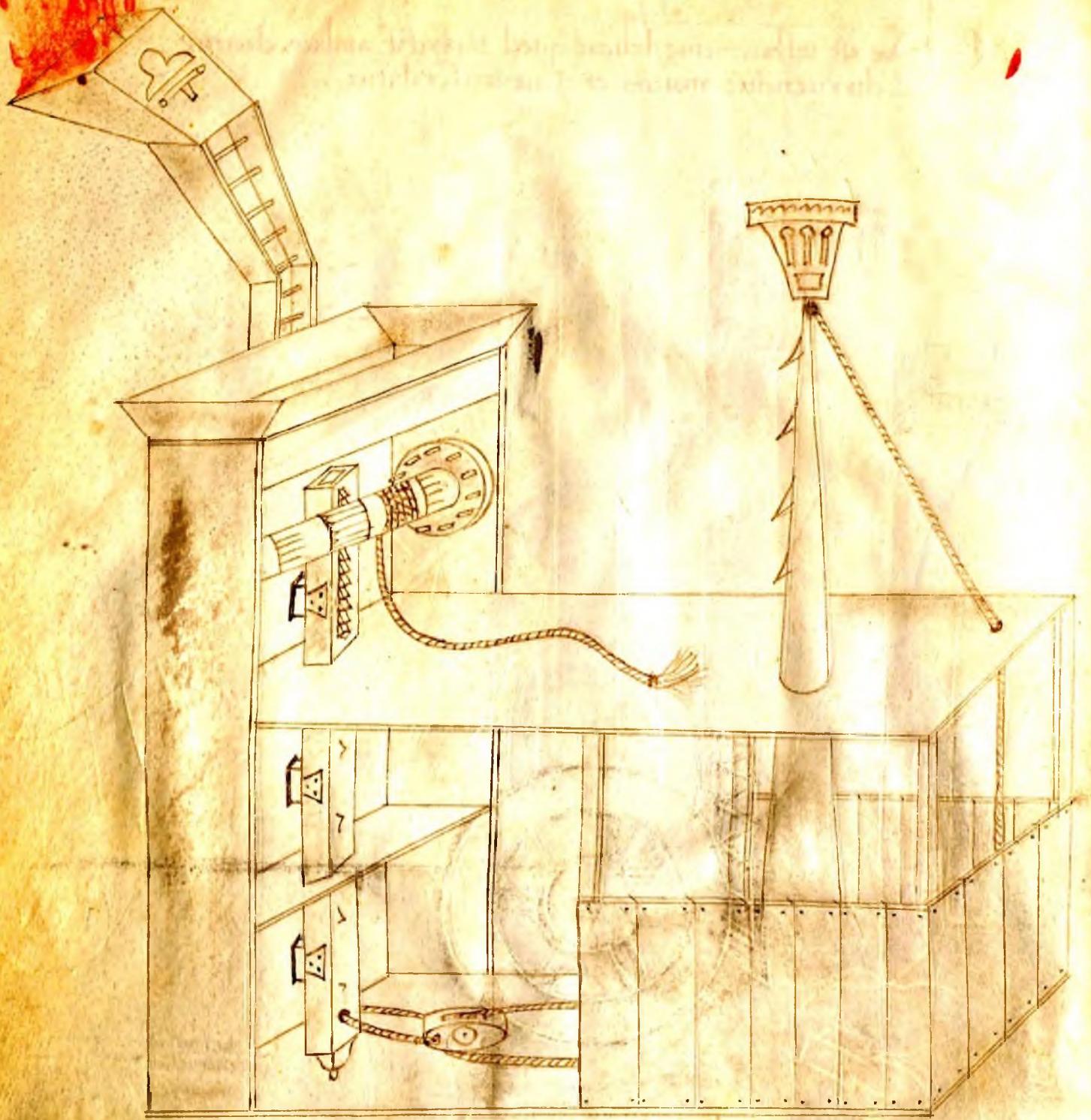
Alphafif antiquissimus ingenius est ad bellorum opera adinuentus quo usi erant gentes arabice et plurimorum opidanoꝝ deuicebant hostes absque sanguine suo. Si illi duxissent libere ad eos fortititia. Ignem timeret et copiam exercitus et uas asperas et nimis molles. Sagittas jacula lapides et reliqua labentia e manibus opidanoꝝ minime si bene coposutus est.

Chic est instrumentus bellicus quod alphahif arabice dicitur
ad dirruendus muros et q̄s ut inscribitur.



hee st̄ itra turis exagonis

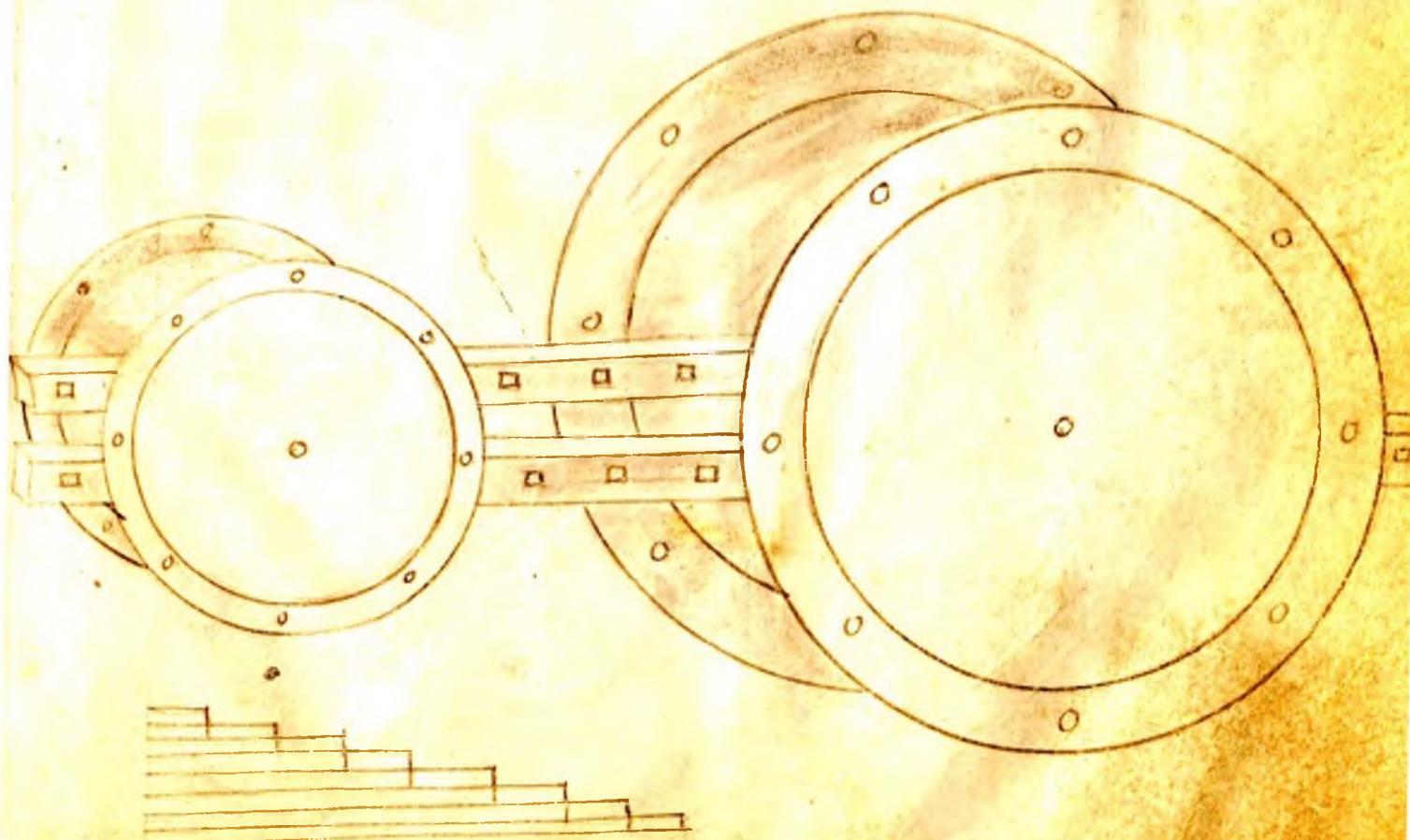




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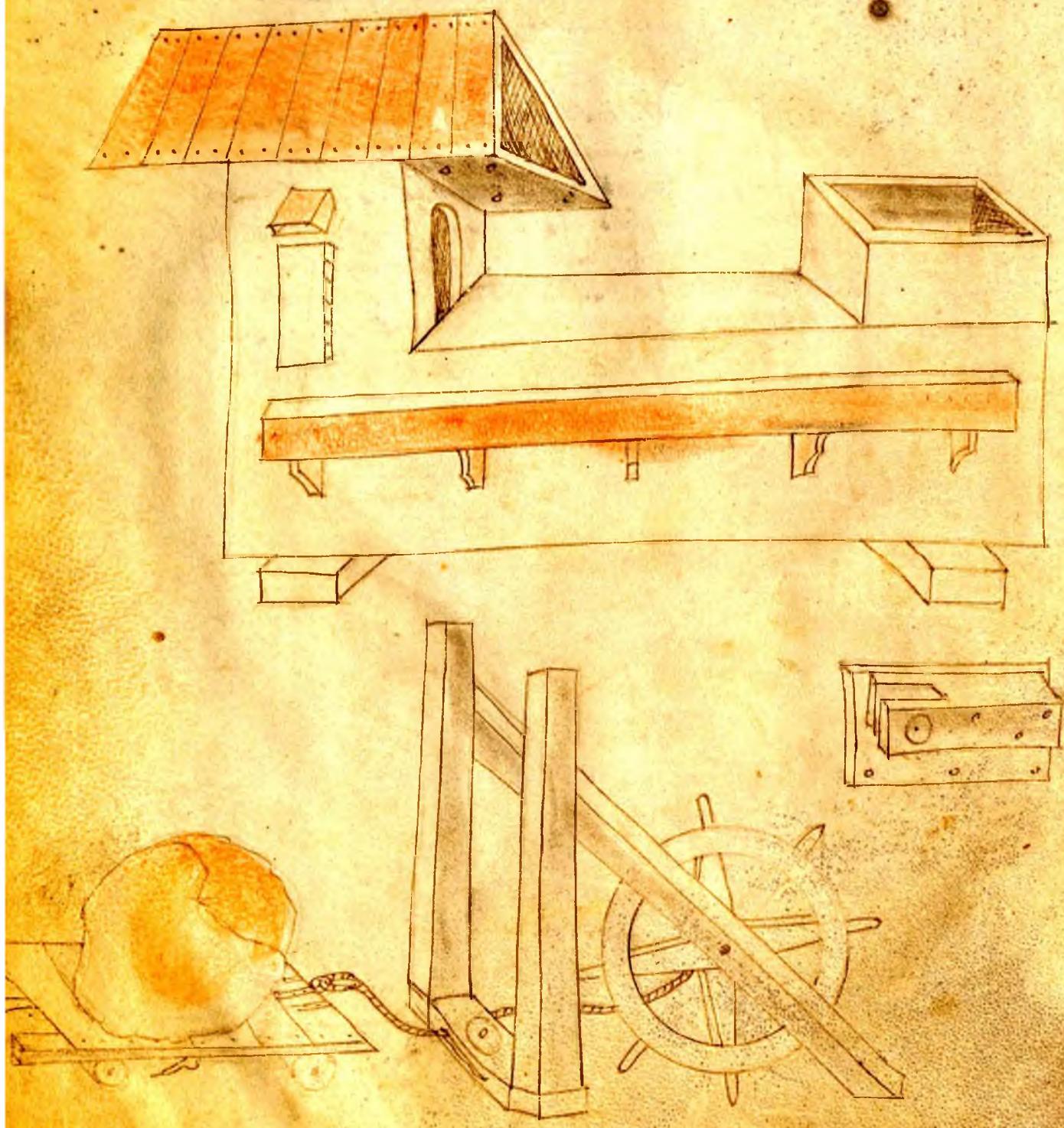
Ignitexus instrumentus est xerophytosus hoc nomine dictus
quasi igne ferens Quod du semel acerbus hostibus uel he-
ditibus explicitus fuerit sui flama omnia cremabit.

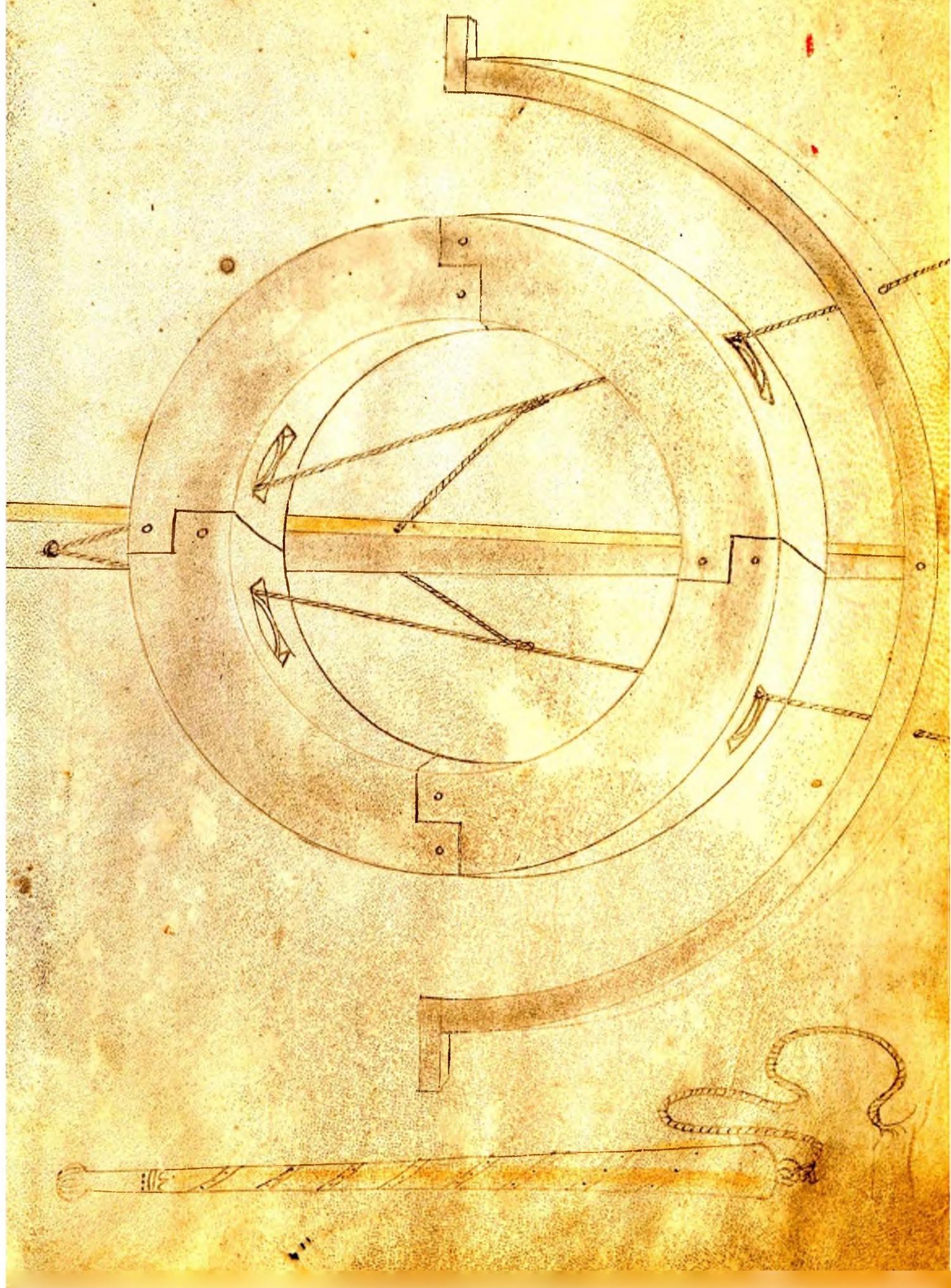
Cόπερα στο ίδιο την προστάσια της από την πλειονότητα των οπίστων
και την απότομη επέμβαση της αρχής της Αγίας Εκκλησίας στην περιοχή.
Επίσης, η προστάσια της Αγίας Εκκλησίας στην περιοχή της Κύπρου
είναι μια από τις σημαντικότερες στοιχεία της ιστορίας της χώρας.



Conductorius duplicatis cordis et iacibus traxere la
pides aut pondera eleuare faciliter.

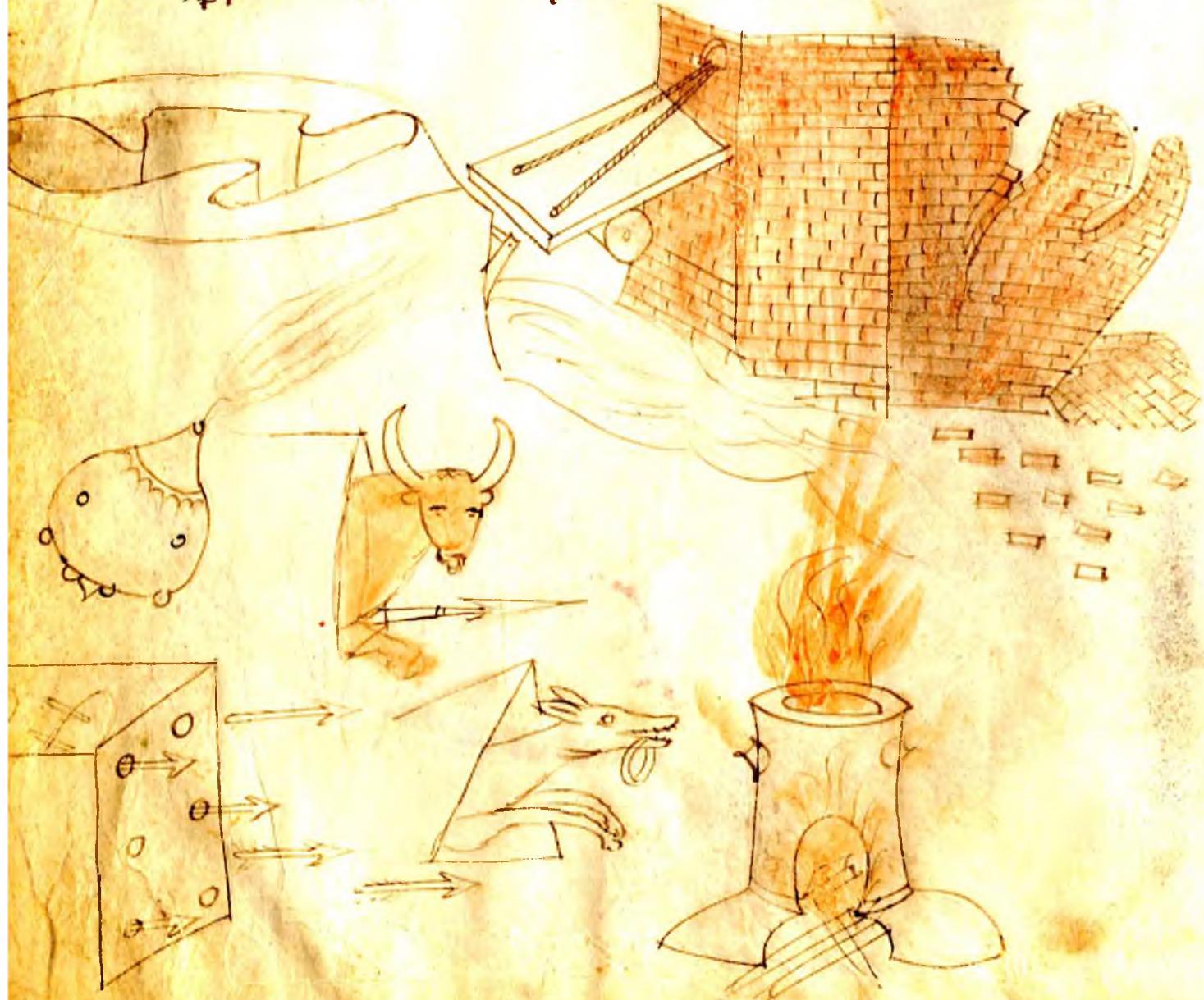
Conductorius duplicatis cordis et iacibus traxere la
pides aut pondera eleuare faciliter.

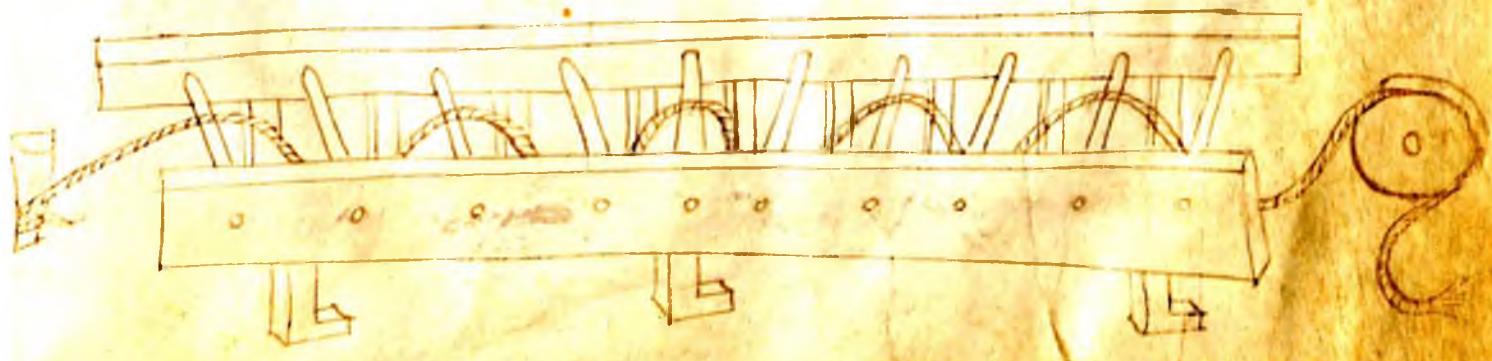
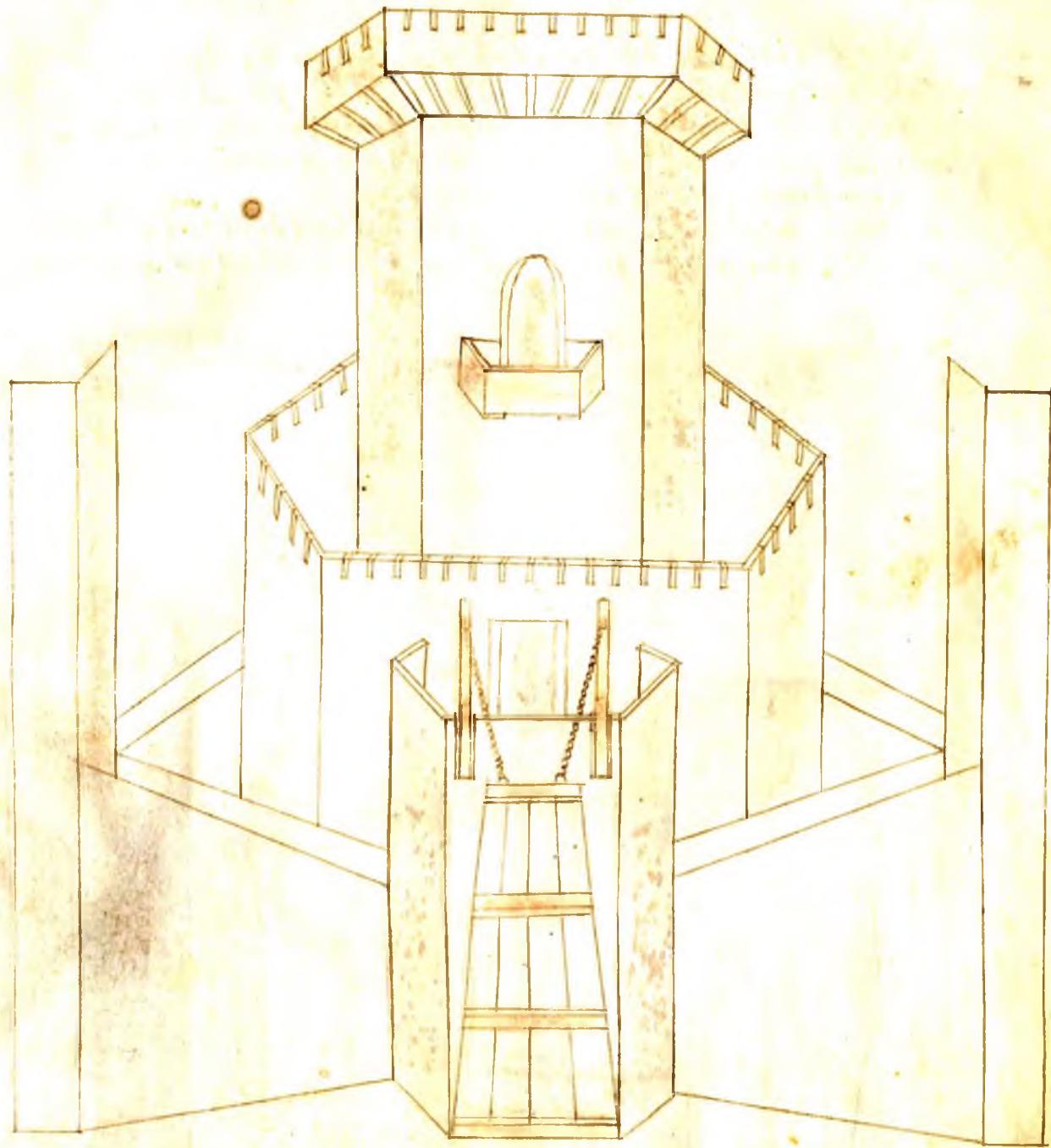




Fastrus fortitudinis fortitudinez non ostendit Sed
claudet. Quod cuz huius incutitur intrauent morte
uel exercere proculdubio inicatur. hoc est quia anfracti
bus rotulis deceptioibusq; pluribus fabricatur.

Слово о падении Римской Империи

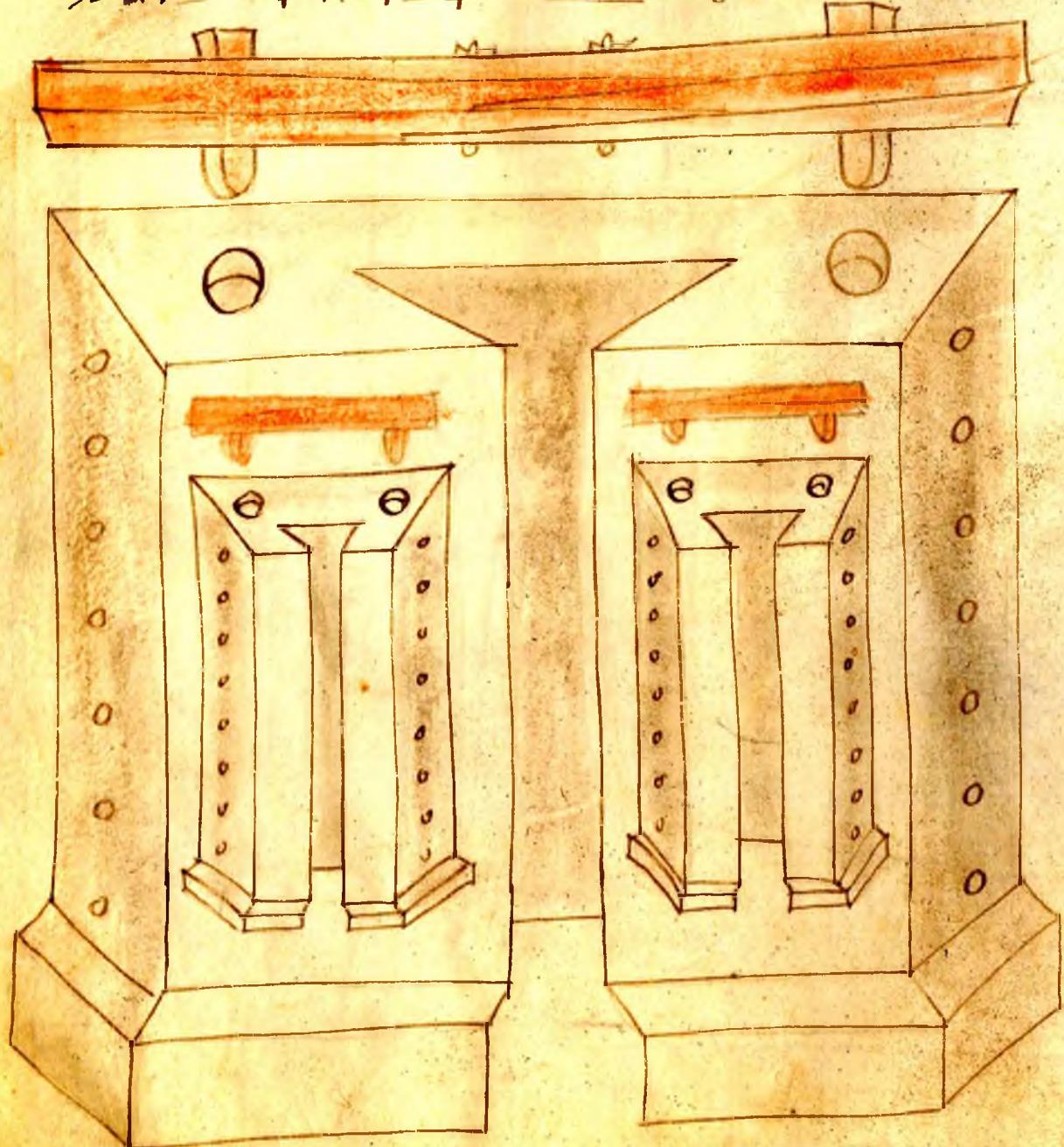




Construimus opus est ingeniosus plurimus utilitatus que
les haec subscrubuntur.

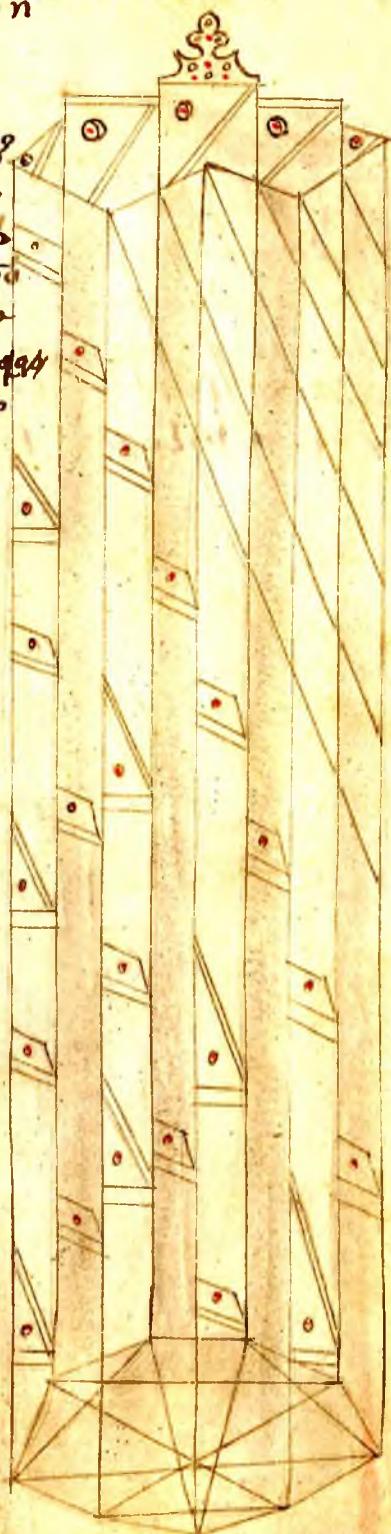
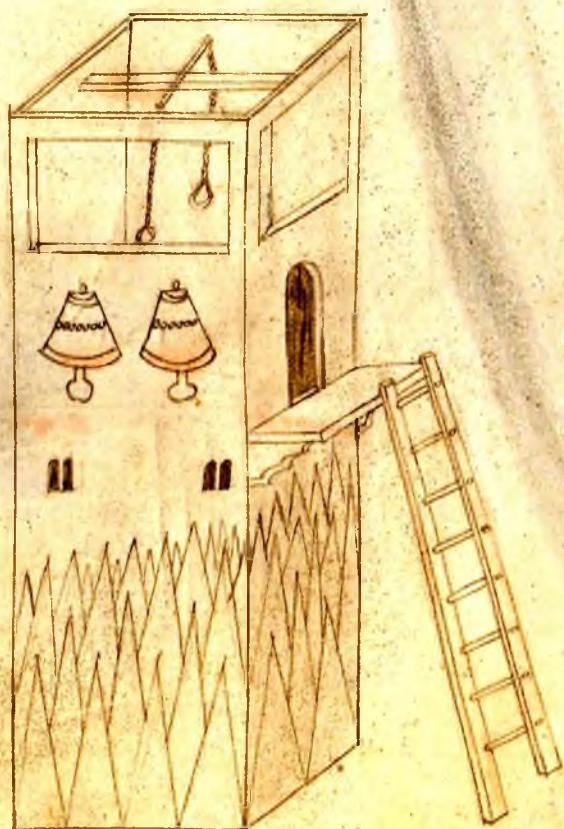
Construimus opus est ingeniosus plurimus utilitatus que
les haec subscrubuntur.

Construimus opus est ingeniosus plurimus utilitatus que
les haec subscrubuntur.

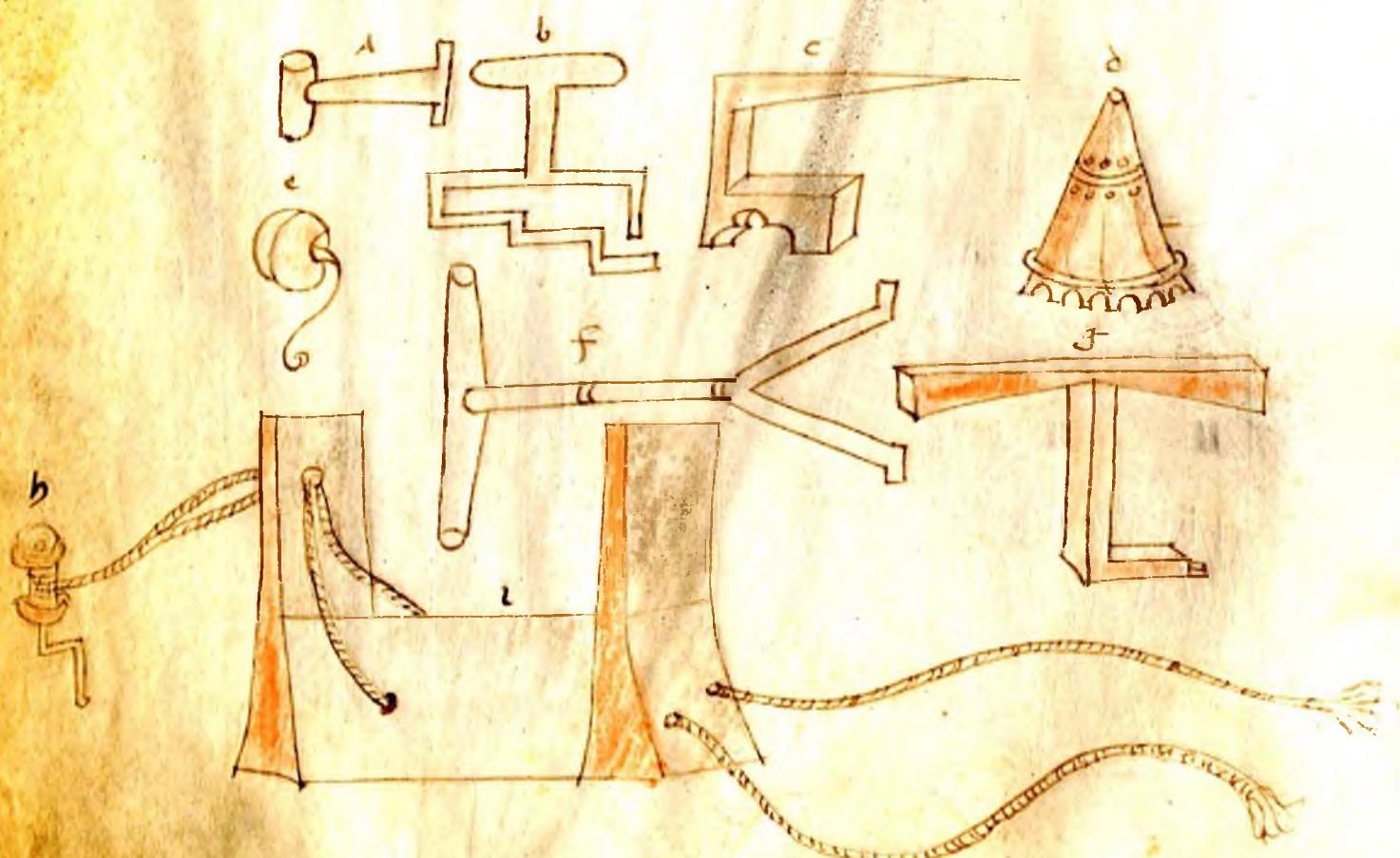


Carecer gloriarius hominem ad a
lerez mortez ponit quum cuitare n
potest.

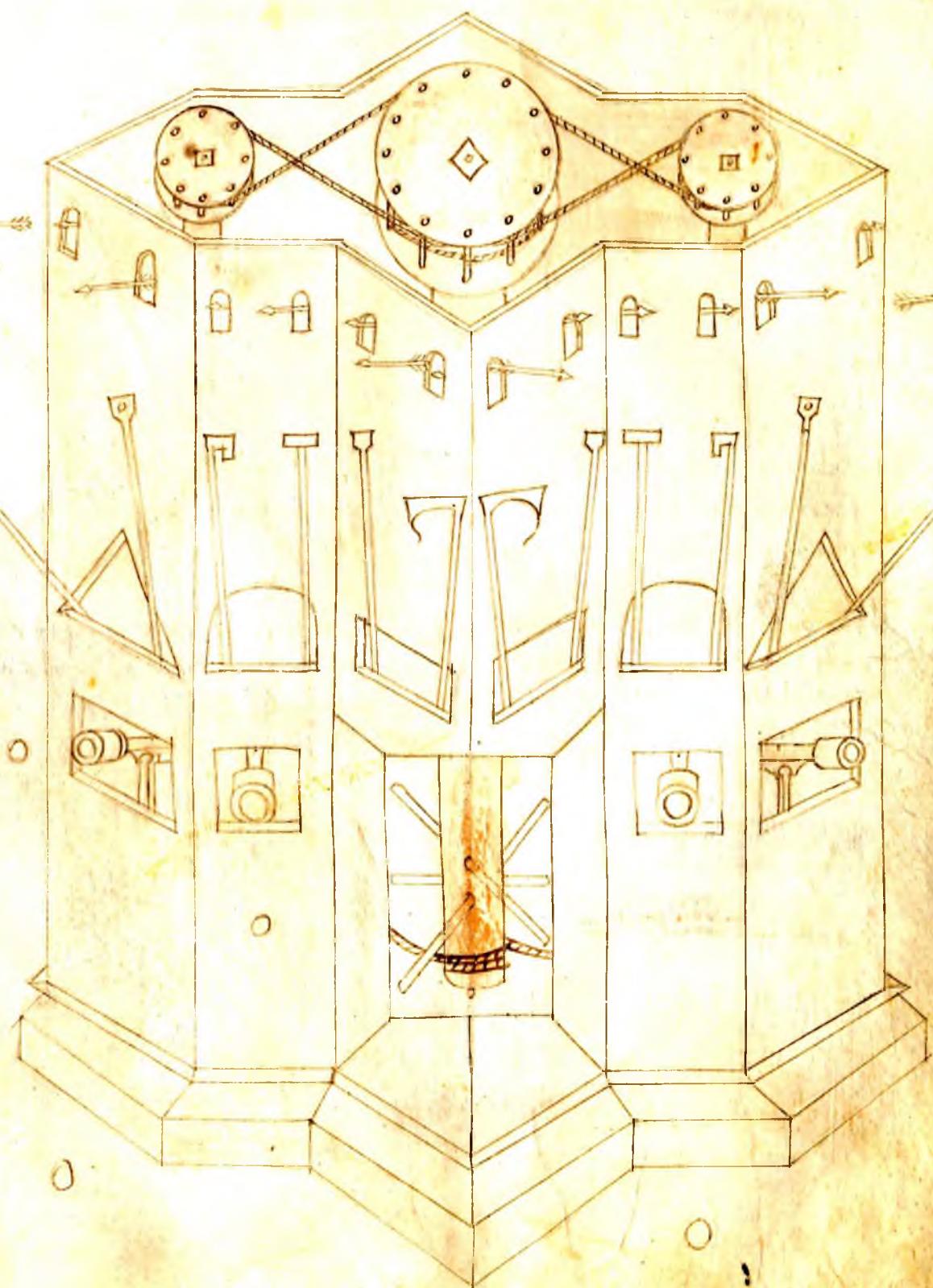
Codex & q[uo]d o[mn]is d[omi]n[u]s d[omi]n[u]s
80 q[uo]d d[omi]n[u]s q[uo]d d[omi]n[u]s q[uo]d d[omi]n[u]s
ok d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s & d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s
q[uo]d d[omi]n[u]s q[uo]d d[omi]n[u]s p[er]o d[omi]n[u]s d[omi]n[u]s
a d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s
q[uo]d d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s
d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s
d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s d[omi]n[u]s
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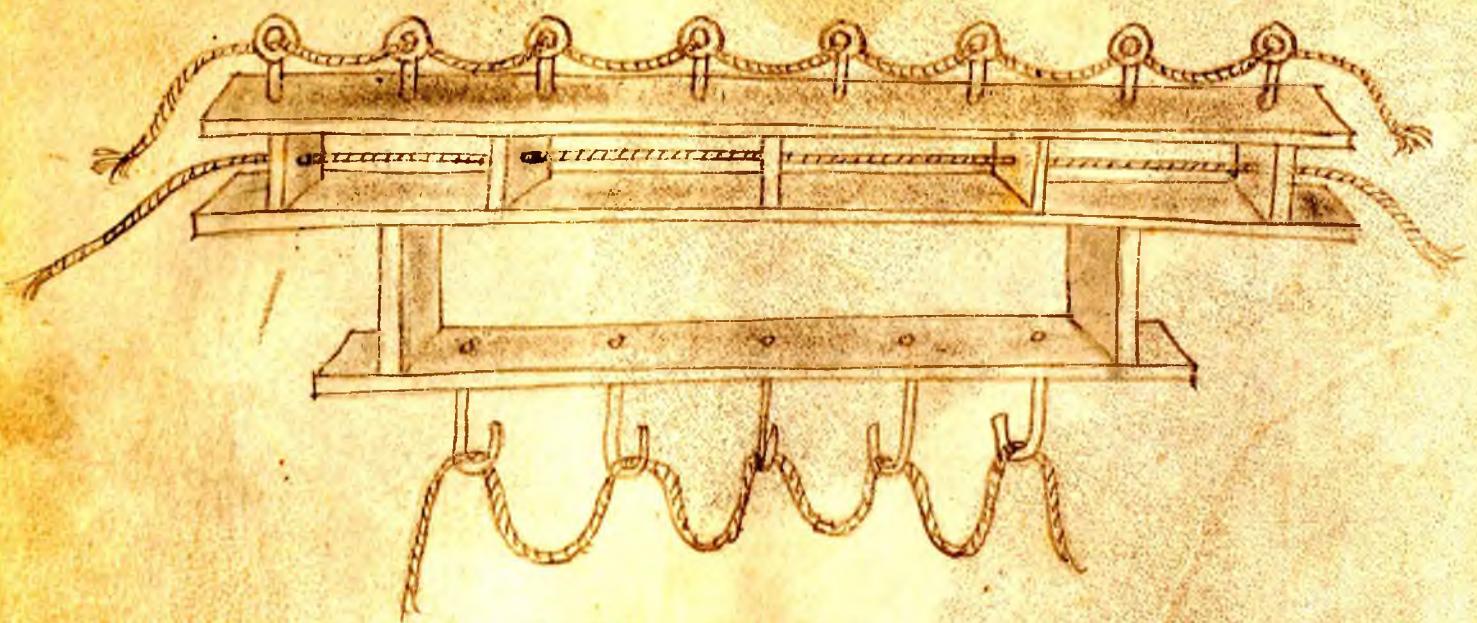


Redicta pars instrumentorum artificij bellici intrinsicæ que dirigit ex hoc apparent extrinsecus hic subscrbitur.



Non ignorar scio huius rci utilitez.

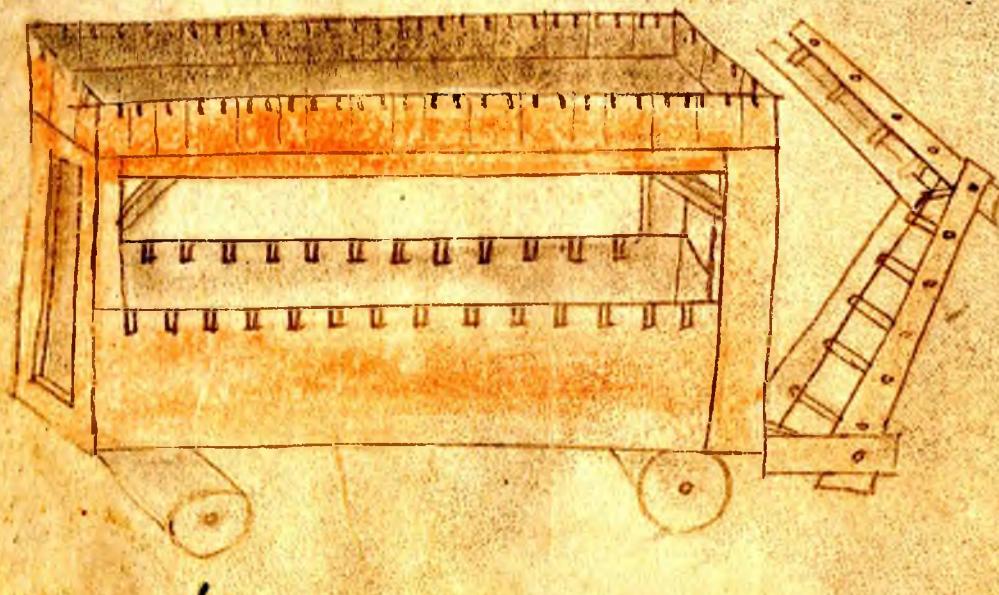


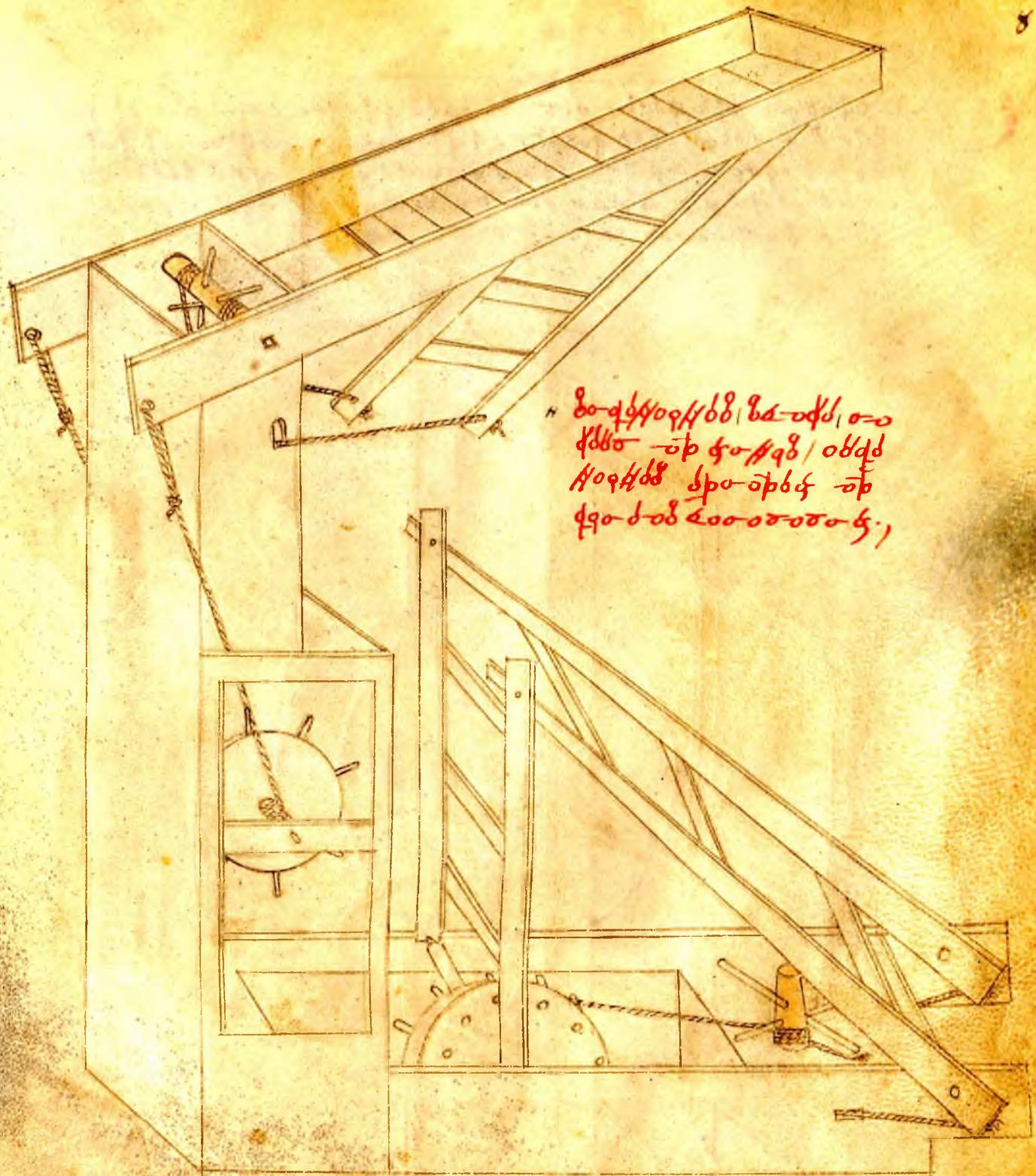


Cordinatus cordatus ex triplici ordine constiuitur.
Et pertinet ad scaliferus.

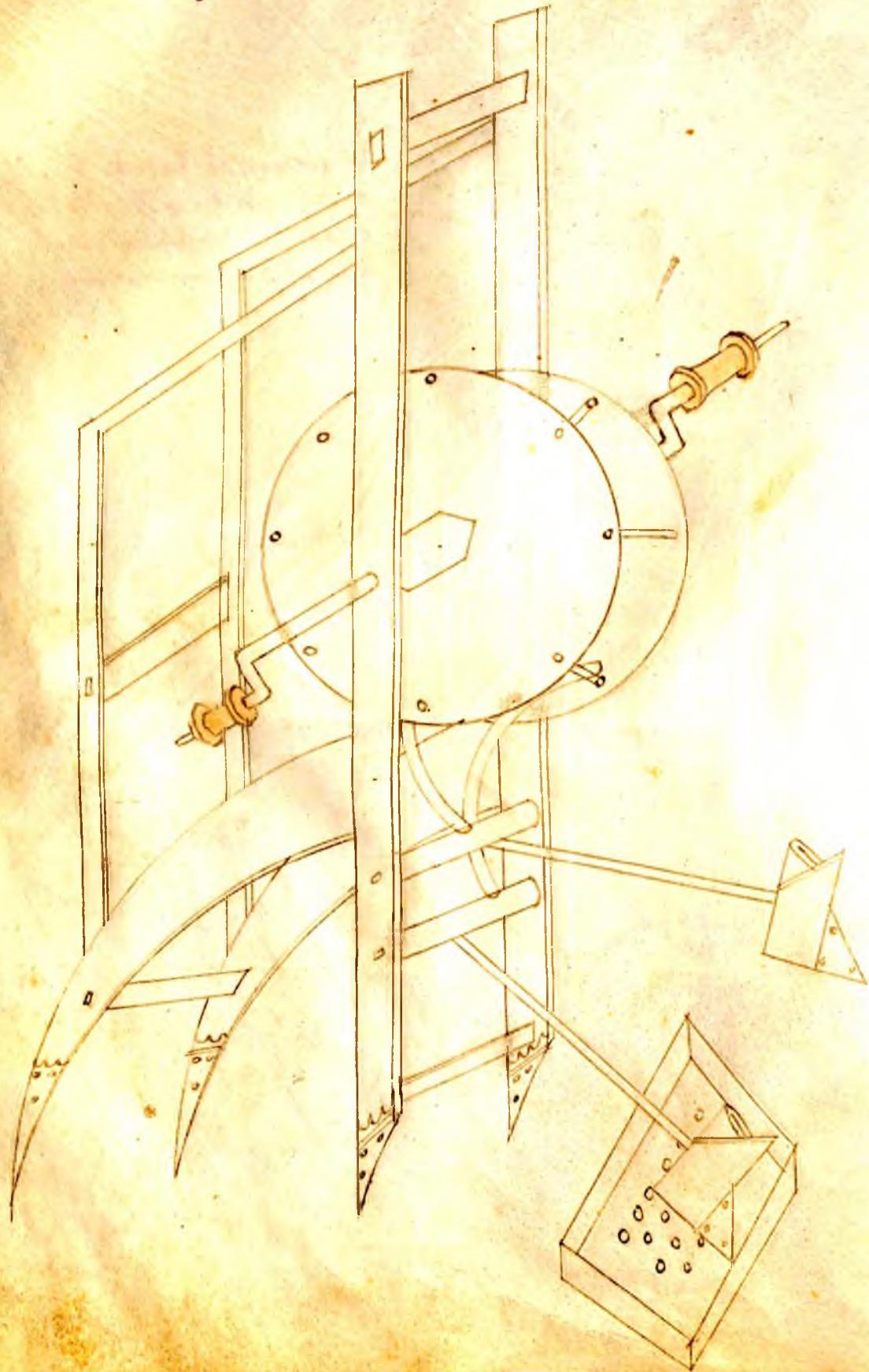
Cescaliferus ita dicitur quia scalaris ferrarii multiplices ad ad
scendendas altitudines maiores et minores eo quod scali
plus et minus erigi possunt.

Construimus quod est de ordinato cordato et de scalifero utrumque
quodlibet. et hoc quod est quodlibet quodlibet et hoc quodlibet quodlibet
quodlibet et hoc quodlibet et hoc quodlibet et hoc quodlibet et hoc quodlibet

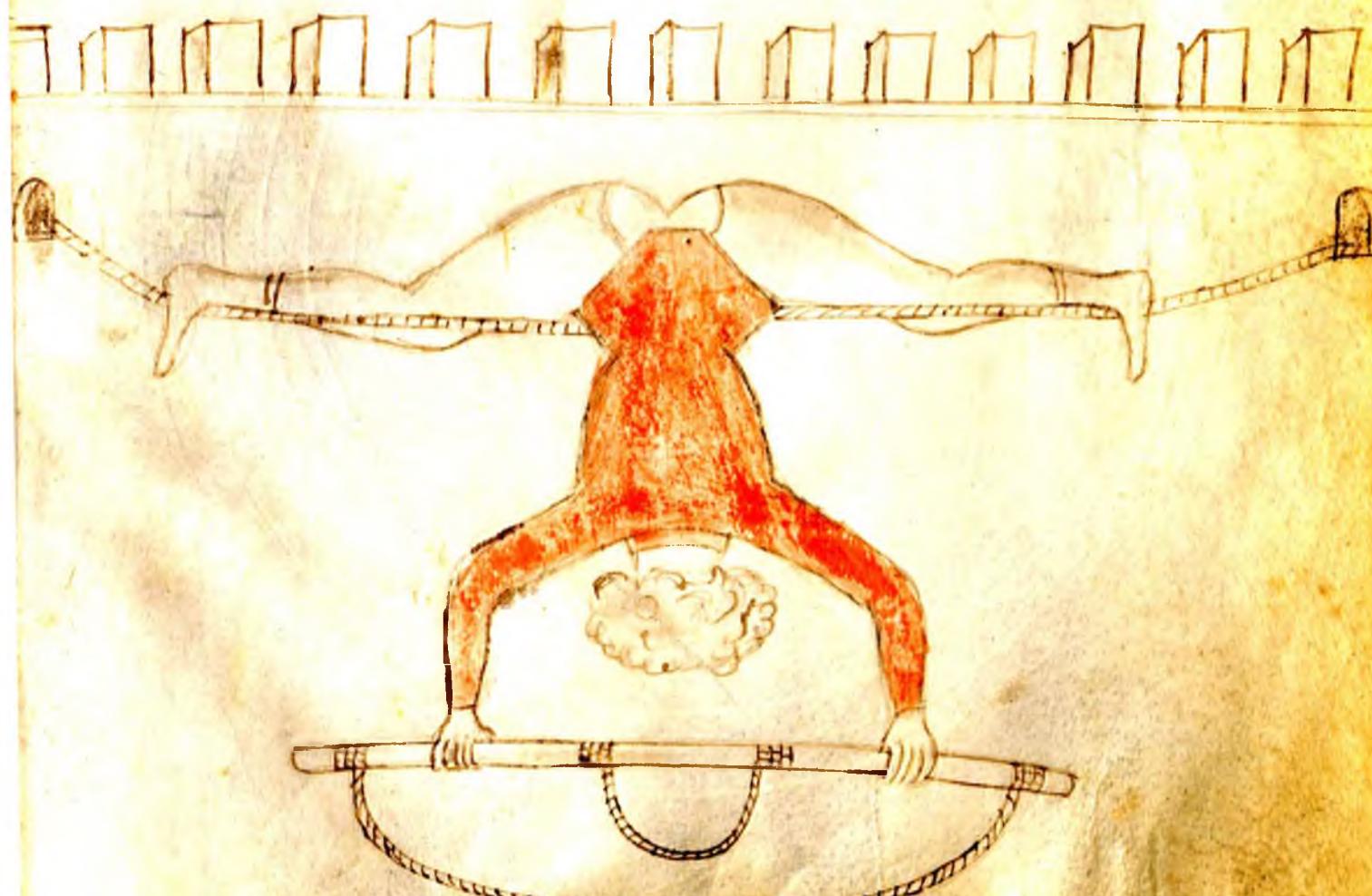


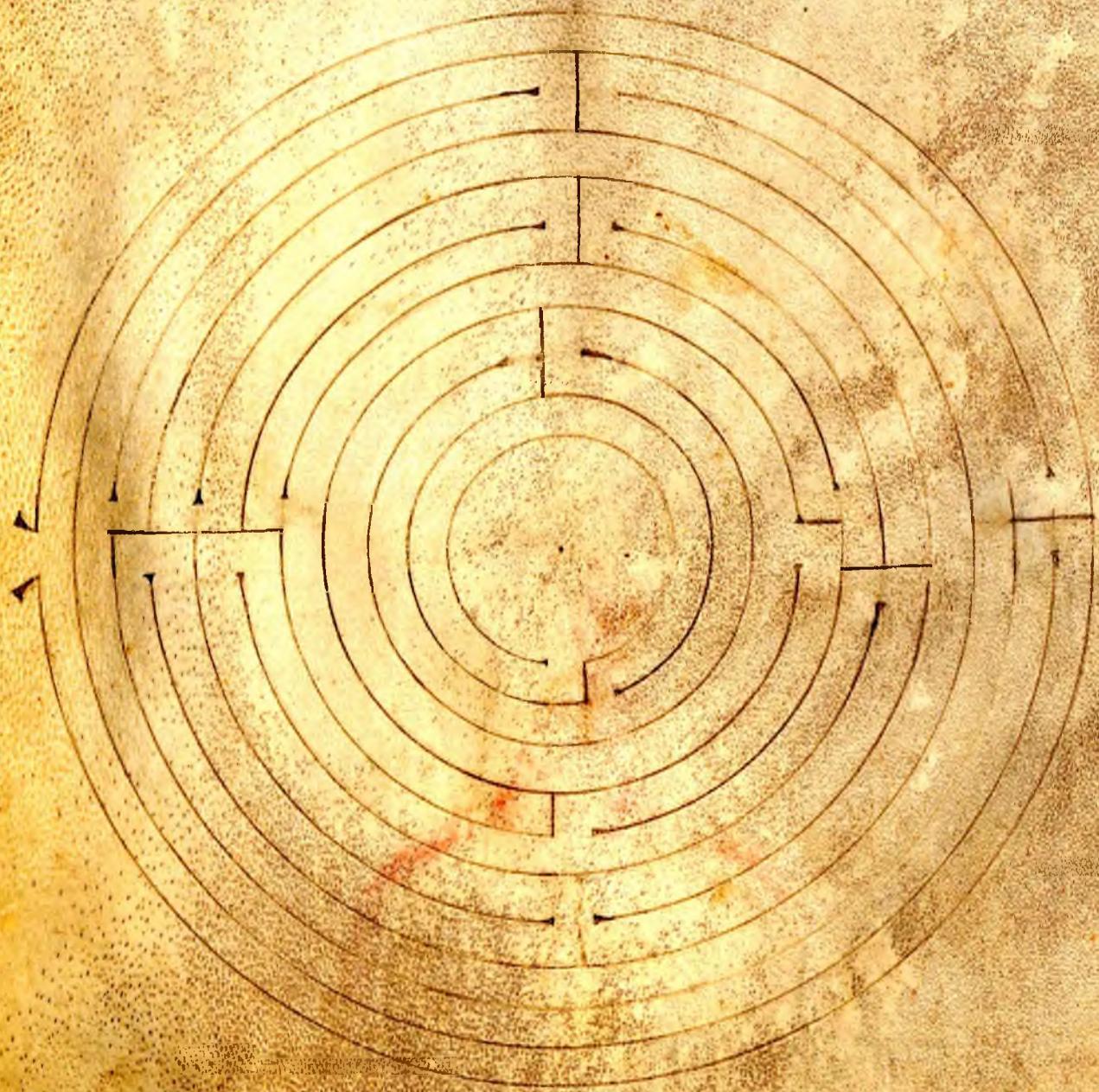


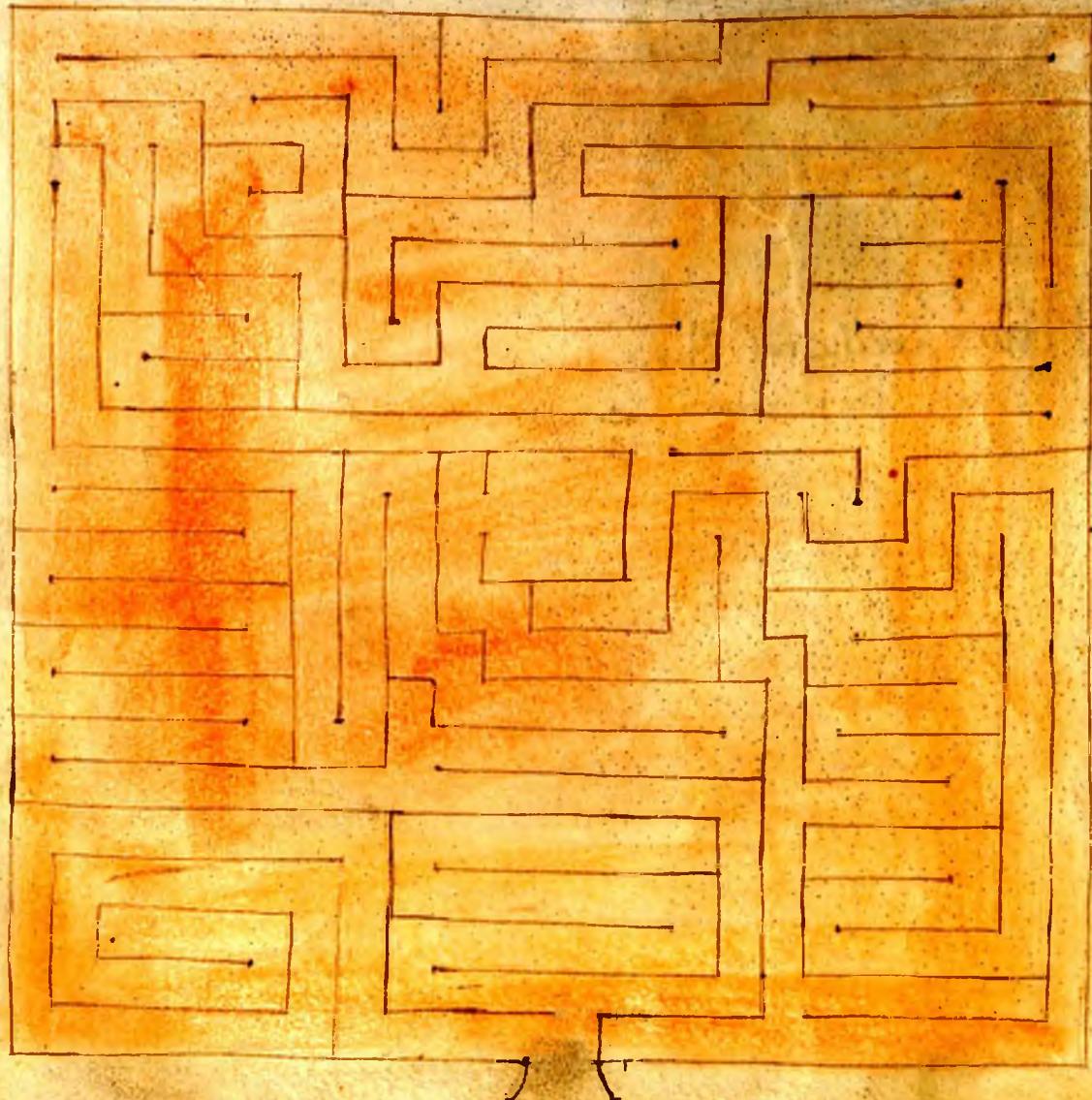
Յո-զեմոցինին, Յա-սիս, օ-օ
կըստ սի ժո-պաց, օնդը
Աօցին մրս-սիսէ սի
գրո-ծոց Հօս-օսօսօց.,

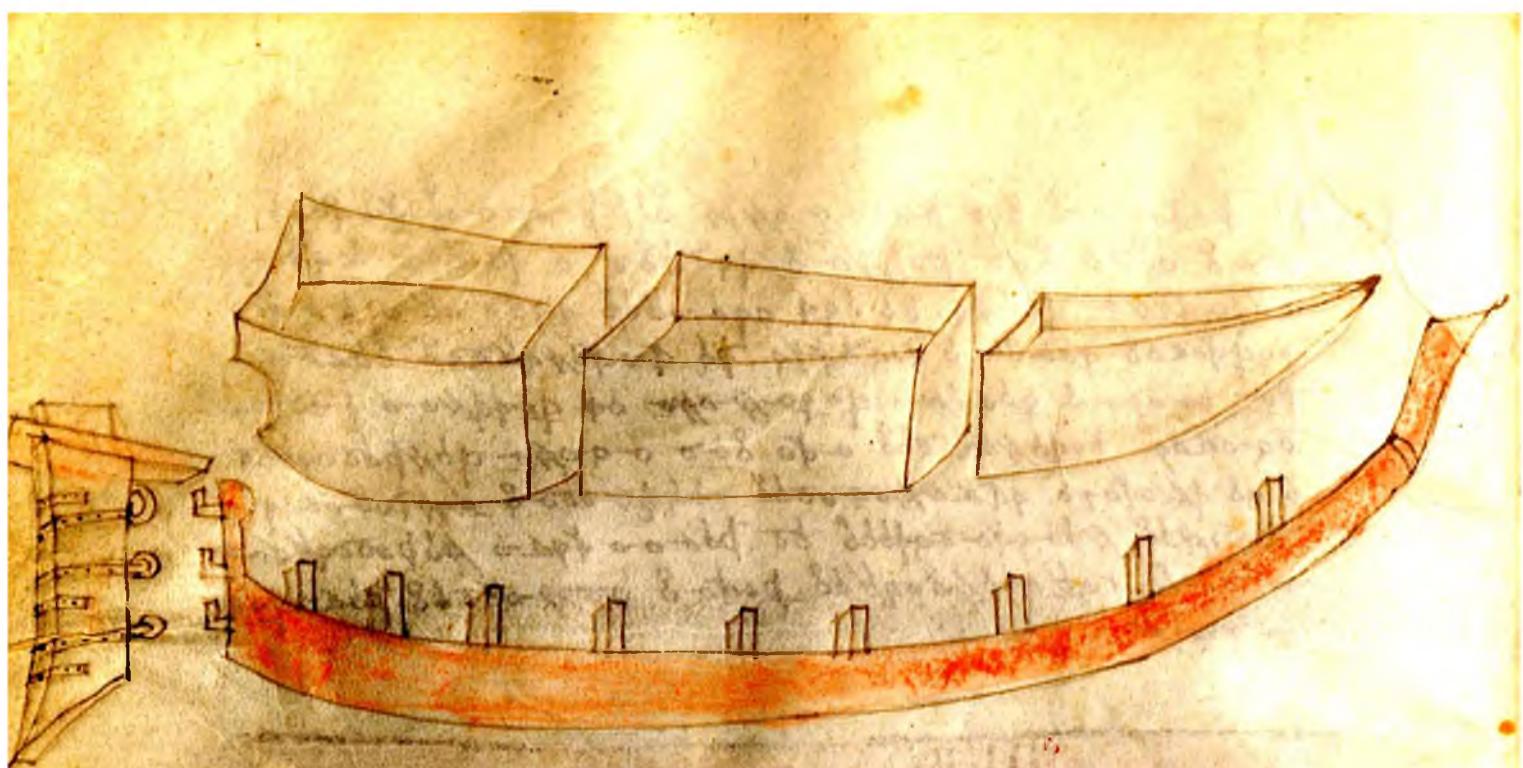


4









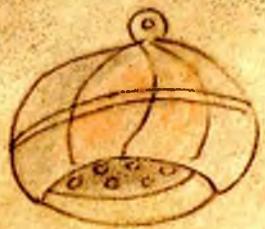
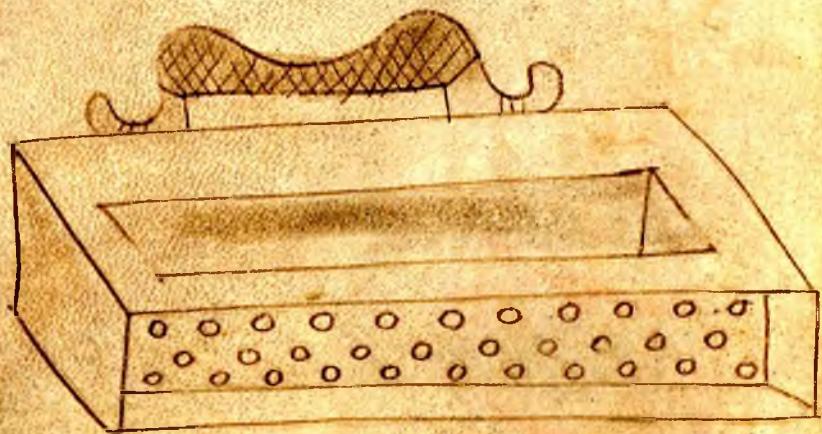
Cave occasiois quia periclitantur et ea homines
cauti prudentes vero salvantur.

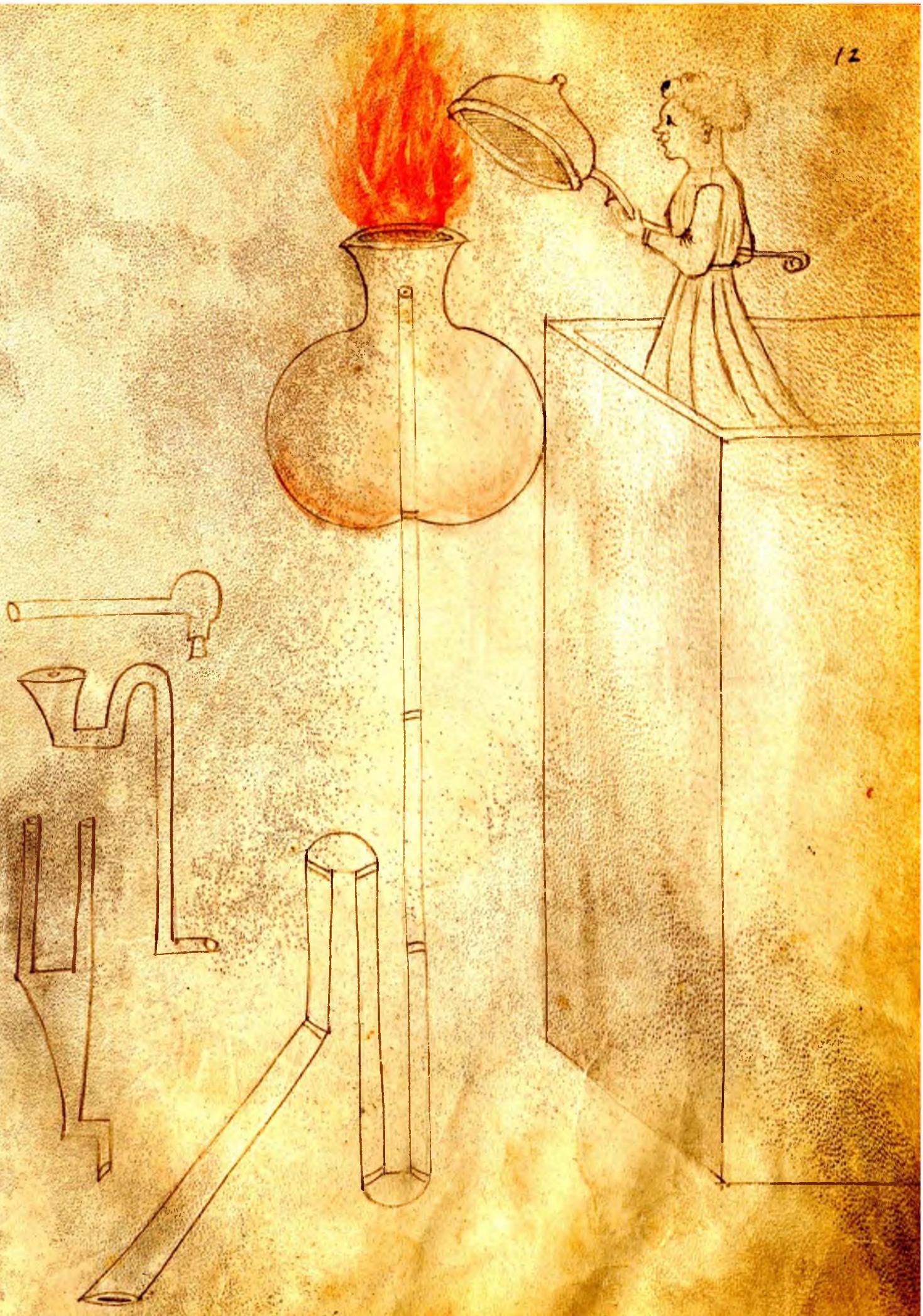
Caylo qd 468 vco - assabys bō 88 vco ab o q
o bō bō ab qd 88 vco ab o q
gāo qd bō bō ab qd 88 vco ab o q
cbo - bō qd 88 vco ab qd 88 vco ab o q
bō ab 88 vco ab qd 88 vco ab o q
cbo d qd 88 vco ab o q
mody non exponit remitt ad Archimedes





Ecliptedra instrumentum fuit physicorum multi
pliater facta. Et proportionalis ex igne fit
quemadmodum ex aqua. Sed in hoc distracta
hnt quia in aqua reduso spu aqua itusca reti-
netur aperto uero egreditur. Ignea clivides qua
igne pro spu habet si subfocatur ignis aqua ex
tusca adigreditur qd si accendatur egreditur
cum ingenius duplii verbo declaratur.



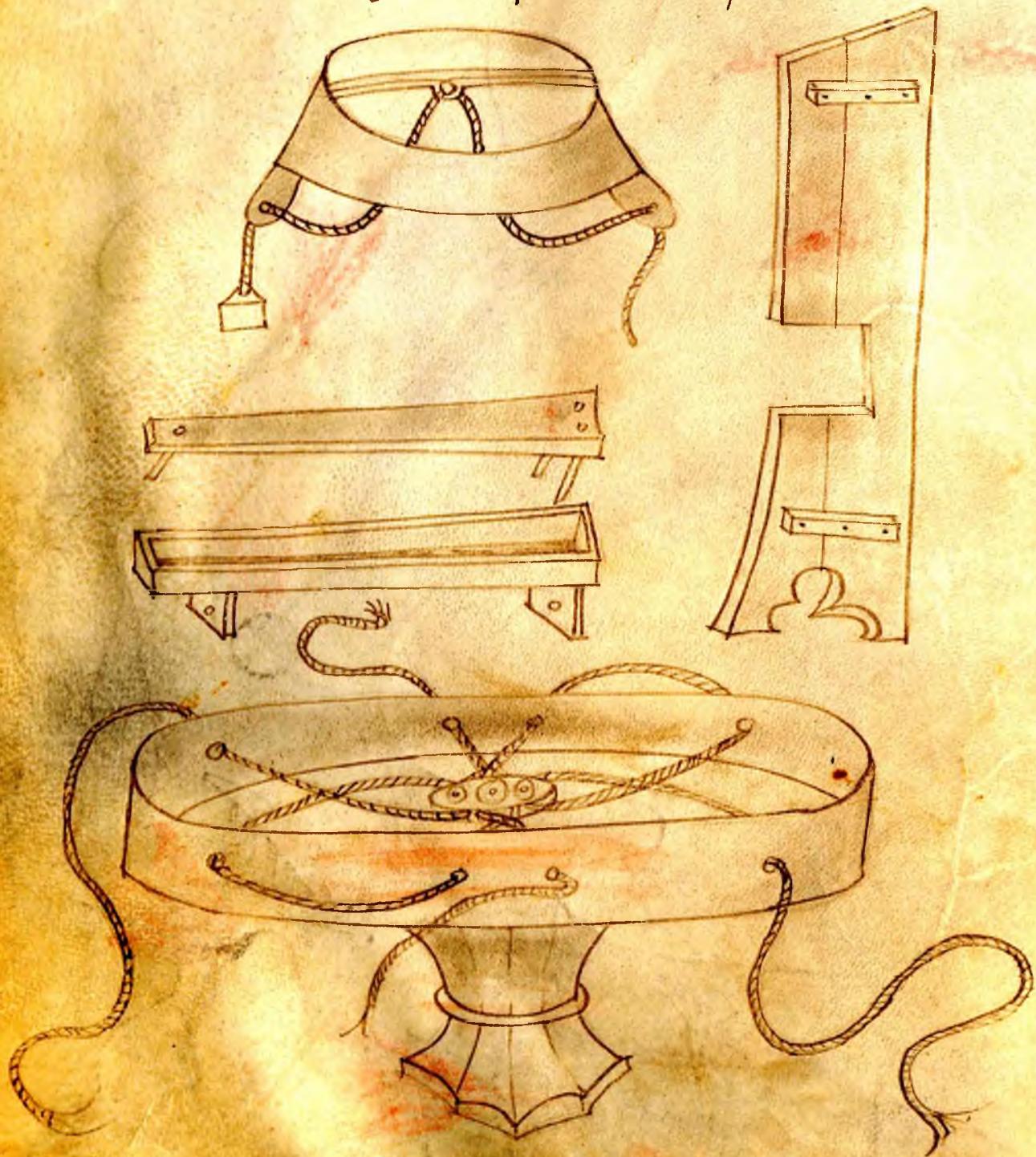


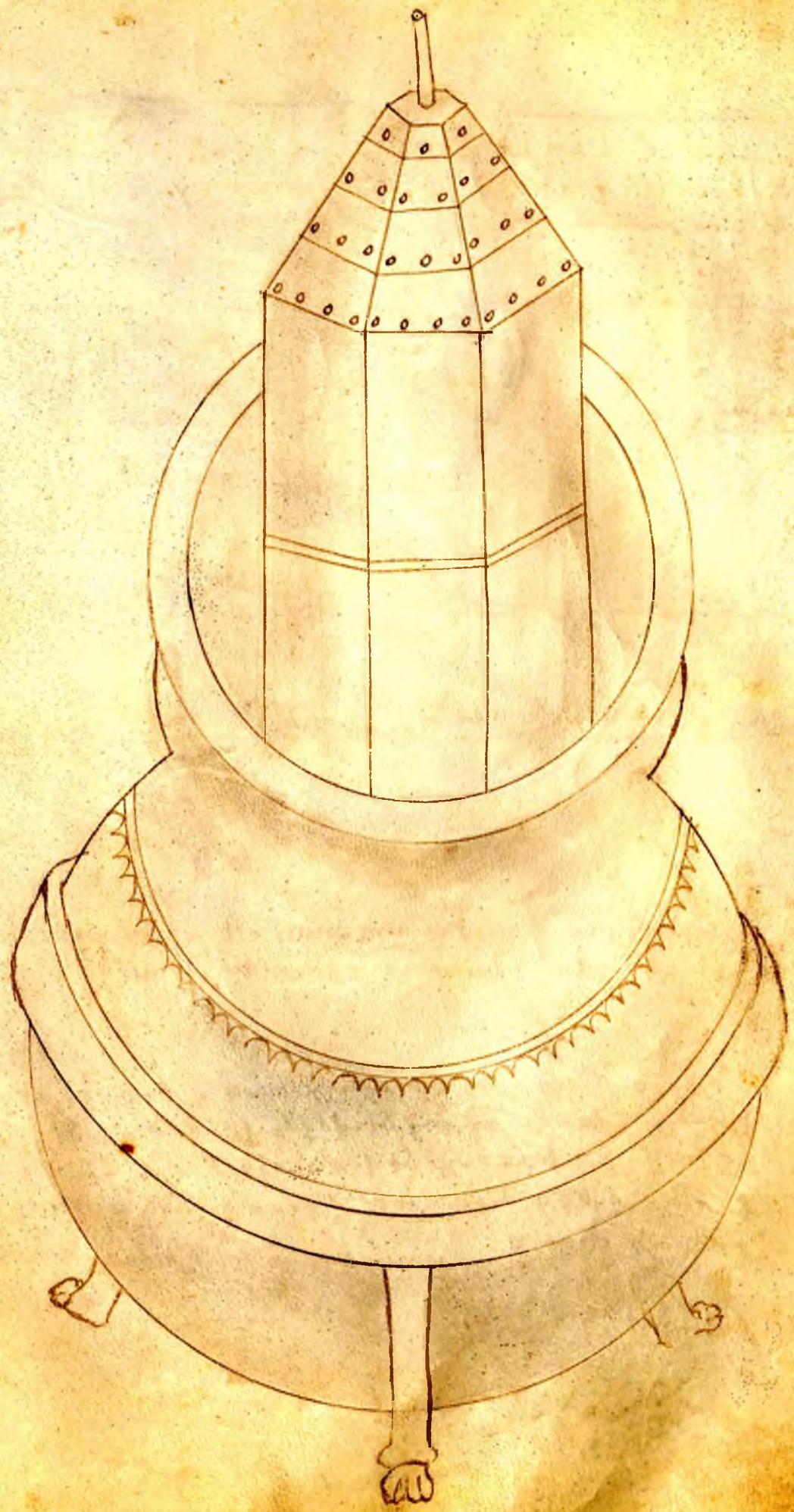


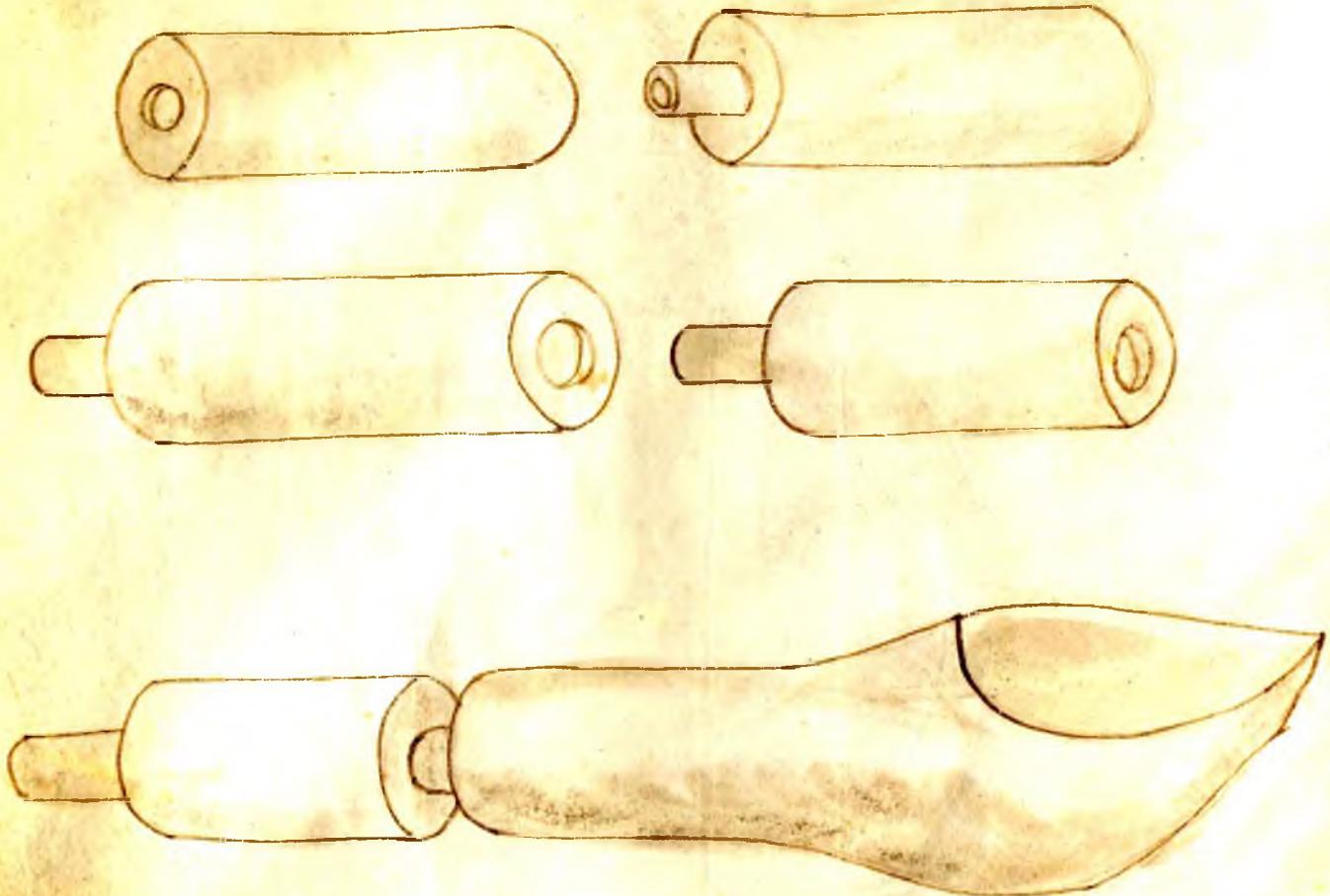
Castrum submersoris appellatur eo quod naves fluminius profundat et evertit.



lucerna ex luna lux cemitur ita fabuli opere potest
fieri ut parvo cum lumine amplissimam valem ac
cum partez lustrare. Et hoc nūdus inventus est in
strumentis figura pulchra mensura minus splendo
re clarior et omni re comodus. Cui partes intus
ce quas uoluisti hic notate sicut et eadem modo appli
cantur inincez sicud que in lucerna ptolemei.

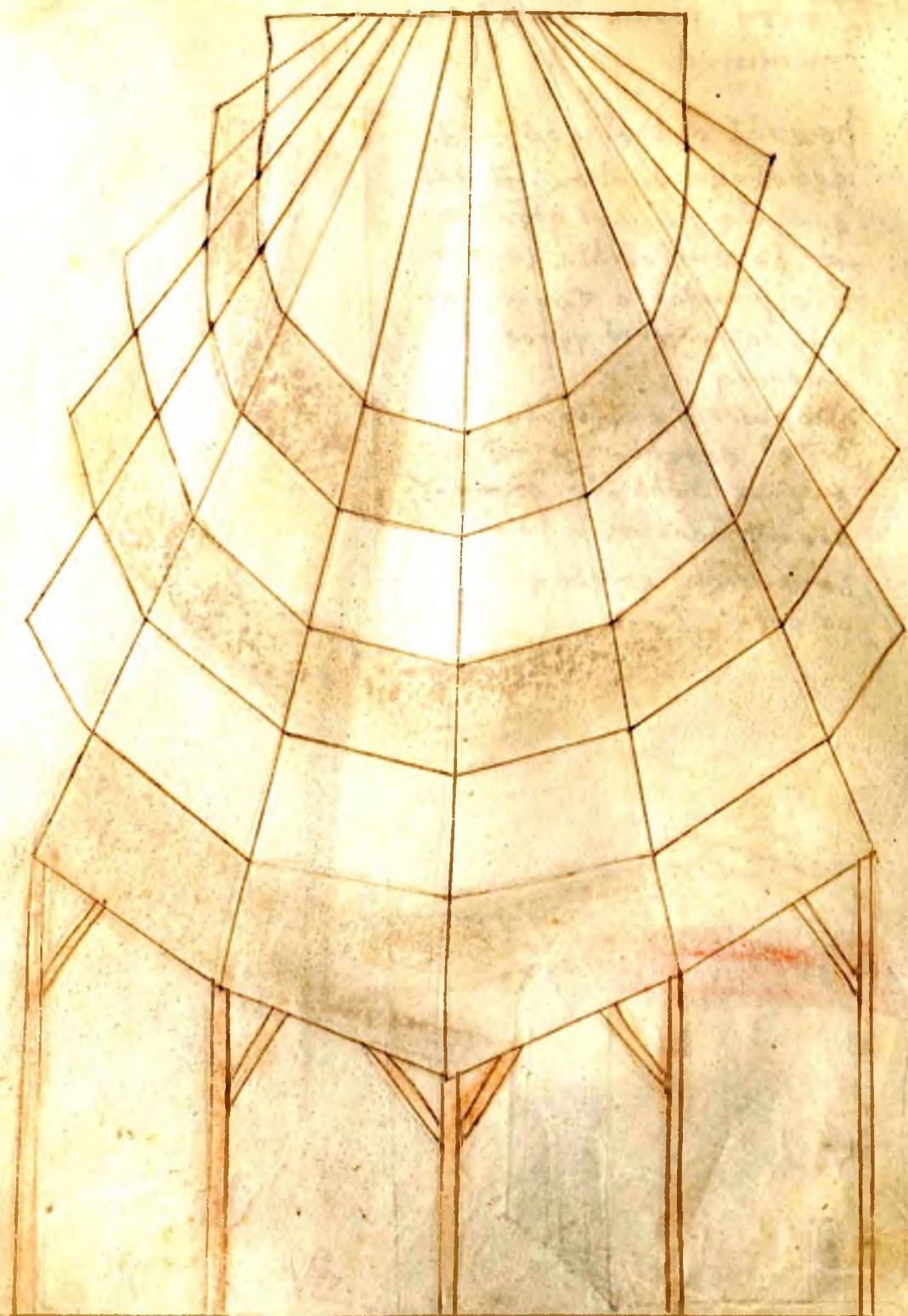






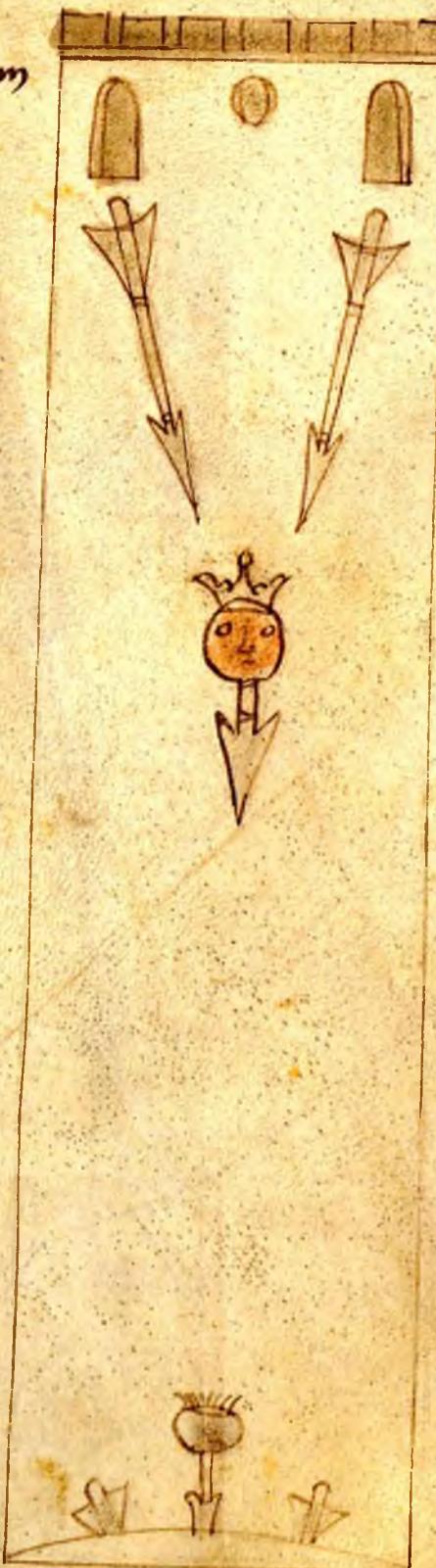
De aquarum ductibus hoc ingenius est et proprius de
seruit fontibus fluminis et cadentibus aquis.

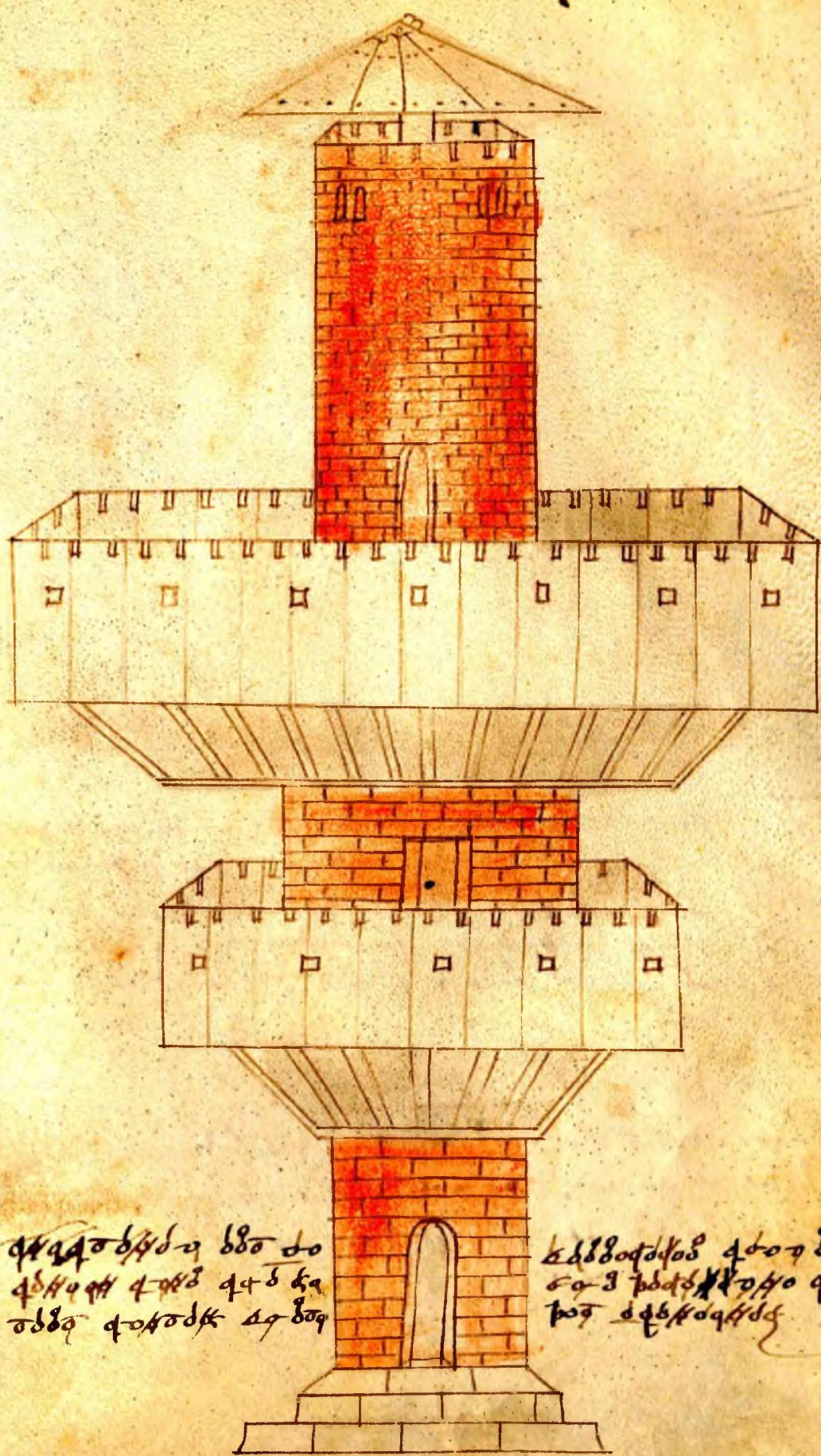
8
78 σε προστάθη τα εναπόμονα ανταρτικά διαφύγειαν
επίβατος ήσαν οι οποίοι διέφυγαν από την πόλη και έπειτα
επέστρεψαν στην πόλη μεταξύ των ημερών της 20ης Απριλίου
της 21ης Απριλίου και της 22ης Απριλίου. Τα προστάθη
της πόλης ήταν τα παραπάνω που αναφέρθησαν στην προηγούμενη

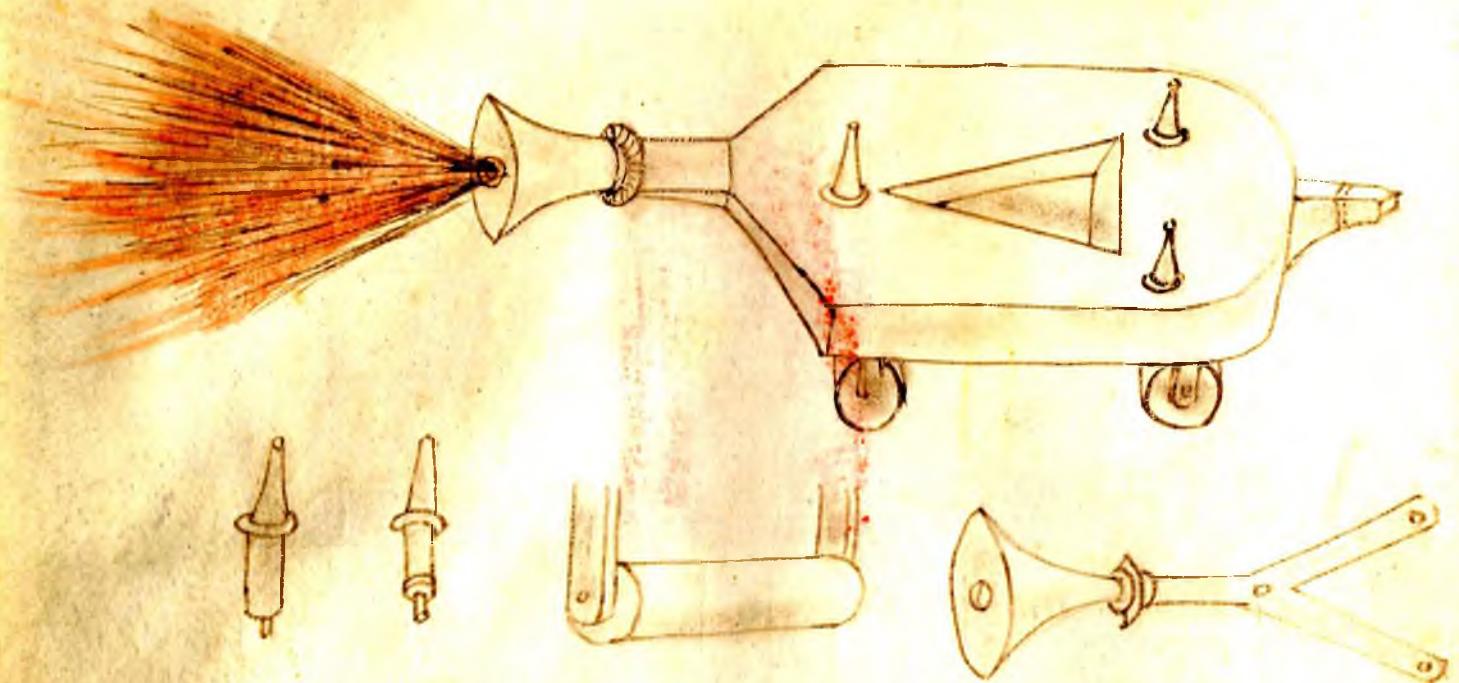


Turru plaus casa tuem
mensurat.

8. **О**хоронеши съмъвъсъдъгъ бо
зъсъдъ пъкъвъвъсъдъ тѣ бъгъ
и отъ бъдъ бъгъ въдъ и бъдъ тъ
зъсъдъ въдъвъсъдъ тѣ бъдъ
зъсъдъ въдъвъсъдъ тѣ бъдъ



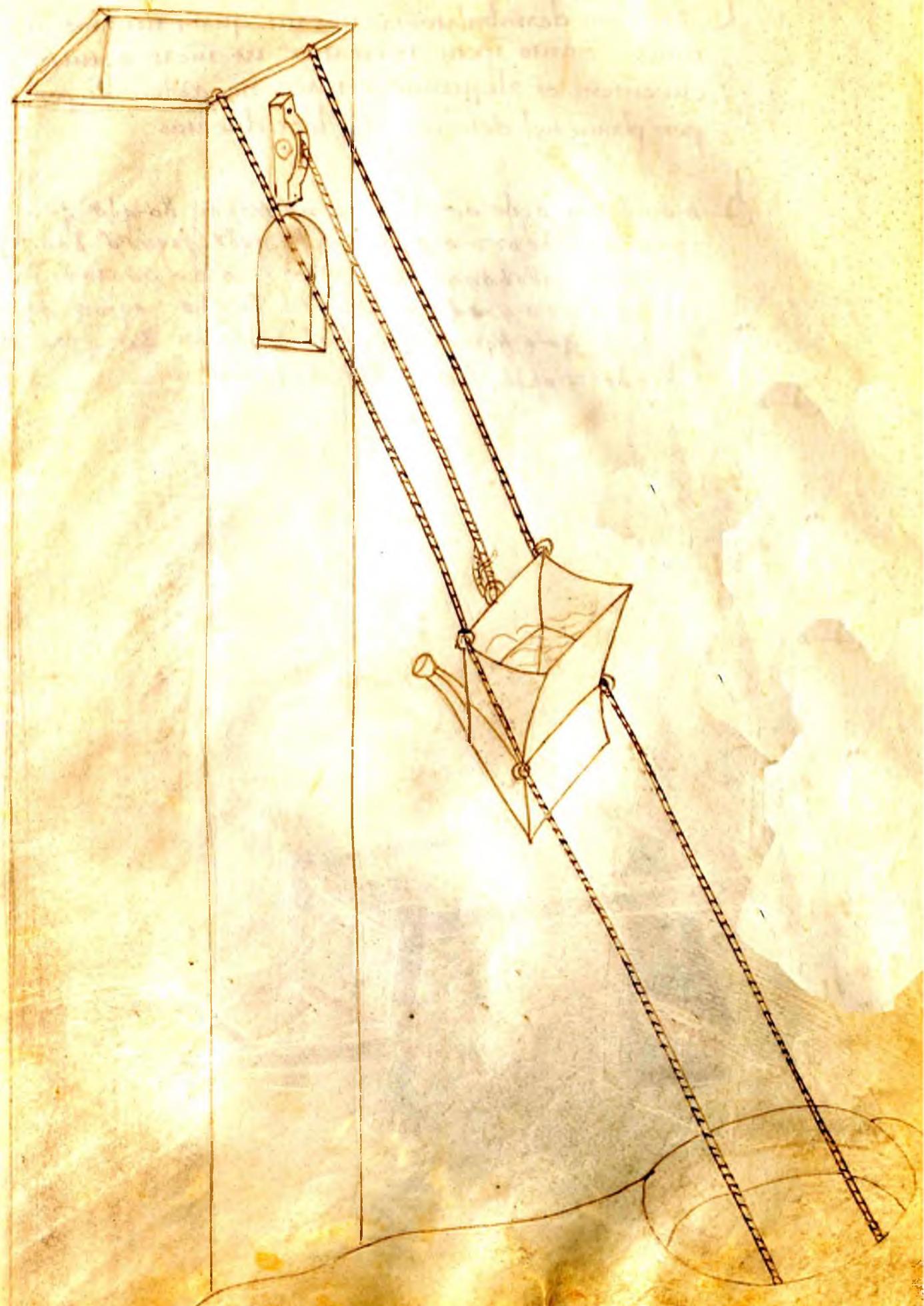




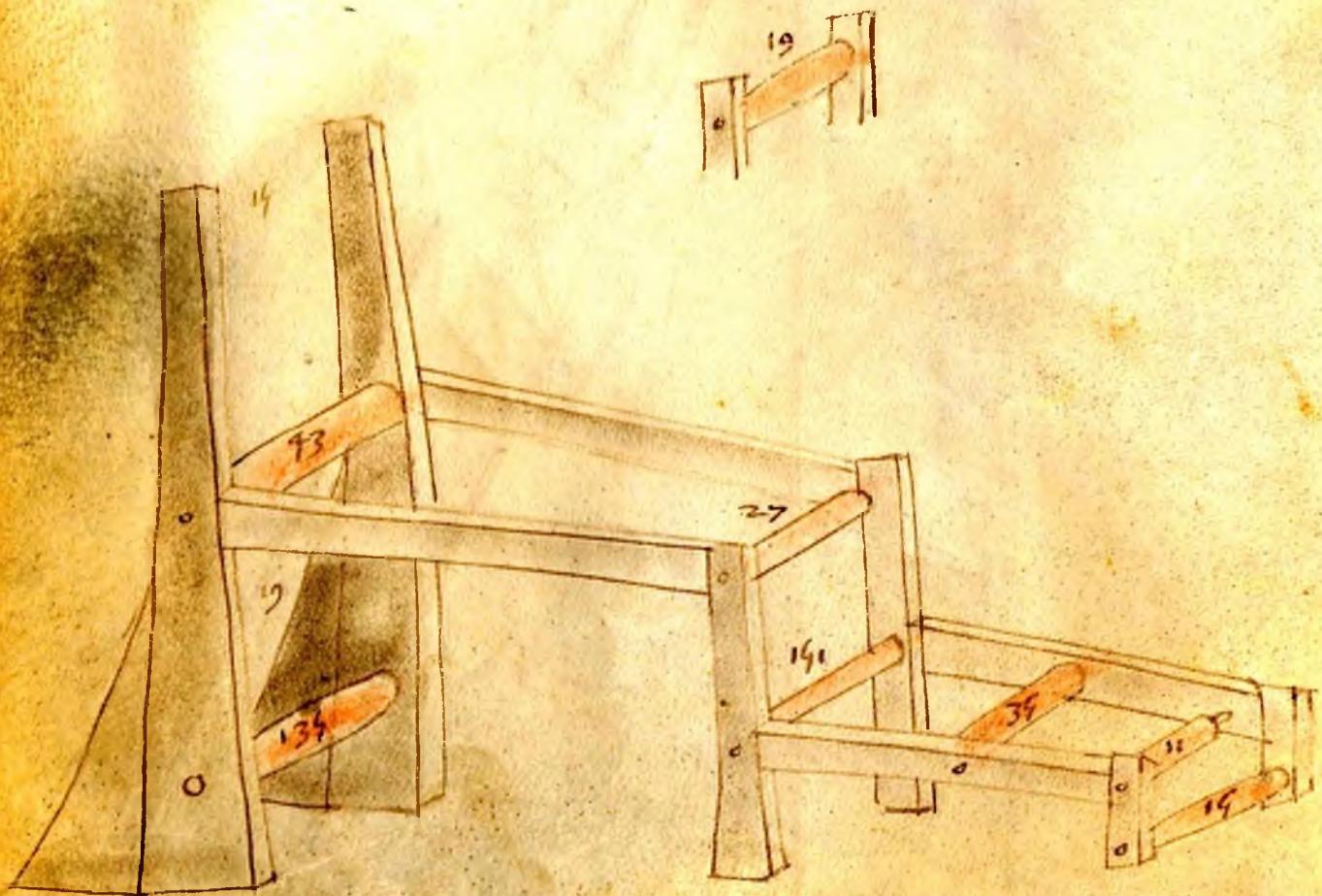
...
 Tunc fugientia quodcumque hunc odore quod debet esse quo
 et frigido et calido et secundo et frigido et secundo.
 Et non solum ex frigido et secundo et frigido et secundo
 sed et frigido et secundo et frigido et secundo et frigido et secundo
 et frigido et secundo et frigido et secundo et frigido et secundo.

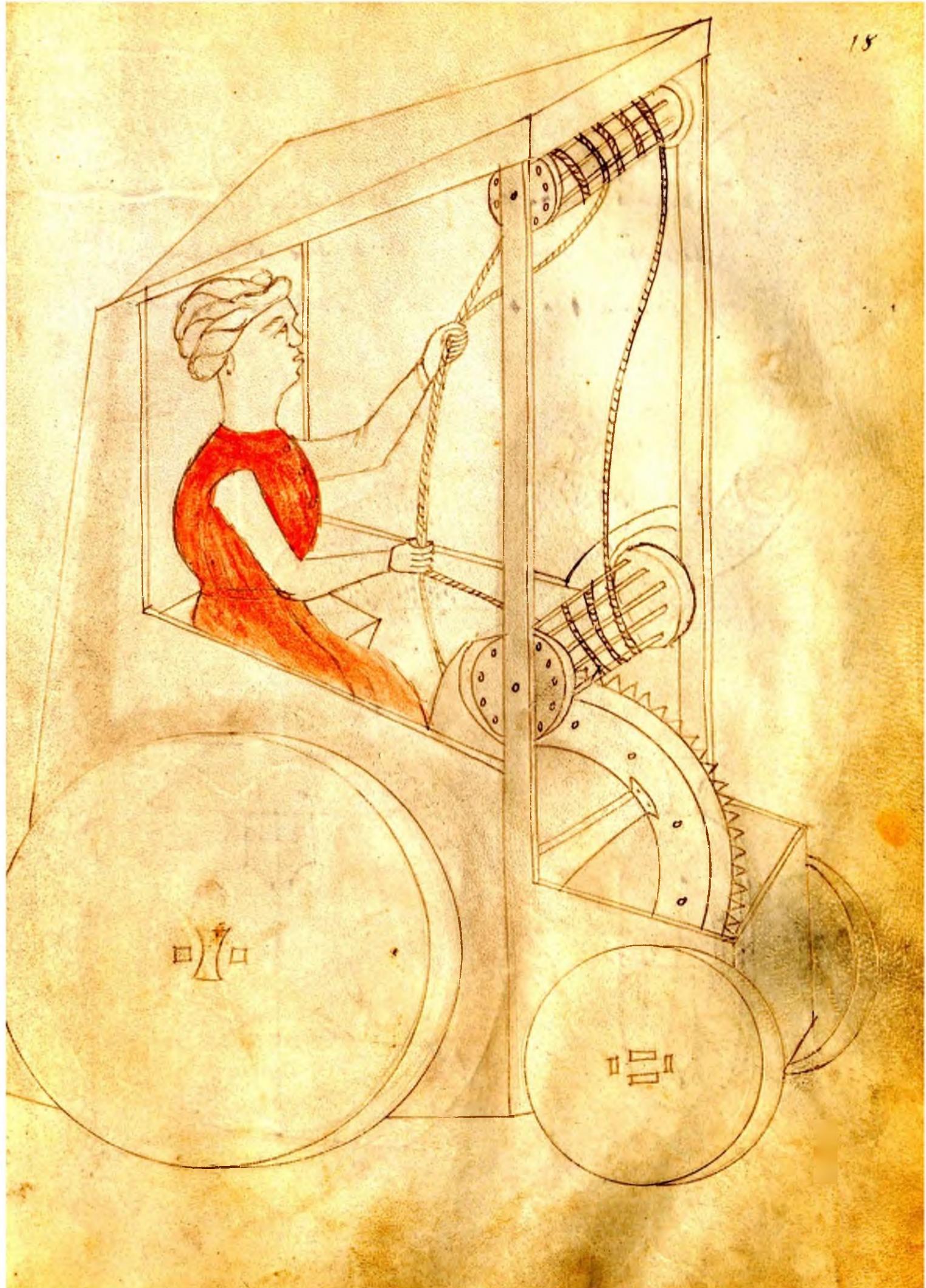
Attractio tunc est aquam lapides haecna miscuit
 ha et quecumque liba trahit possit miscupatur.

6. Atque deinde offerto quodcumque frigido et secundo et frigido et secundo
 et frigido et secundo et frigido et secundo et frigido et secundo et frigido et secundo



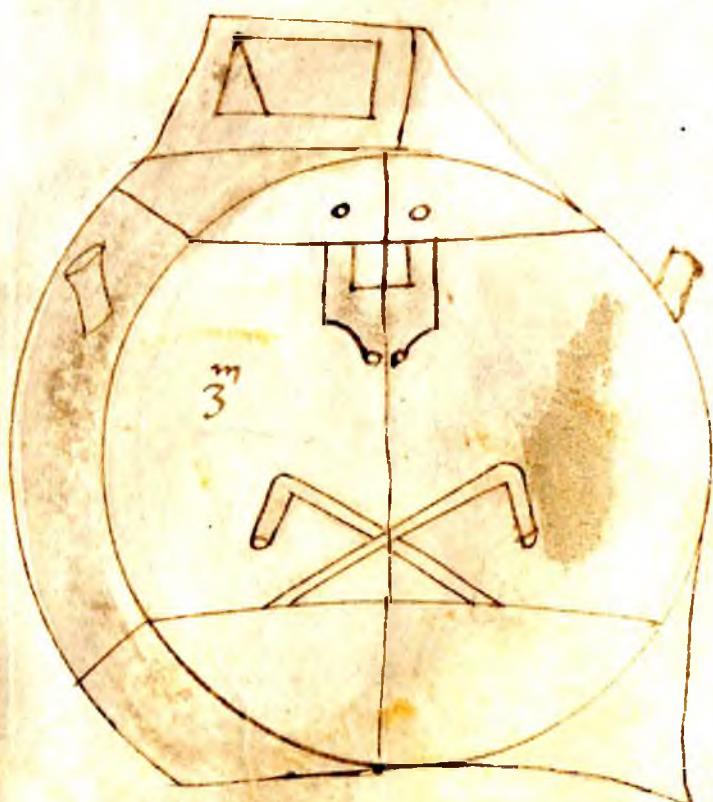
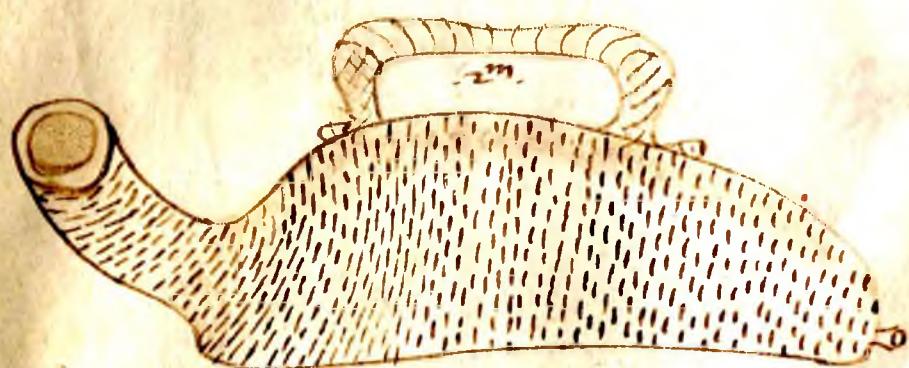
[Atcedam deambulatoria vocavi quam tui amore
inueni. tanto ipse incitatur ut iucat equis
cucientes et aliquando retinet non potest si per
per planus vel descendenter loca ducantur.

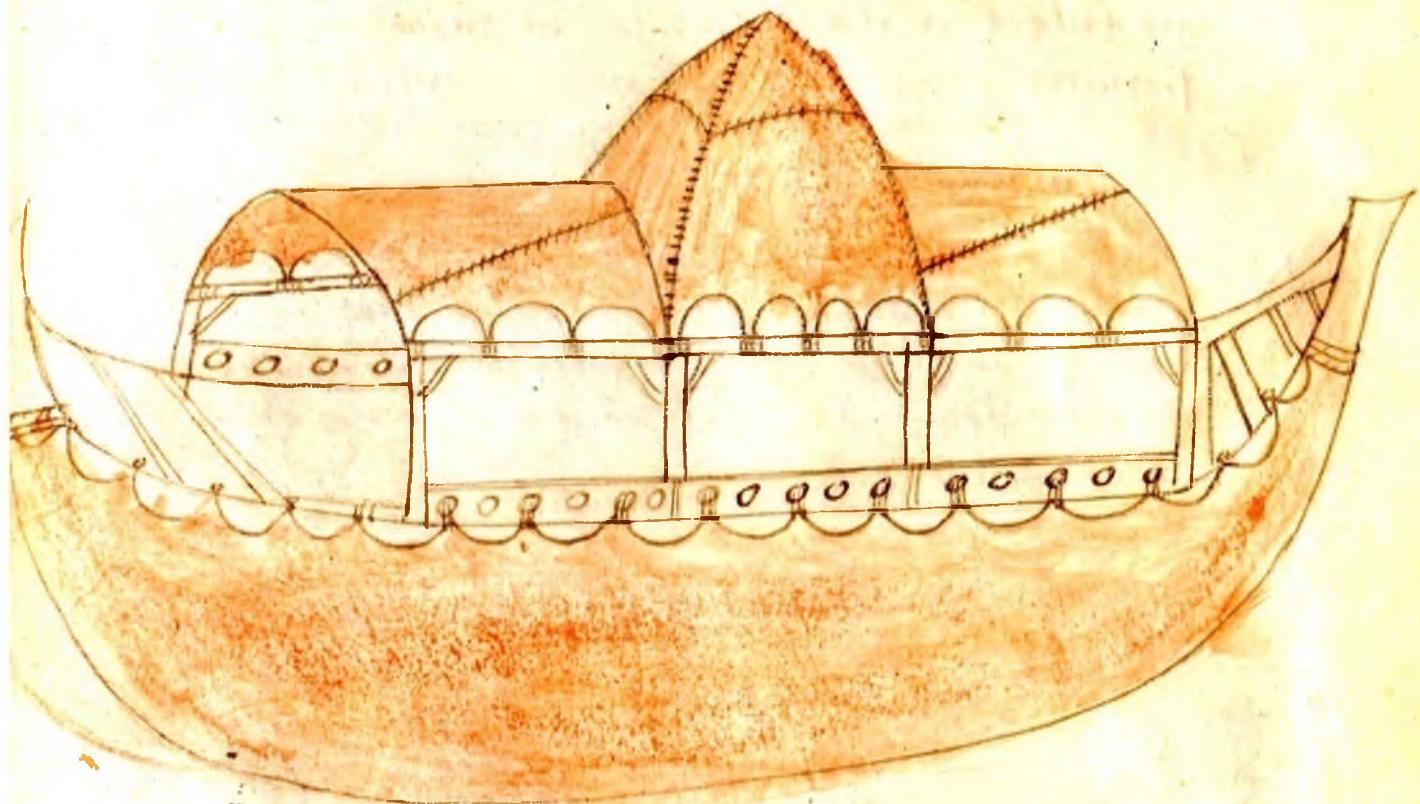




Vna mentalia ludica que ad contemplationem re
gum et principis gratia videntur.

et propositum est quod dicitur de oblio & de rememoracione.
quod est oblio & oblio & rememoratio de hoc dicitur oblio & rememoratio.
et oblio & hoc propositum est ut si de oblio & rememoratio

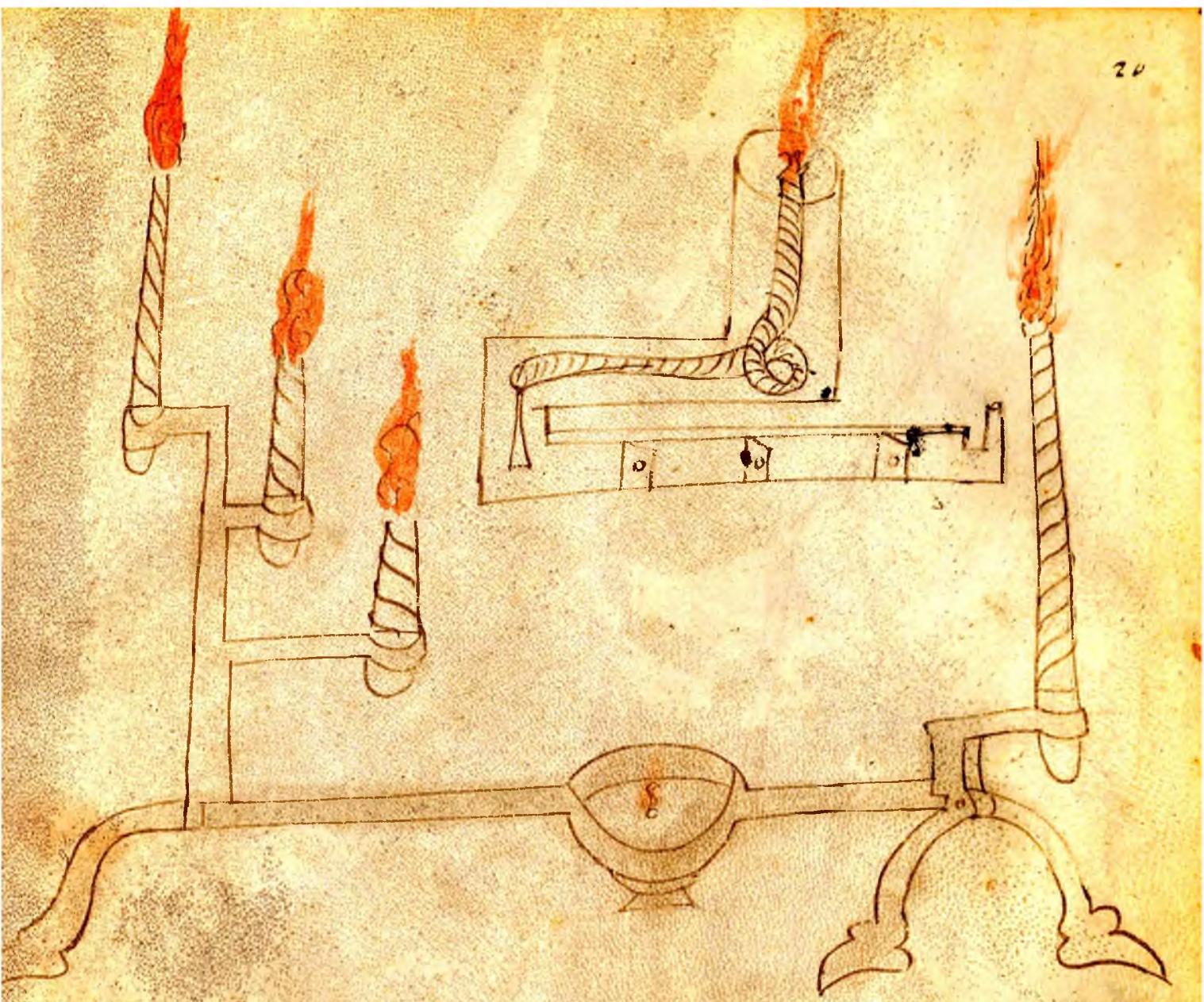




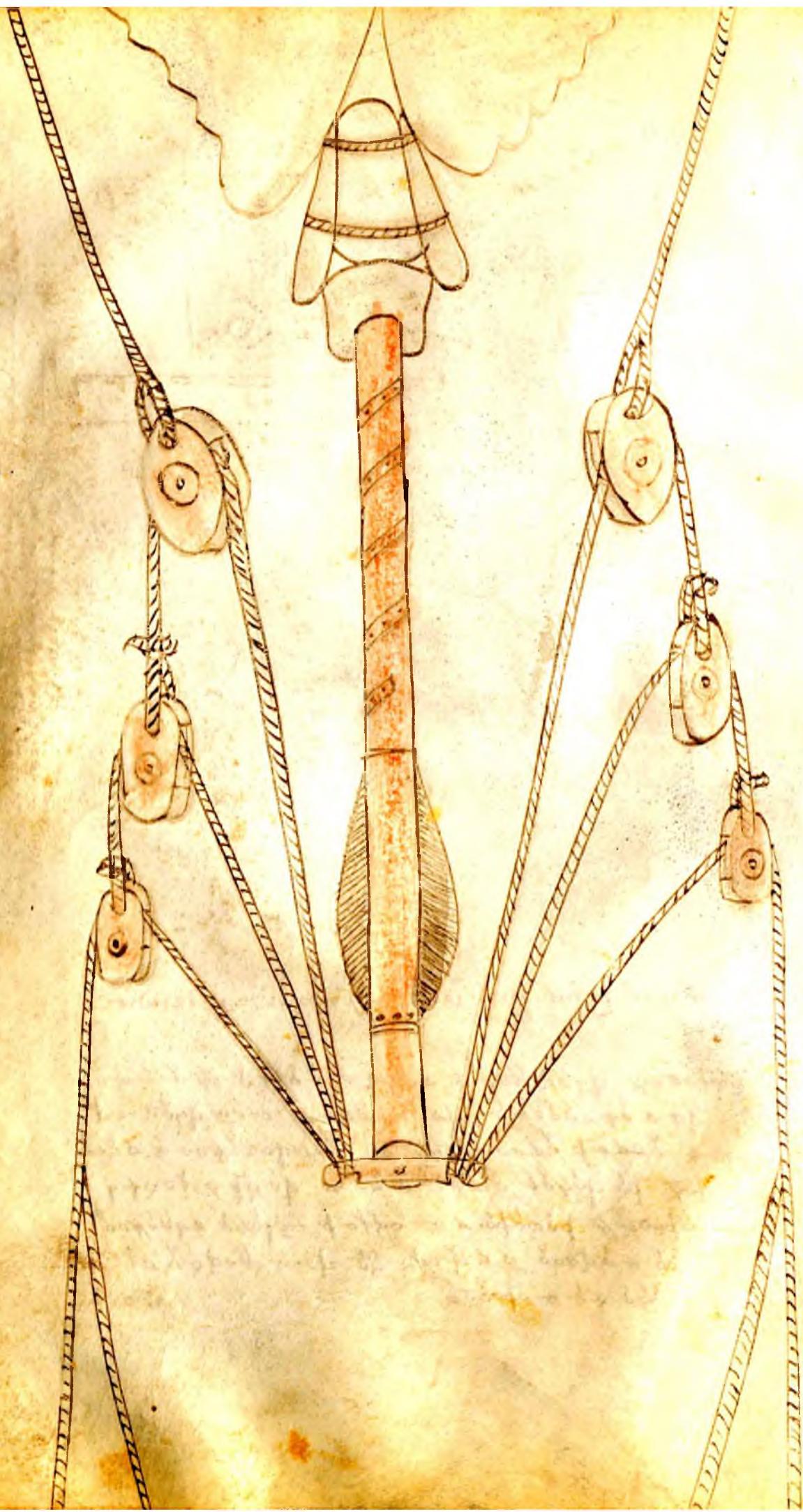
Mitria vel episcopalis corona que parum
valeat et nimis appetatur eo quod suo artifi-
cio fulget et ita resplendet ut nemo tam
firmiter tenui possit quam radis confundatur.

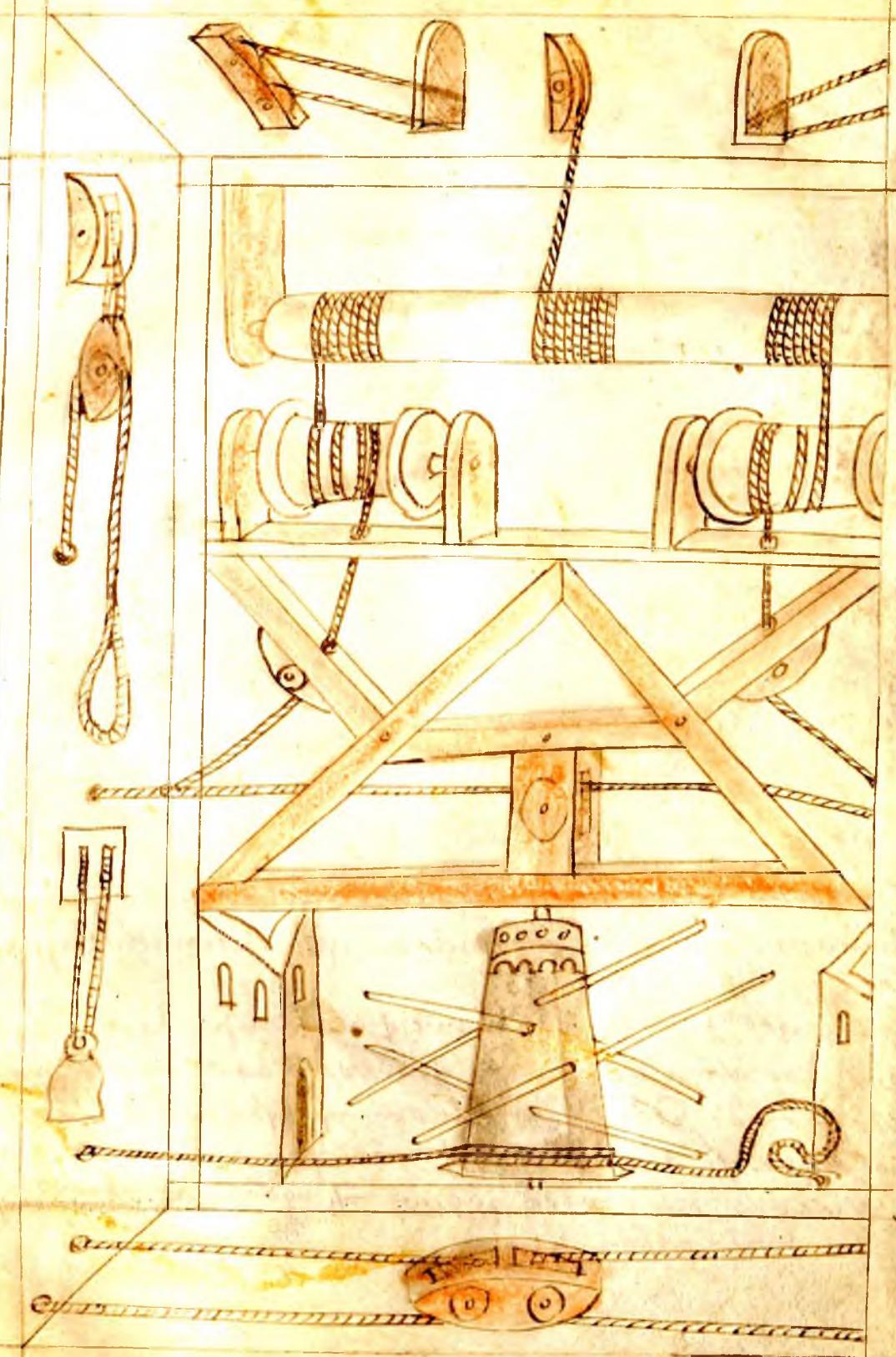
1. *ocor a a-dpndit qdnta bora ddp dpx dda tdk*
200 a d dppdsox do qdnt abdo dppdso
300 qdnt qdnt do dppdsoqddp 4 qdnt
500 ddd ddd ddd ddd ddd ddd ddd ddd
800 ddd ddd ddd ddd ddd ddd ddd ddd

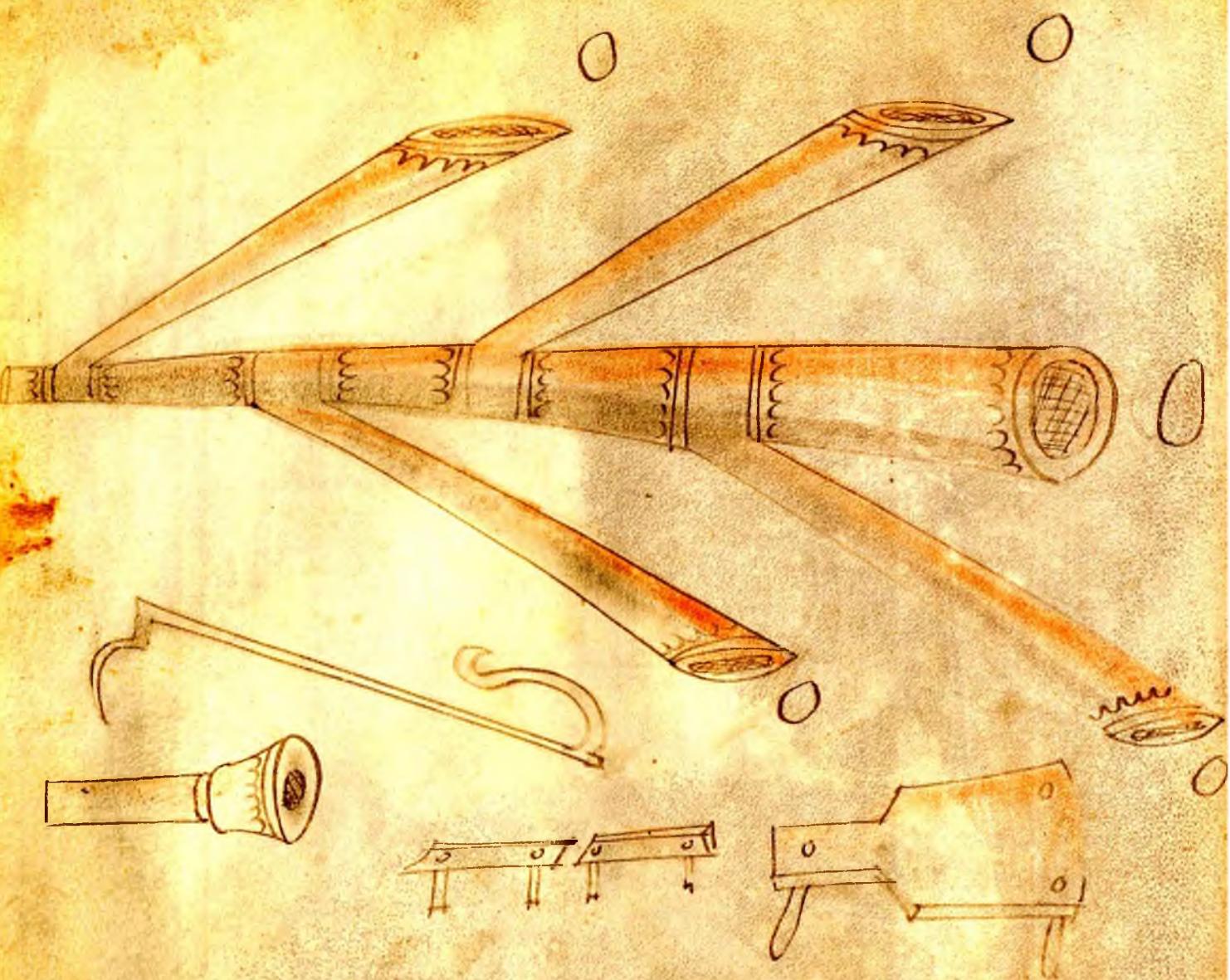




Nocturnus ignis qui uidentibus mīca ostendit

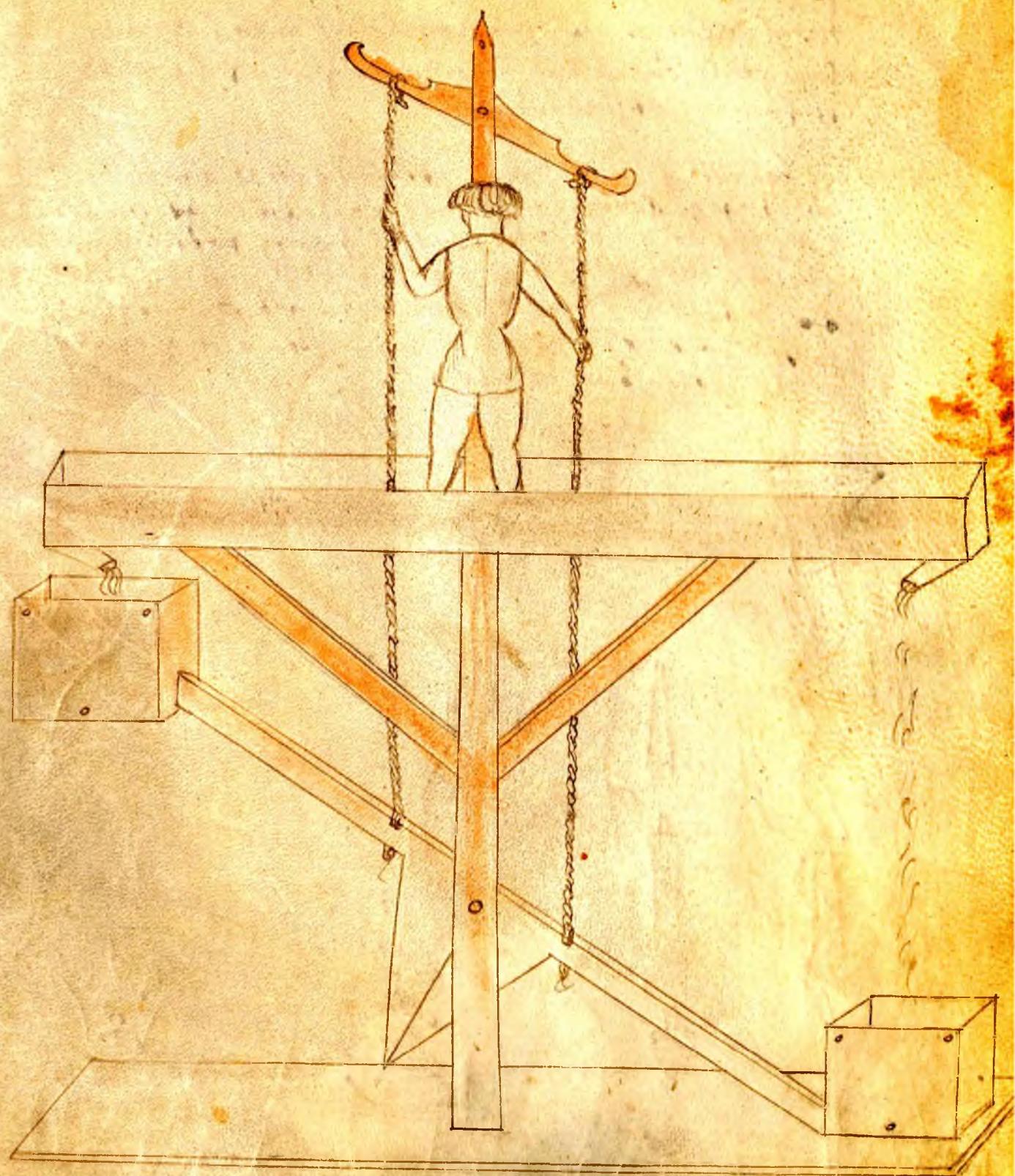




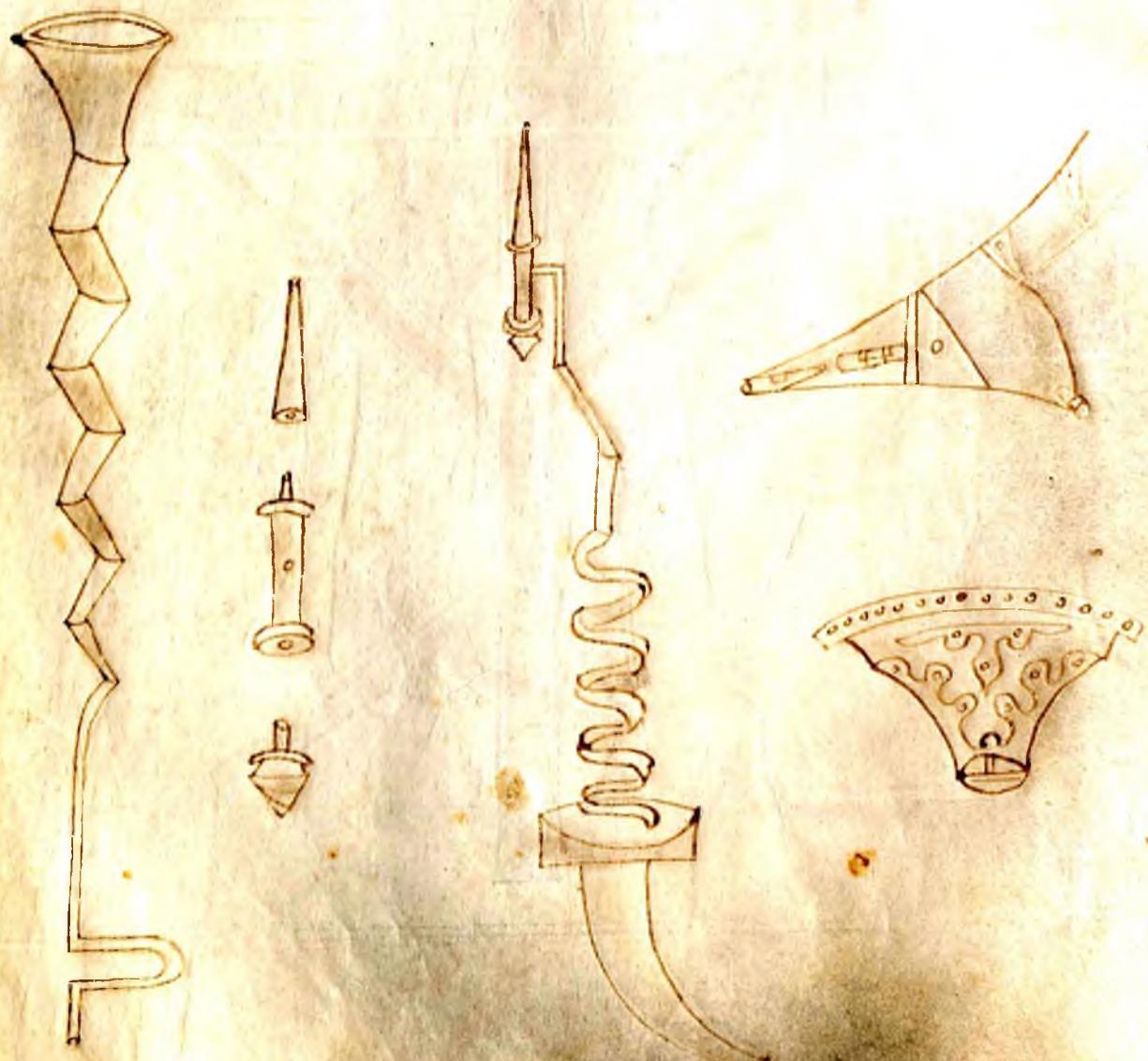


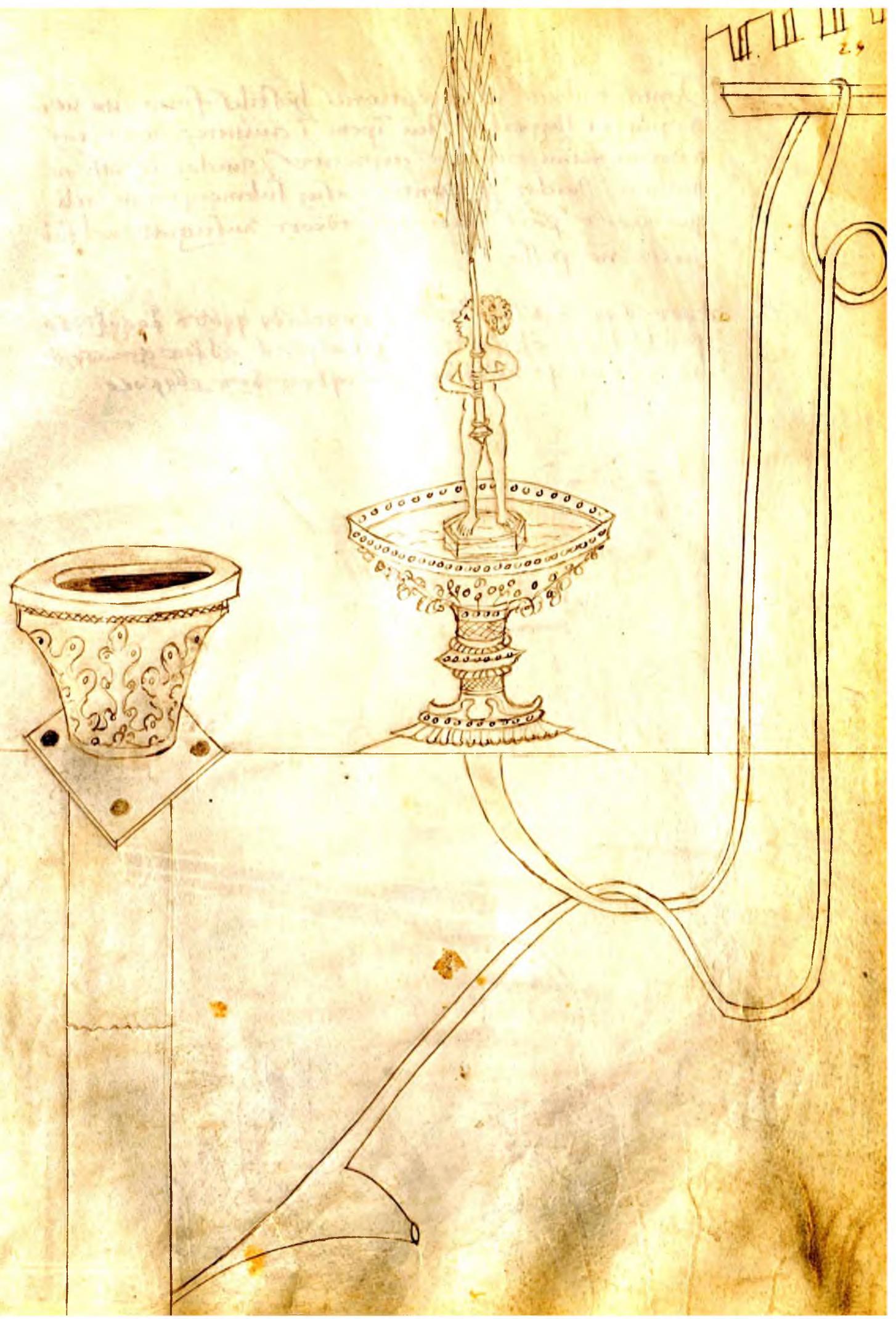
Portiones instrumentorum que occultantur in chilico
ingresso ad perficienda ea que extrinsecus apparet.

— առաջ գոտ օ սեղմած ծեած ան գուշակու օրո ծոծու սցուն
գիւ խօս ծայծ օ մատու. Աւ համբառու զ ծառ օրու զիս գիւ
պաց սես. Ըմետ այսու ի նու դի պահութեան ի սահու զիս
քու զիս գիւ գիւ զ պահու զ գու օ օւն. Տաւ ծառ ի ու
զու զու ծու պահու զ գիւ զ պահու զ գու օ օւն. Տաւ ծառ ի ու
զու զու պահու զ գիւ զ պահու զ գու օ օւն.



Fons uenetus dici potest quia ibi magis q[uod] alibi
fiari potest cu[m] ea ciuitas cisternis putatis sit plena
et fontibus et fluminibus eget.

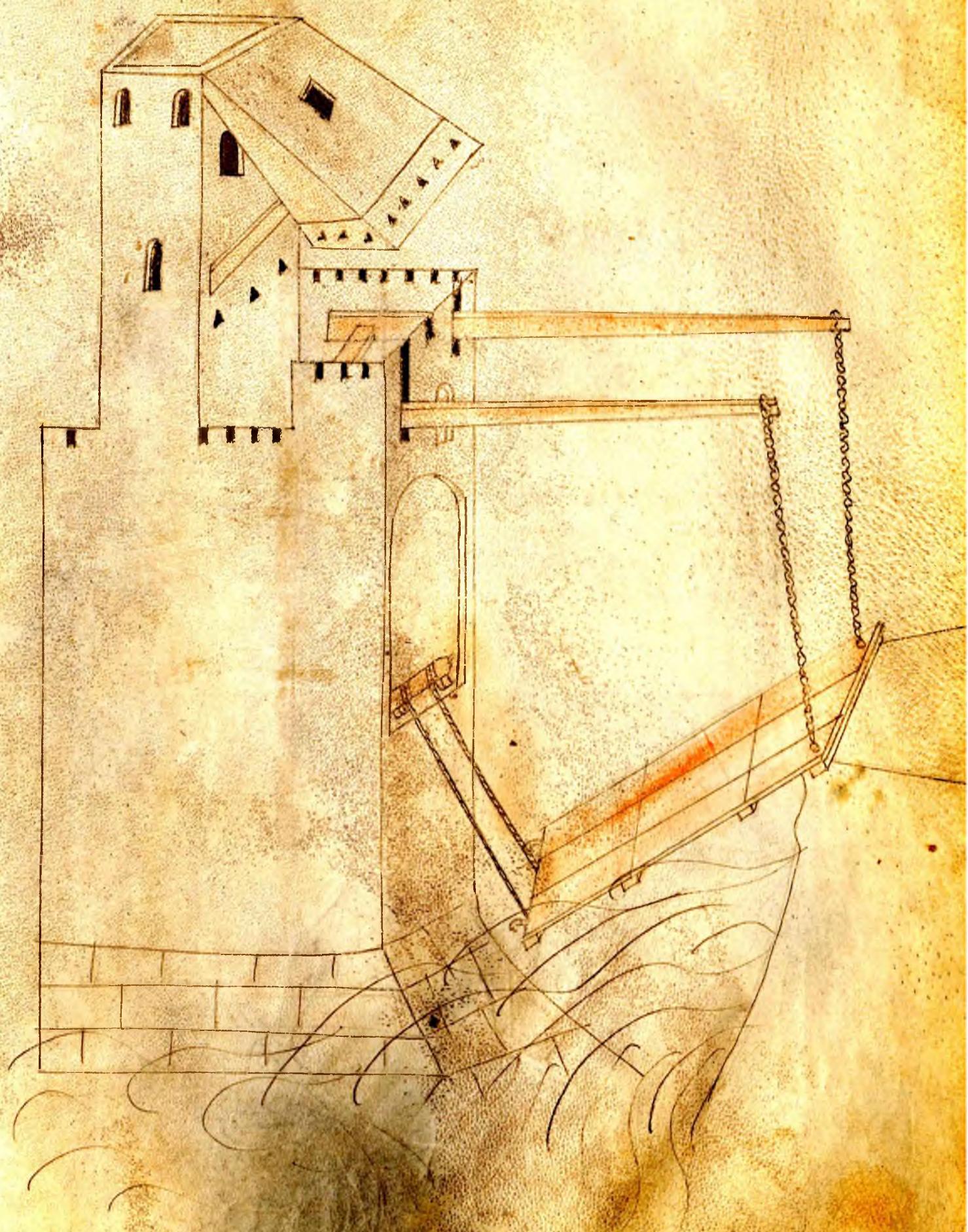




Pontes trabuti ad deceptiones hostiles furent ita ut cum
migeri super essent qui ipetu in ciuitates ruant et
armata manu capace cupientes quicunque ingressi ca-
pientur quicunque per pontis casus submergantur reli-
qui vero pars exercitus terrorre defugiat vel sub-
mersio non possit.

1. — ~~et quod tunc a nobis debet esse quod obiectum est~~
~~quod per nos est obiectum quod obiectum est per nos~~
~~est quod est per nos quod est per nos quod est per nos~~

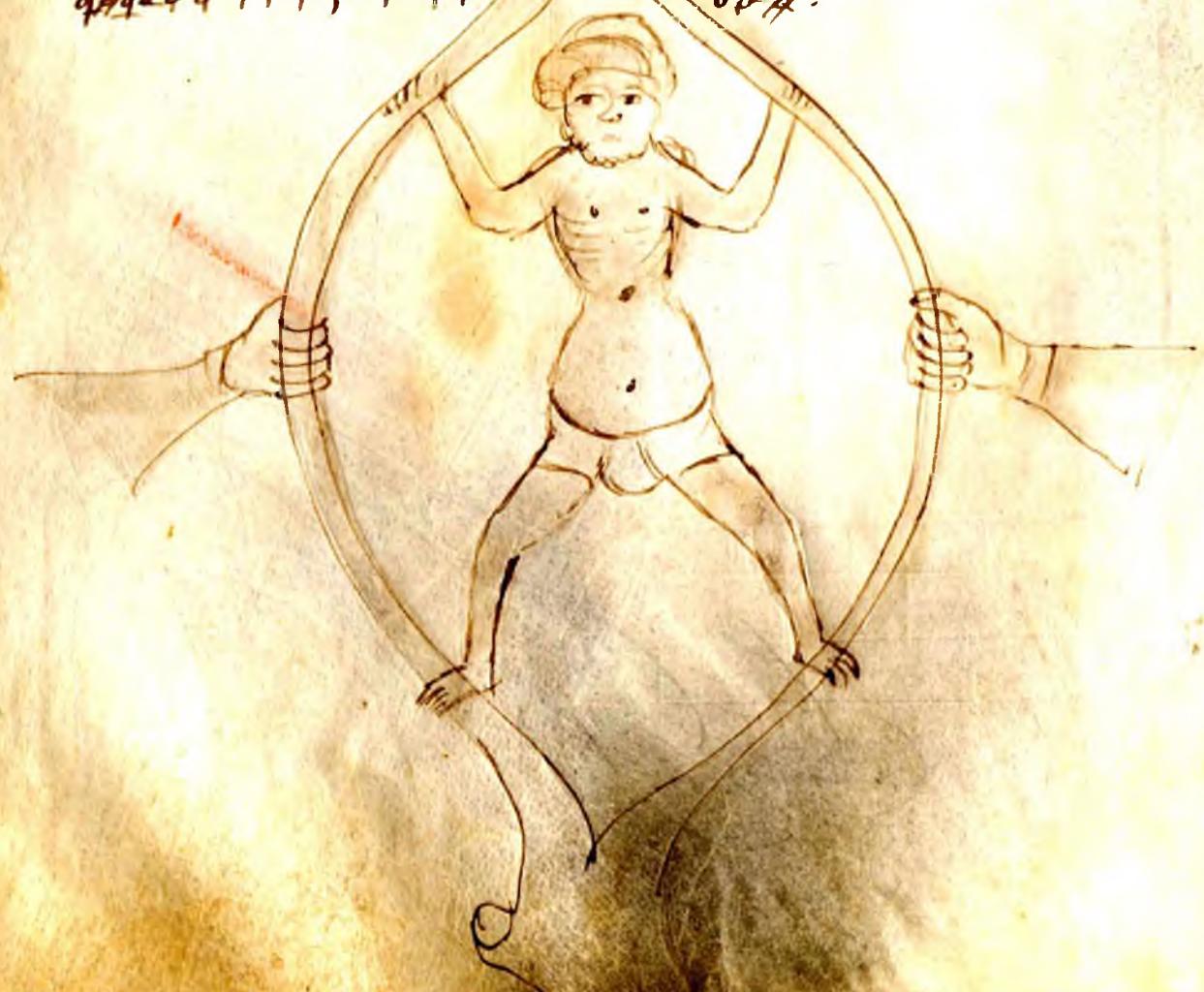


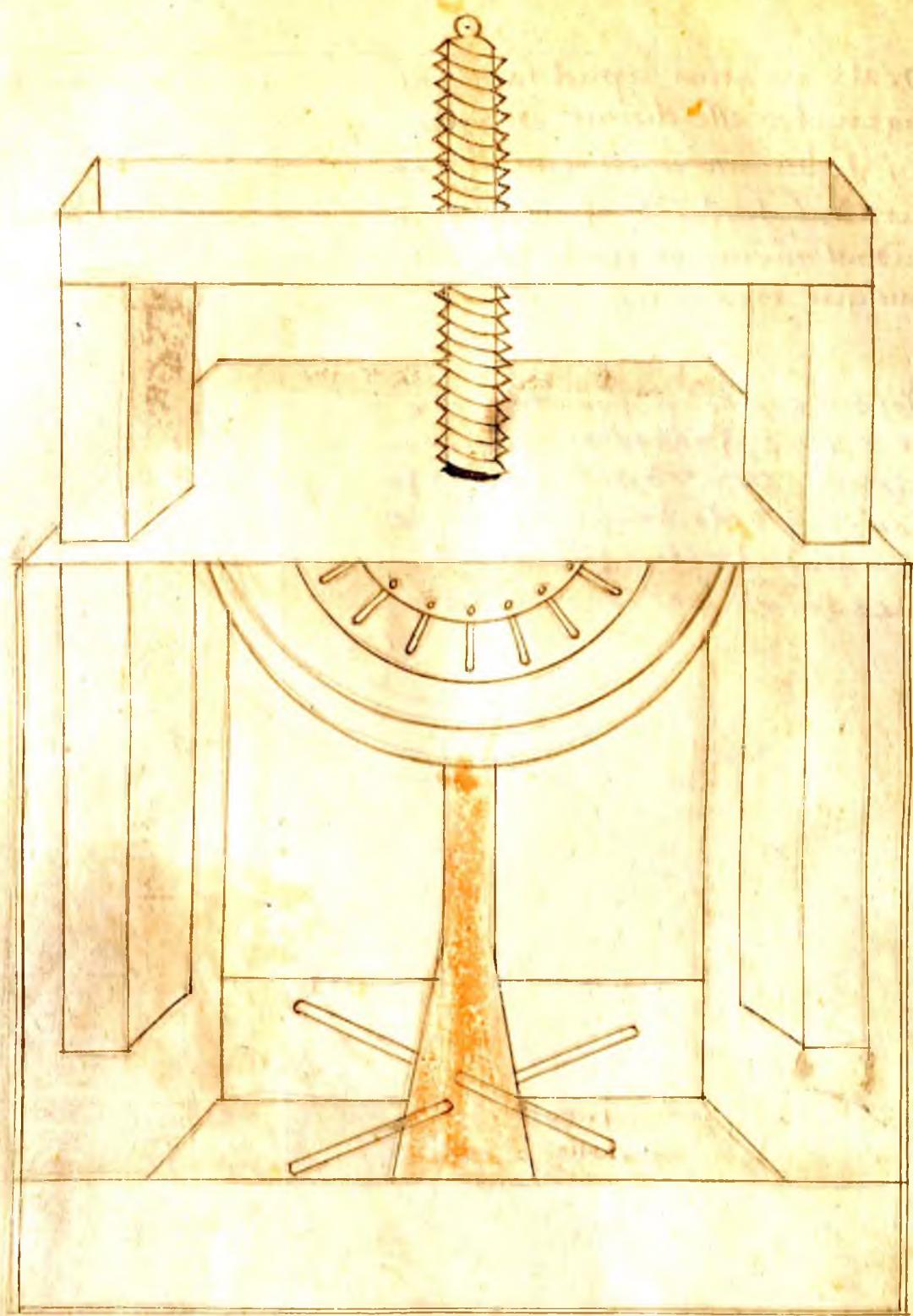




ქ ხ რ ი ა ე ბ ა დ ი ს ე ბ ი ა დ
ხ ა ვ ი ხ ა დ ი ხ ა დ ი ხ ა დ
ე ბ ა დ ი ხ ა დ ი ხ ა დ ი ხ ა დ
ე ბ ა დ ი ხ ა დ ი ხ ა დ ი ხ ა დ

მ ა დ ი ხ ა დ ი ხ ა დ ი ხ ა დ
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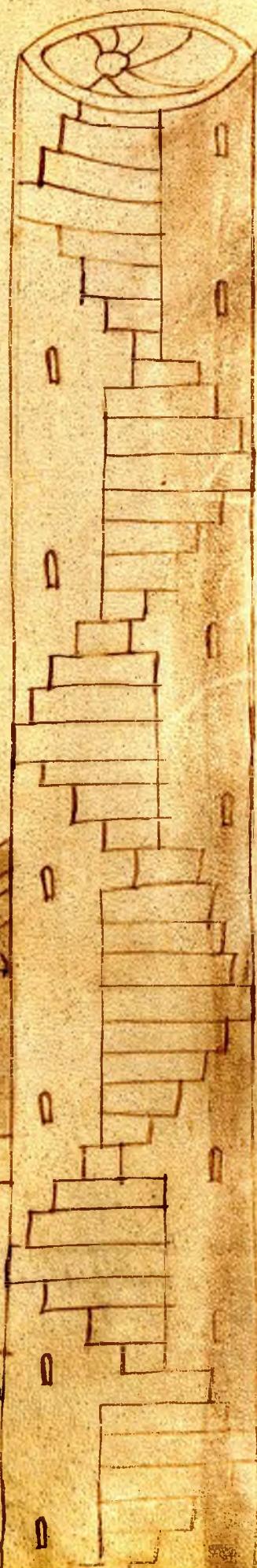
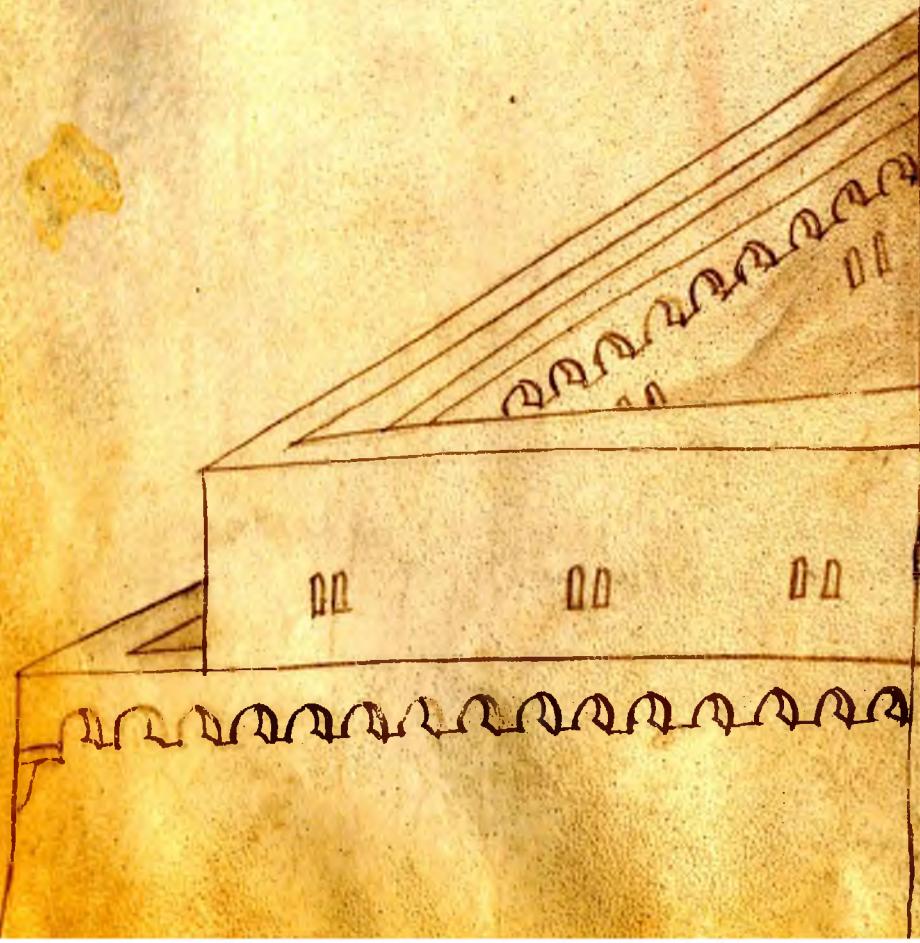


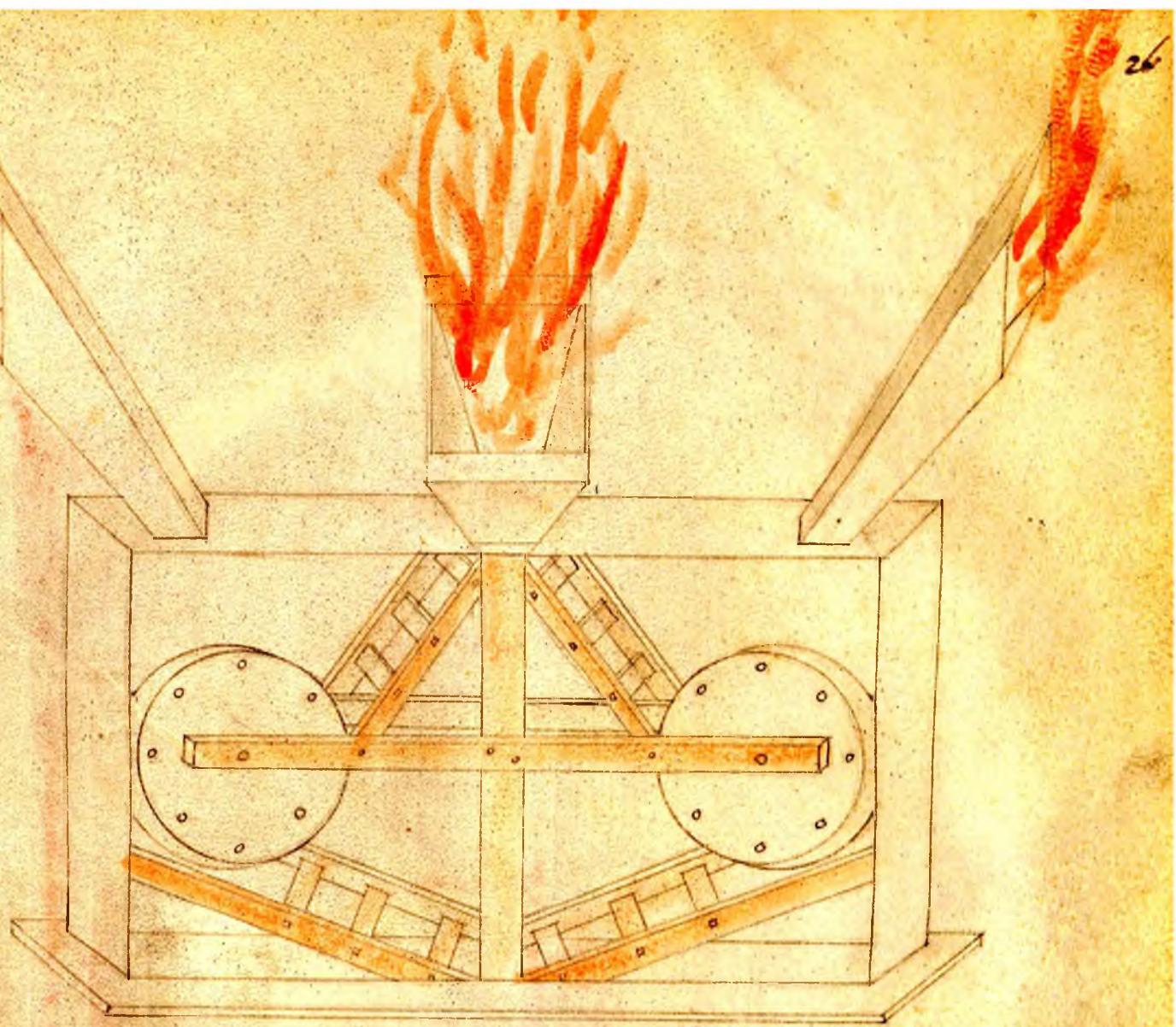


Օթո նես զբանց օղակը ո զեթողիւս քահ եղած
թո օօհէ ձեմաւ ծ աժօրու և եթօգօսու քահ ո յ
Խօհոց է.

Scala girationis apud sapientes
ingeniosos esse dicitur et apud
eis fabricata. et est eius triplex
utilitas facilis. s. ascensus forti-
tudinis tunc et tute ab hosti-
bus qui eam intrarent.

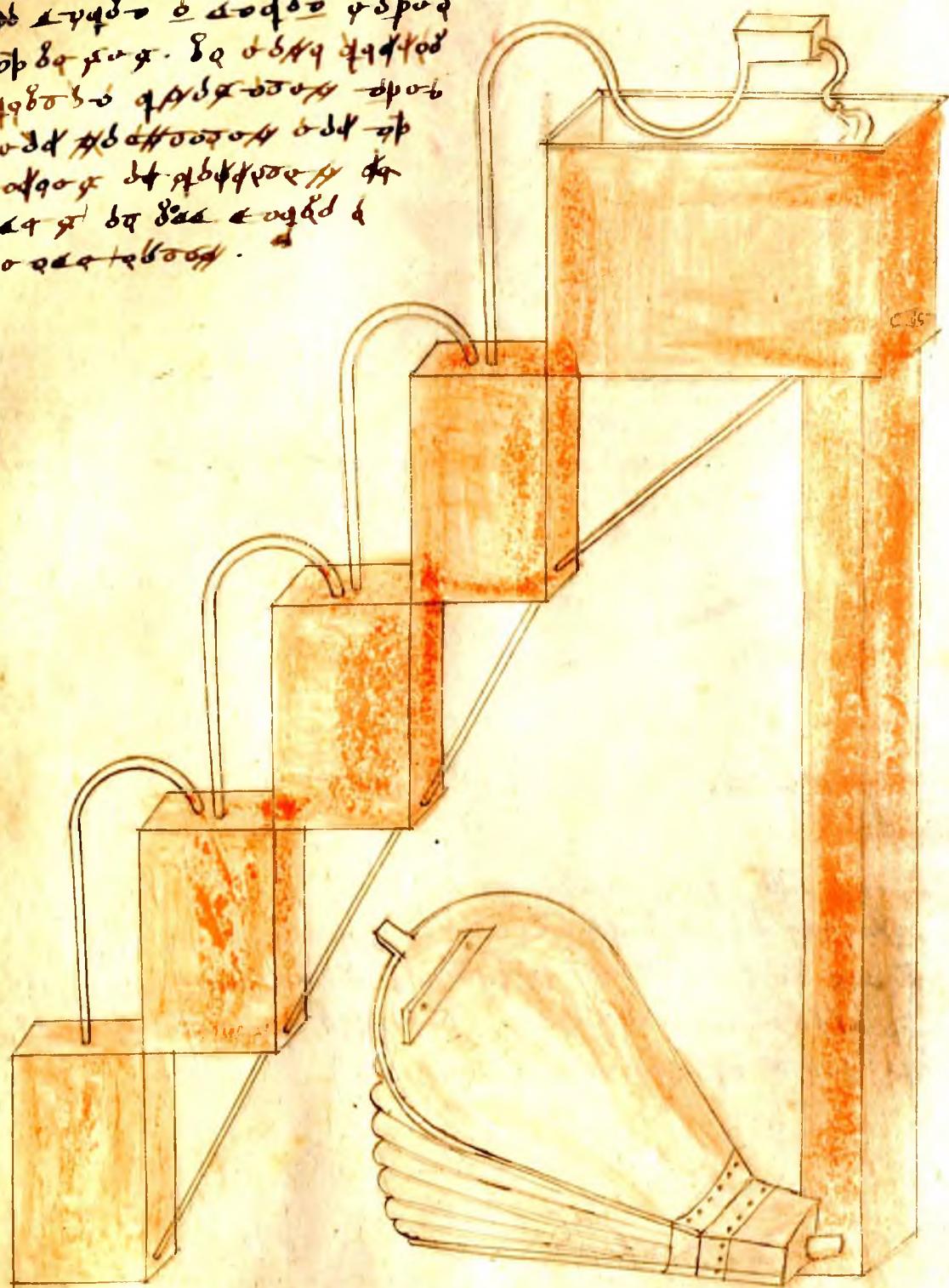
¶ -dōbō-dōgōbō-dōbōdōbōbō
-rōgōbō-dōdōbō-dōbōbō
dōbōdōbō-dōbōdōbōdōbō
dōdōbōdōbōdōbōdōbōdōbō
dōbōdōbōdōbōdōbōdōbōdōbō





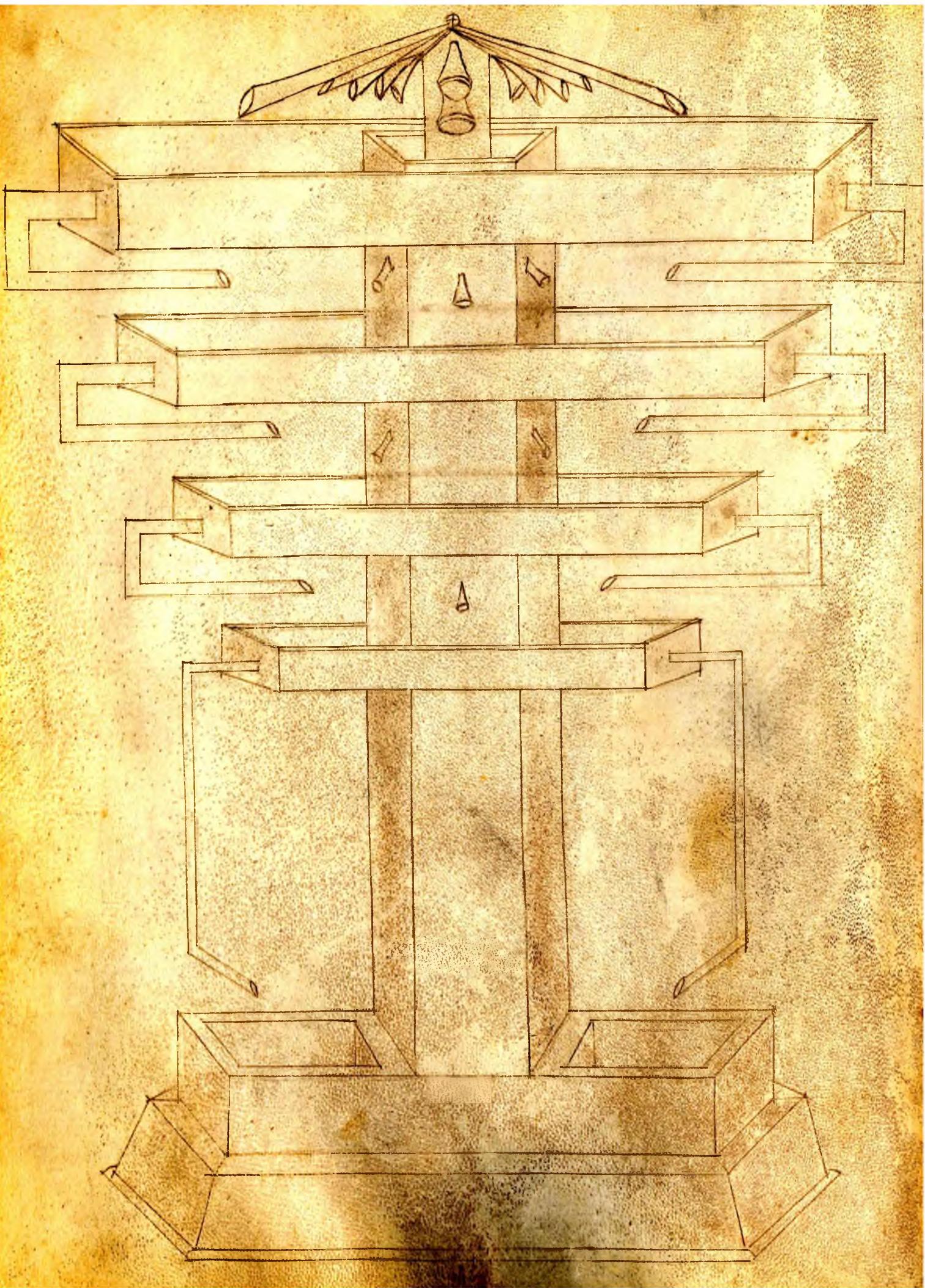
1 Եզ օքս մատուցուած եւ շաղին ափութիւն գեր
 օքսոգերեց եւ բոլով զշտեած օքնեած օքսոնց ըն սկզ
 պահ յօ բուռուակ զկազի օքնեած եւ սակաց զօսզու
 ըն սկզեած արև զաթեած օքնեած զաթեած զօսզու
 զօսզու եւ սկզեած օքնեած զաթեած զօսզու

¶ qd 8 dge 886 op 844 50-8860
qd 8 dge 886 op 844 50-8860



Descensorius opus istud est cuius expositio est
 ut eph-ekos qd^m - ab egypto a quoq qd^m ex pto
 d^m qd^m qd^m etas & se p^m d^m etas qd^m qd^m qd^m
 o d^m x^m b^m qd^m qd^m o qd^m b^m o d^m t^m qd^m d^m qd^m
 b^m o d^m p^m qd^m p^m d^m o d^m qd^m qd^m d^m d^m
 o d^m o d^m p^m qd^m d^m o d^m qd^m o d^m d^m
 qd^m b^m p^m qd^m b^m p^m qd^m b^m p^m qd^m b^m p^m qd^m b^m
 p^m d^m p^m d^m d^m qd^m d^m d^m p^m d^m d^m p^m d^m d^m
 qd^m d^m
 d^m o p^m o p^m d^m d^m d^m d^m d^m d^m d^m d^m d^m d^m

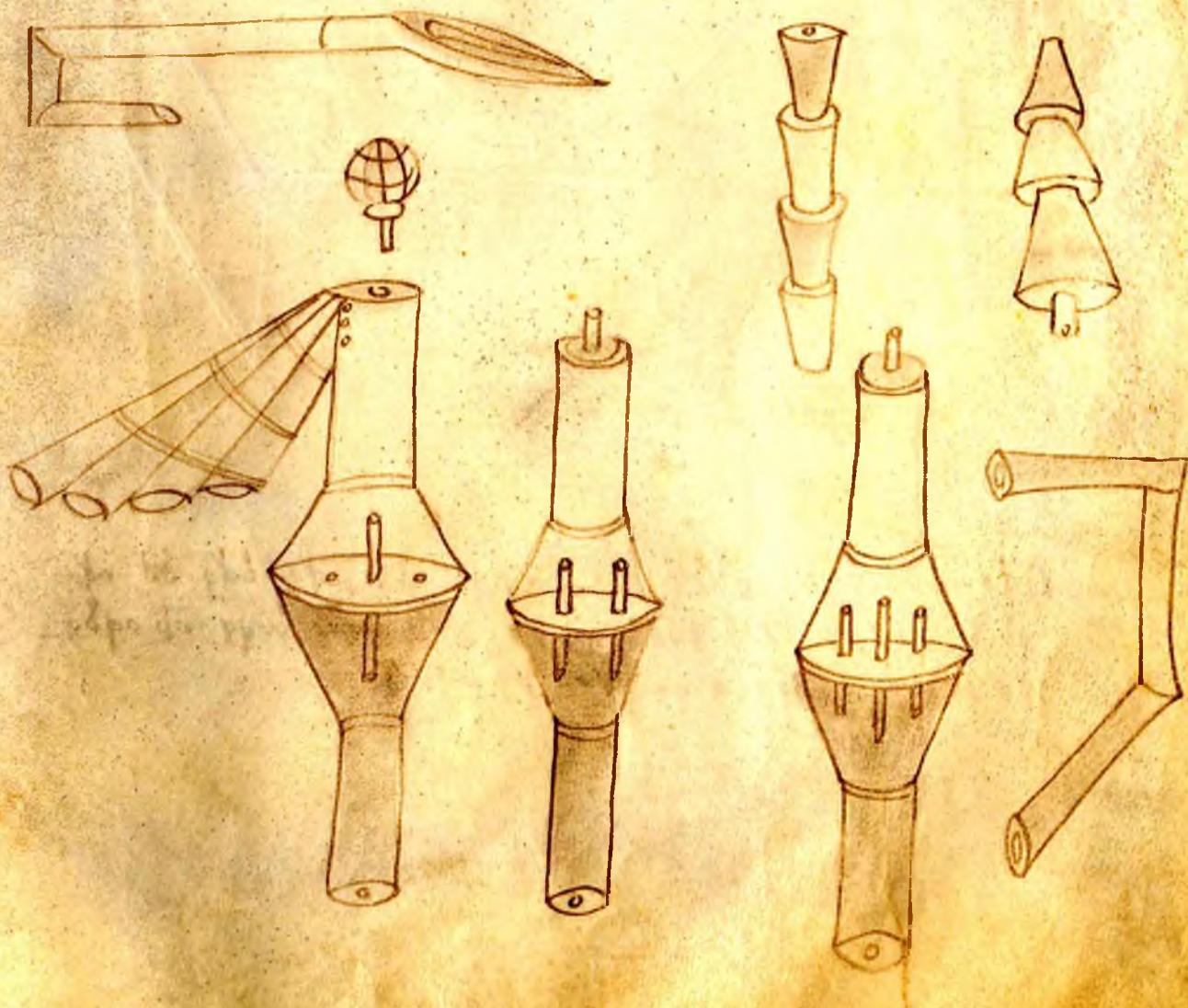


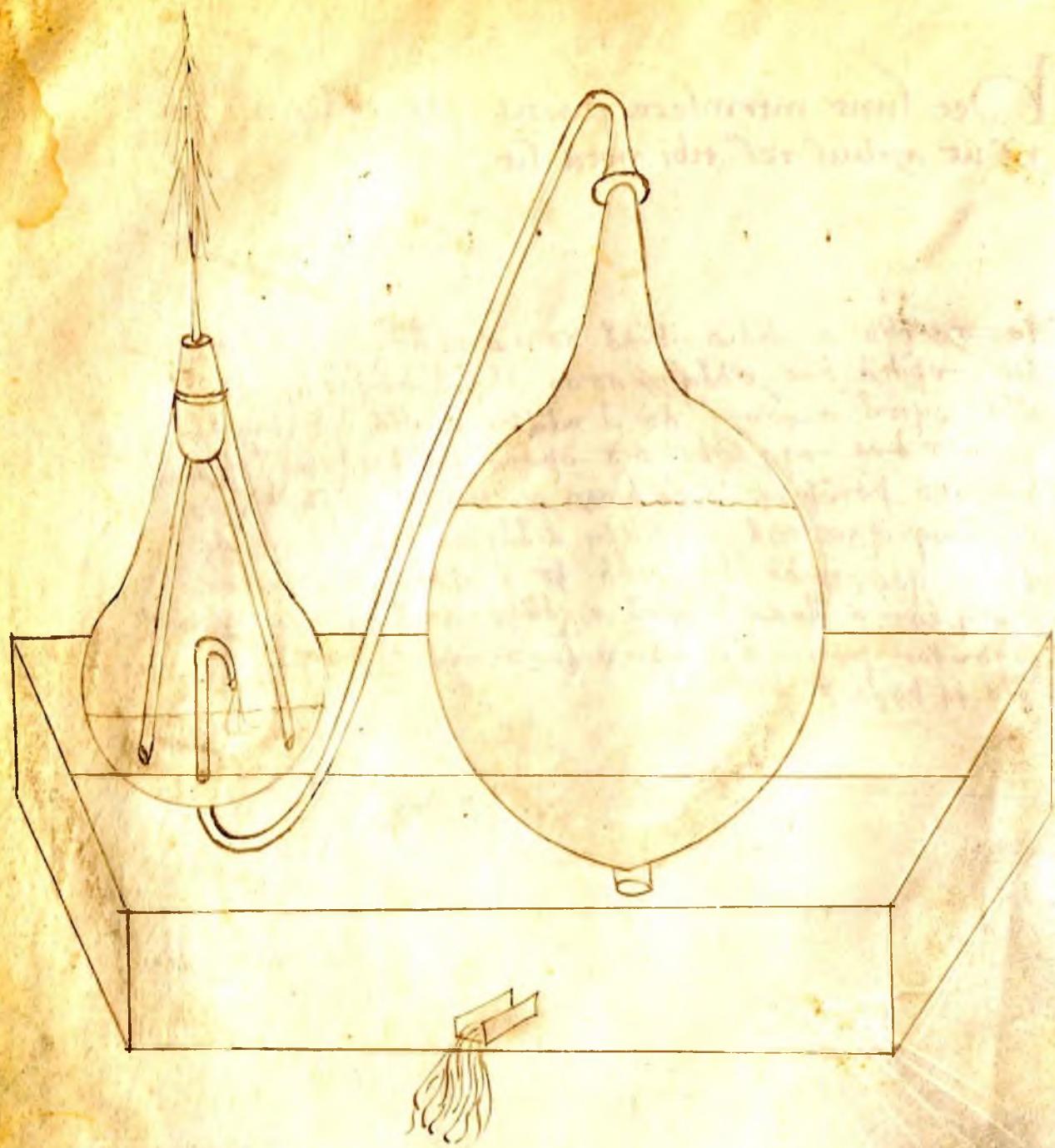


Hec sunt intrinsecæ partes precedentis fontis ut aequaliter res tibi nota sit.

g
+

Ob-docxoyodo x-abb d-abb-b8 bdo-aq6 8t-abb-b4 d-abb
8od -abdo g 862 468d-468oq -abdo8 -b608d4 b6o
868 q68 o-260 . d8 d-ud8d8 468d d-fabos qd
p- d-abb -qq-468d o-8 abdo h-abb b-abb 86p-
-pox-abb p-abb qf q-abb-abb 4 . b-abb a-abb 8-abb-abb
d-abbq qf q-abb-abb -abb-abb d-abb-abb 8-abb-abb qf
q-abb-abb q-abb-abb 8-abb-abb . b-abb d-abb-abb x-abb-abb-abb
d-abb-abb q-abb-abb 8-abb-abb o-abb-abb-abb q-abb-abb-abb
q-abb-abb-abb p-abb o-abb-abb-abb q-abb-abb-abb -abb-abb-abb q-abb-abb-abb
p-abb-abb-abb p-abb o-abb-abb-abb q-abb-abb-abb -abb-abb-abb q-abb-abb-abb

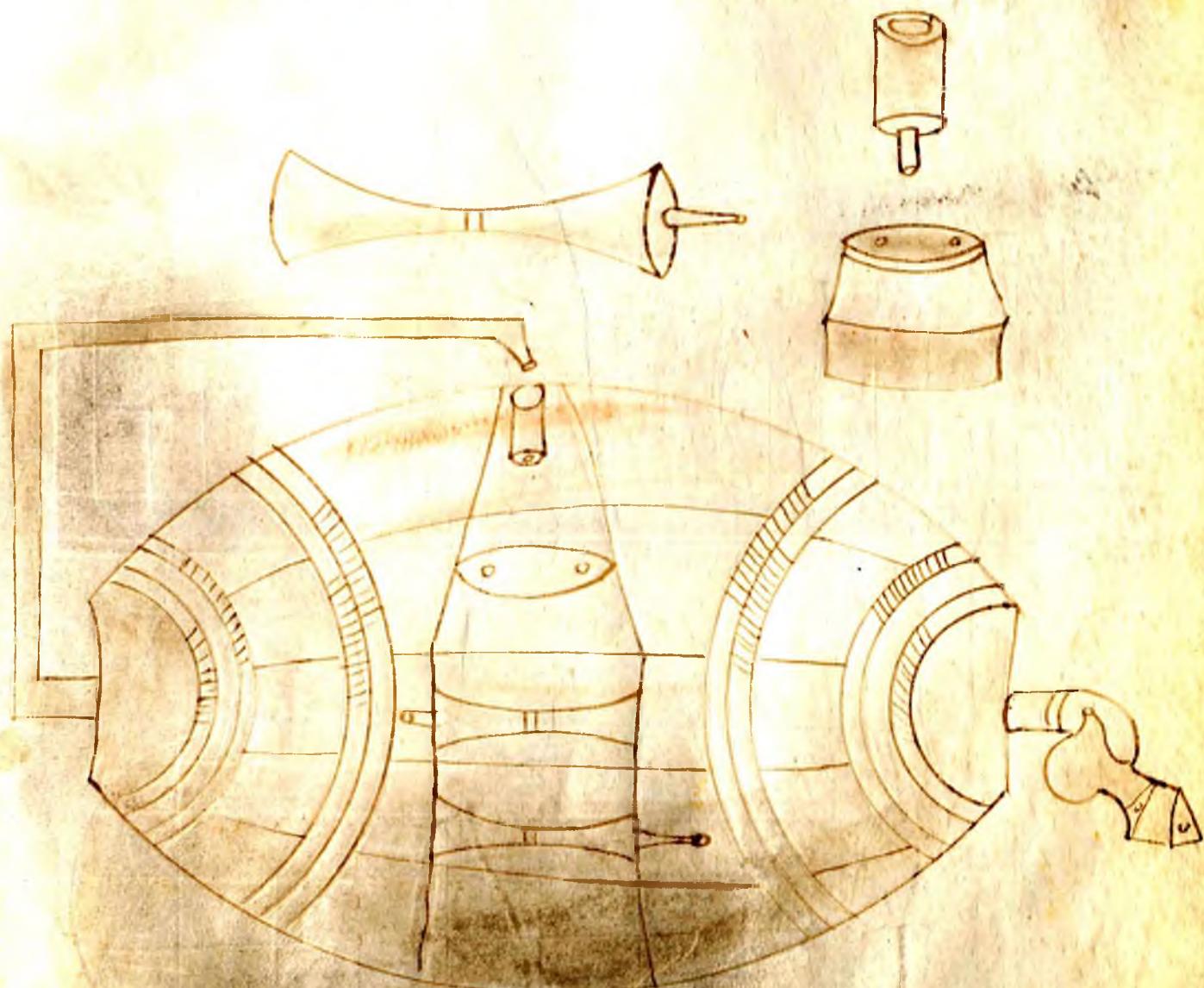




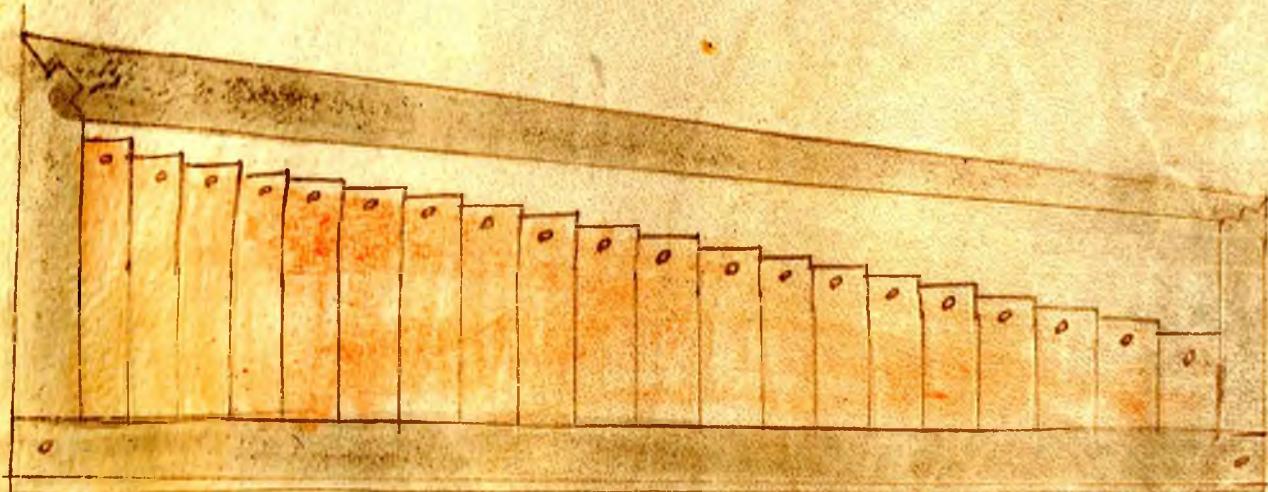
+ Одкоою ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ
и ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ ѿбъзъ

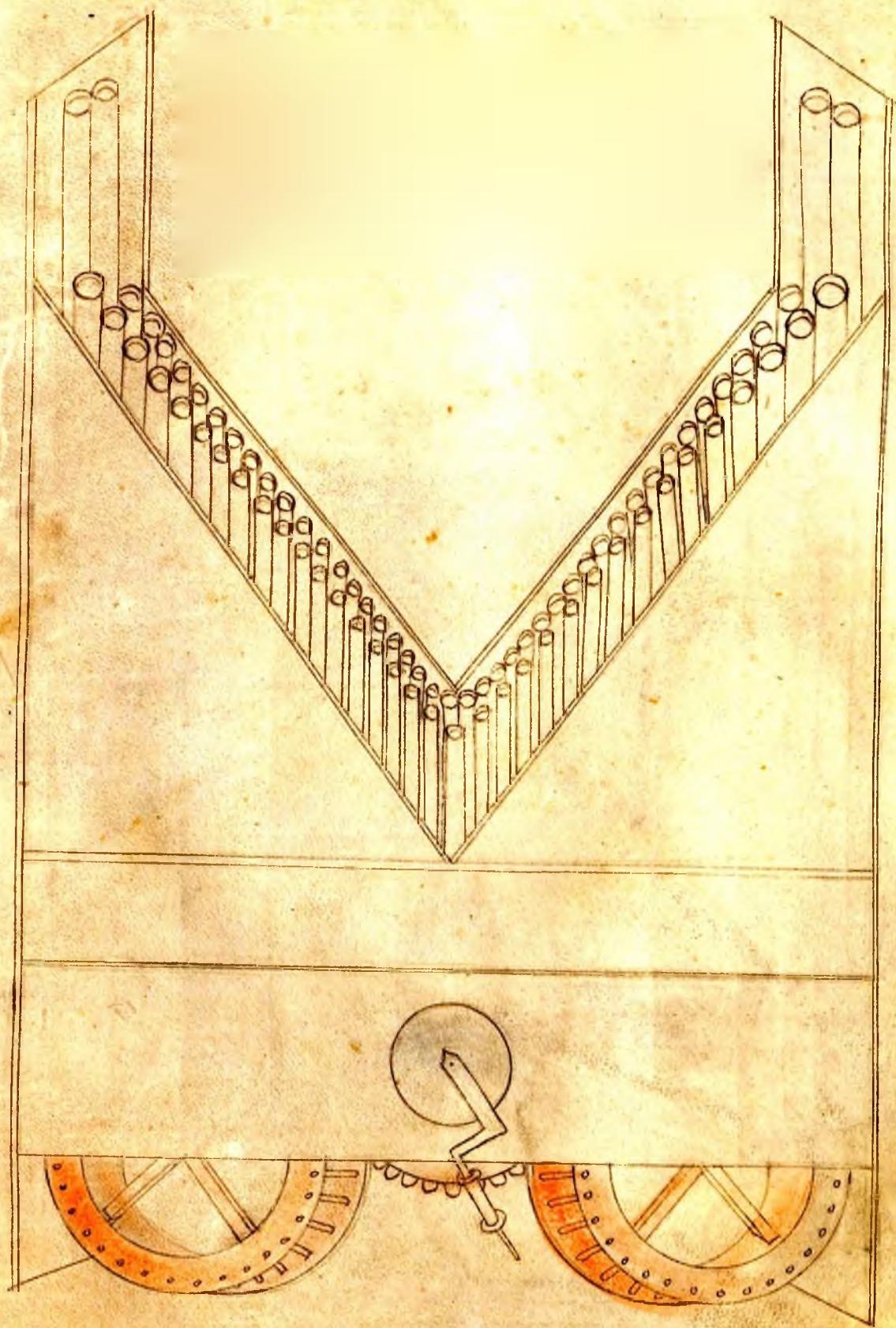
Veneris ista est lumen se implet et evanescit. hoc est quod infra ea exit per superiorem ingreditur. et sic est circulatio.

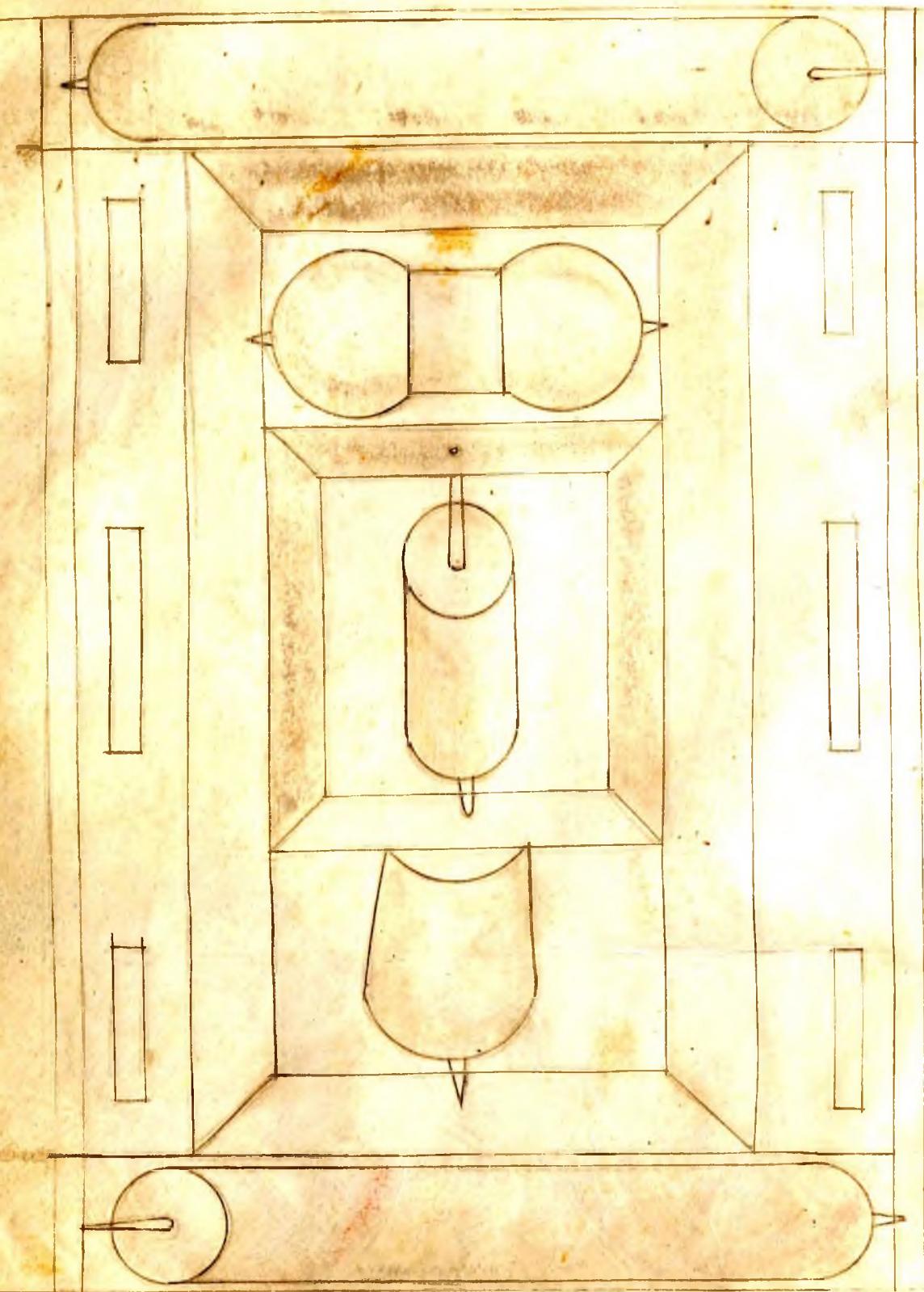
De quibus dicitur quod sanguis secundum secundum leviter
et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter
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et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter
et per leviter et per leviter leviter leviter leviter leviter



Organicum Lqa qubq qoabAd kqbg ub o
ugbq dgop qqgo qo-g-o ggav bv qqbg og bv
sobg qo-gog so qobg bv qo-gog og ugbo
pows ogog bv poog bv qo-gog bv bv qo-gog bv
og qo-gog og po qqbg bv qo-gog bv bv qo-gog bv
qqbg og bv qqbg bv qo-gog bv bv qo-gog bv
pobg bv qqbg bv qo-gog bv bv qo-gog bv
qqbg bv qqbg bv qo-gog bv bv qo-gog bv



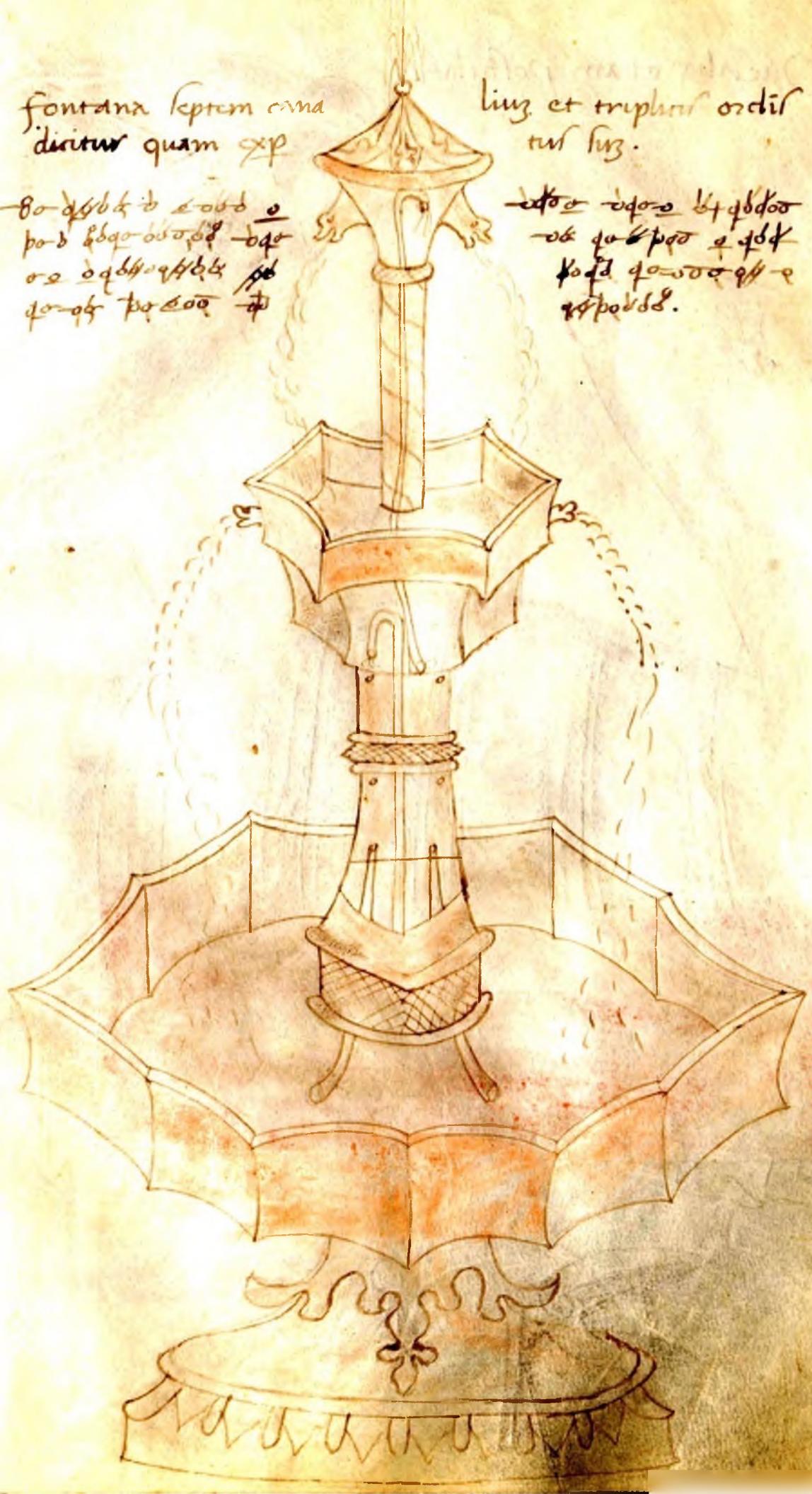




fontana septem cina
dicitur quam exp

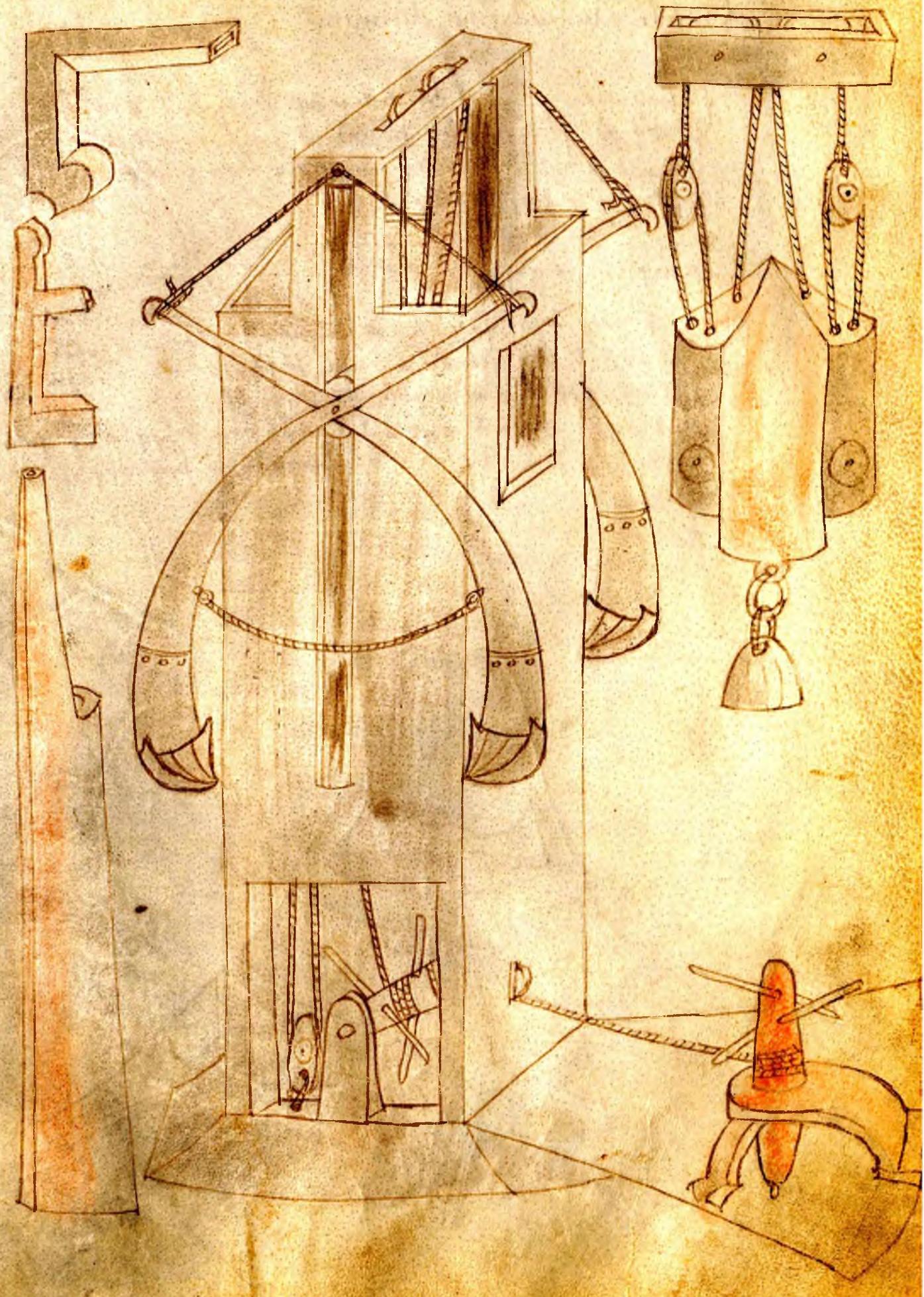
linz et triplius ordi-
nus sus.

et
-8o-q6b4- b-600- o
-b-6b90-66,68- b-60-
o-6-6q64-9464- b-6-
q-6-6- b-600- b-



Puerilis etiam postulasti



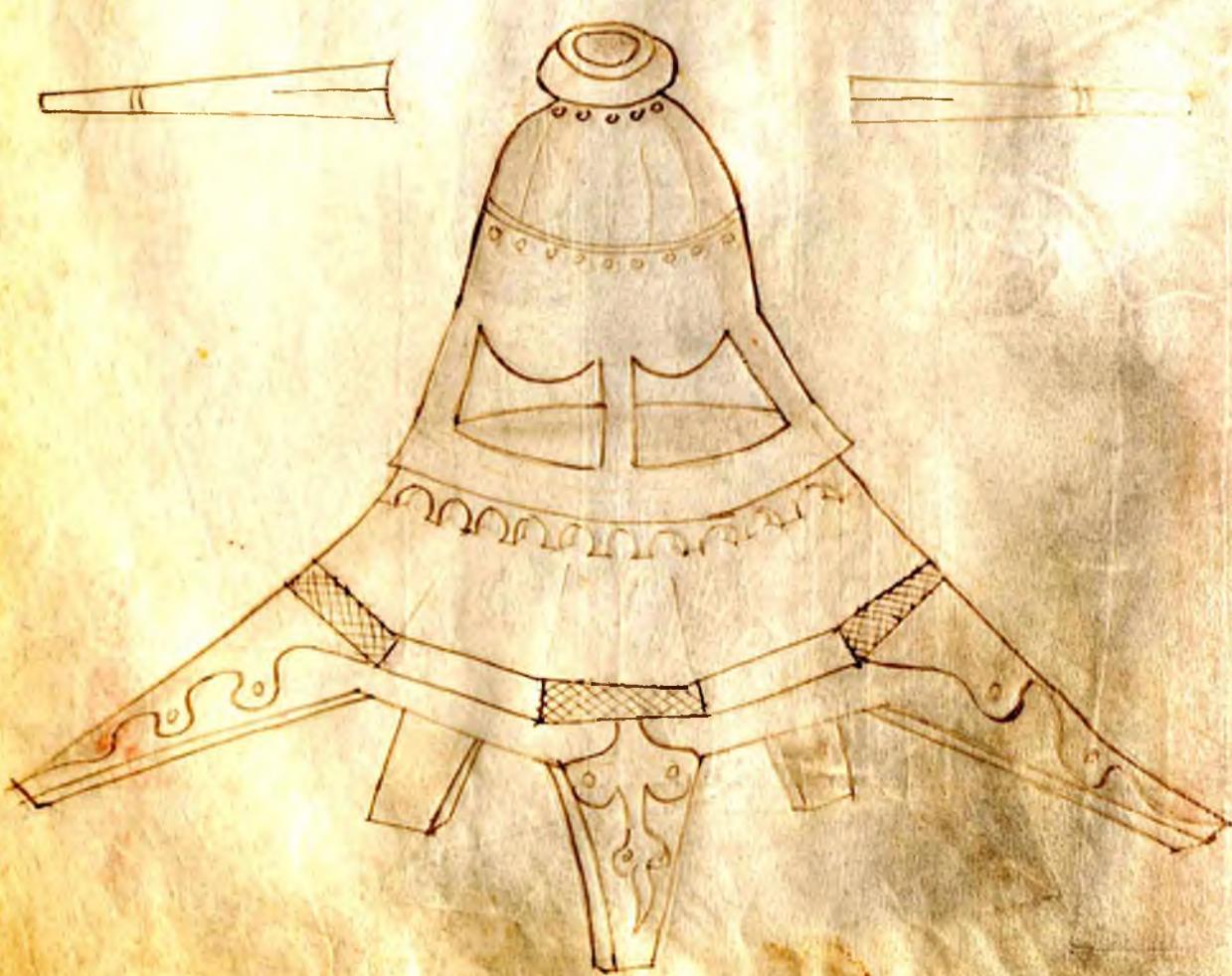


Grmte aliusburda sic dicuntur.

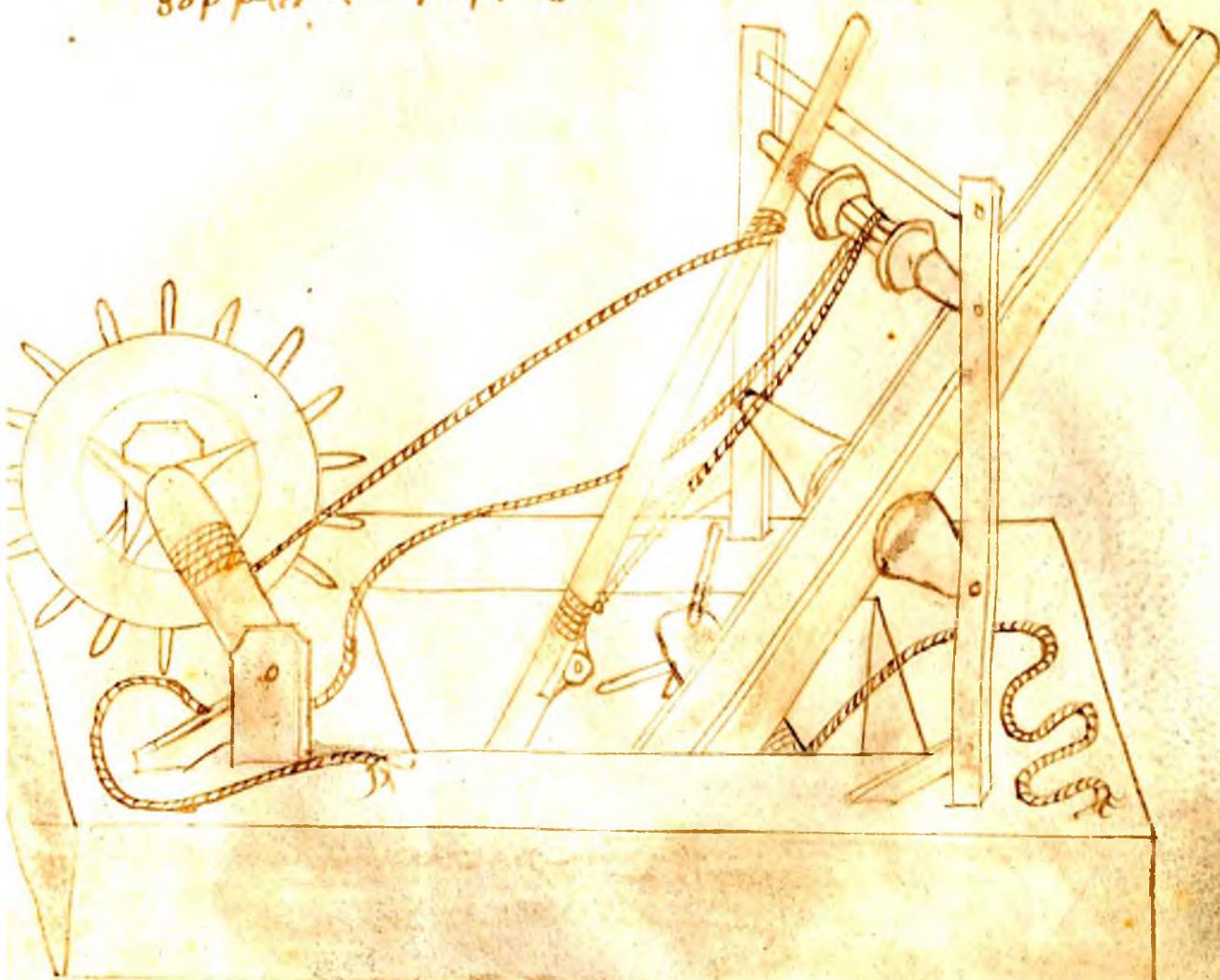
¶ *Expositio de aliisburda. Aliusburda est sacerdos quod dicitur a sacerdotibus et presbiteris quod dicitur a presbiteris et diaconis quod dicitur a diaconis et subdiaconis quod dicitur a subdiaconis et portacibis quod dicitur a portacibis.*

Campana egyptiaca.

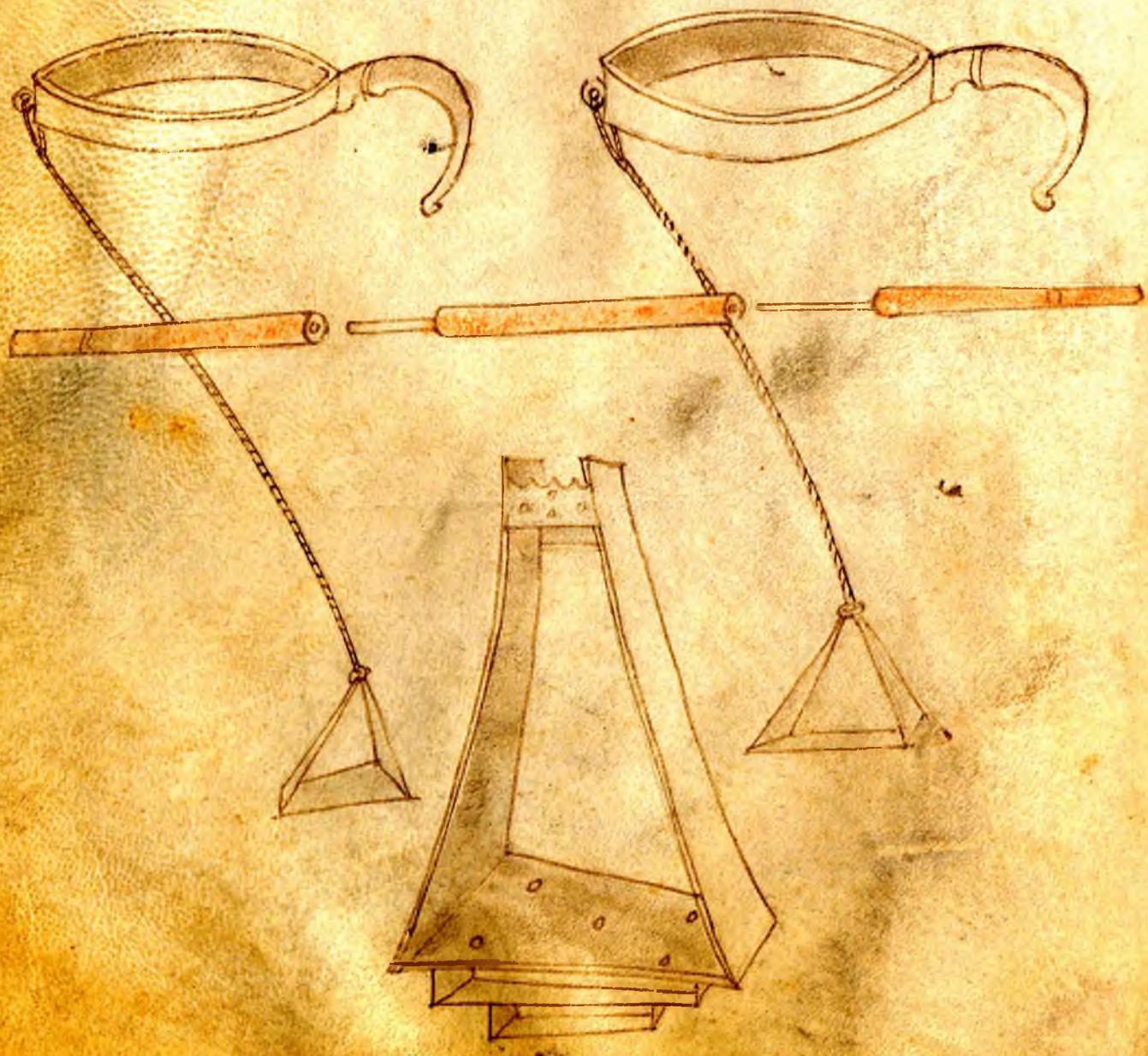
Quia si aliisburda. Aliusburda quod dicitur a sacerdotibus et presbiteris et diaconis et subdiaconis et portacibis quod dicitur a portacibis.

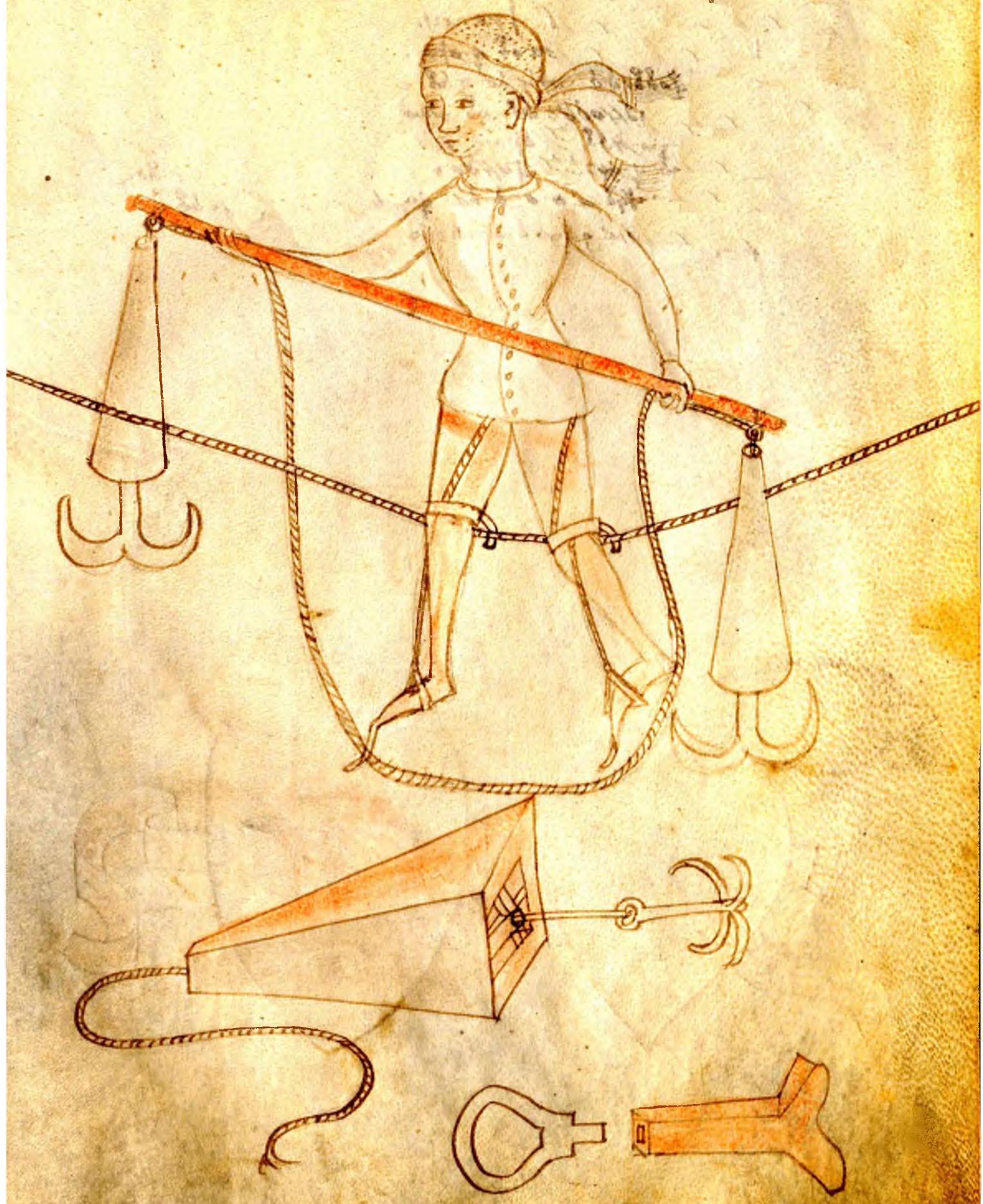


6 սօս գ ա մ ս վ ի բ ա շ ե տ ա յ կ զ ե լ ե ր դ ե ւ ե ց ք ք
ա ս ո ս պ վ ե ս օ ր ե զ զ ո ւ մ ծ օ զ ո ւ ս ա հ ի թ ե ց ի զ ո ւ
չ ո ւ մ ե ր ա ս օ ր ե չ ս ո ւ յ ժ ե ր ա ս օ ր ե թ ե ց ա ր ե լ
պ ե ց ա ր ե լ զ ո ւ մ ս ո ւ յ թ ե ր ա ս օ ր ե լ զ ո ւ մ ս ո ւ յ թ ե ր ա ս օ ր ե լ
զ ո ւ մ ս ո ւ յ թ ե ր ա ս օ ր ե լ

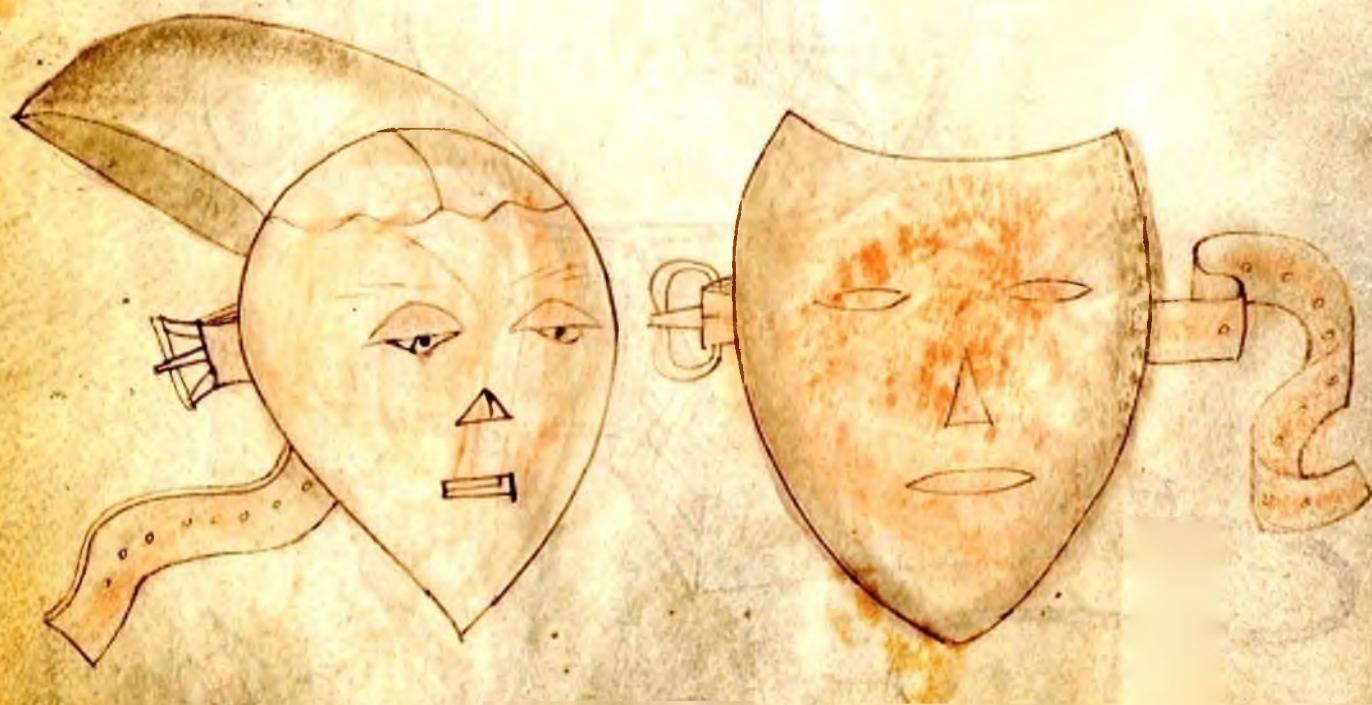


In istis hinc instrumentis portiones descruunt
ad homines qui hoc agunt et quodcumque obiectum
quod est in eis habet et per quod perducuntur et non obie-
tum quod est in eis non potest perducere nisi per
eum. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis. Nam et hoc est quod dicitur. Propter hoc dicitur quod
est in eis.



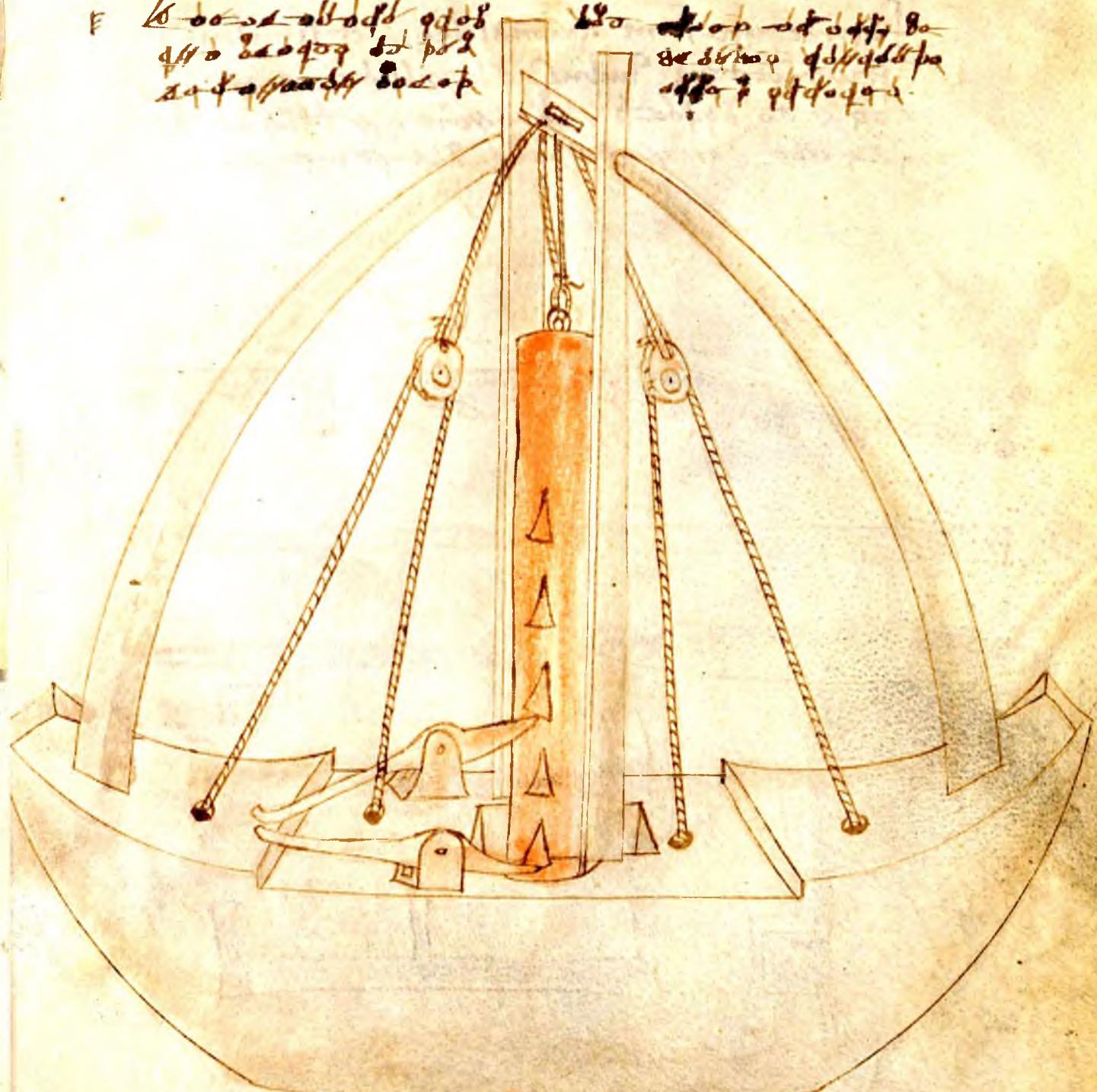


Sophistic fatus francisci 168808
15
168808 dicitur ad se et apud eum. dicitur ad se et apud eum.
et apud eum. et apud eum. et apud eum. et apud eum.
et apud eum. et apud eum. et apud eum. et apud eum.
et apud eum. et apud eum. et apud eum. et apud eum.
et apud eum. et apud eum. et apud eum. et apud eum.
et apud eum. et apud eum. et apud eum. et apud eum.

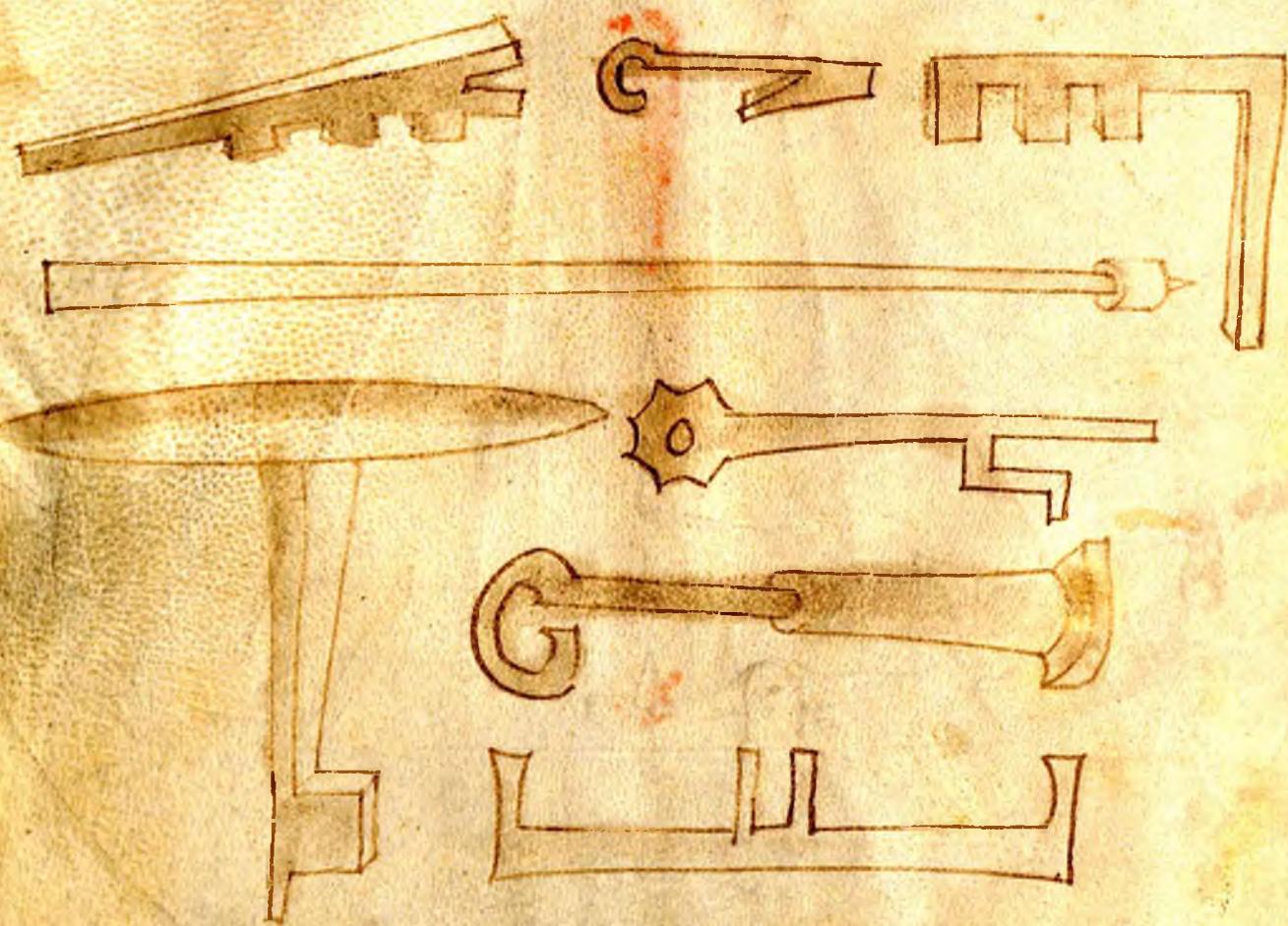


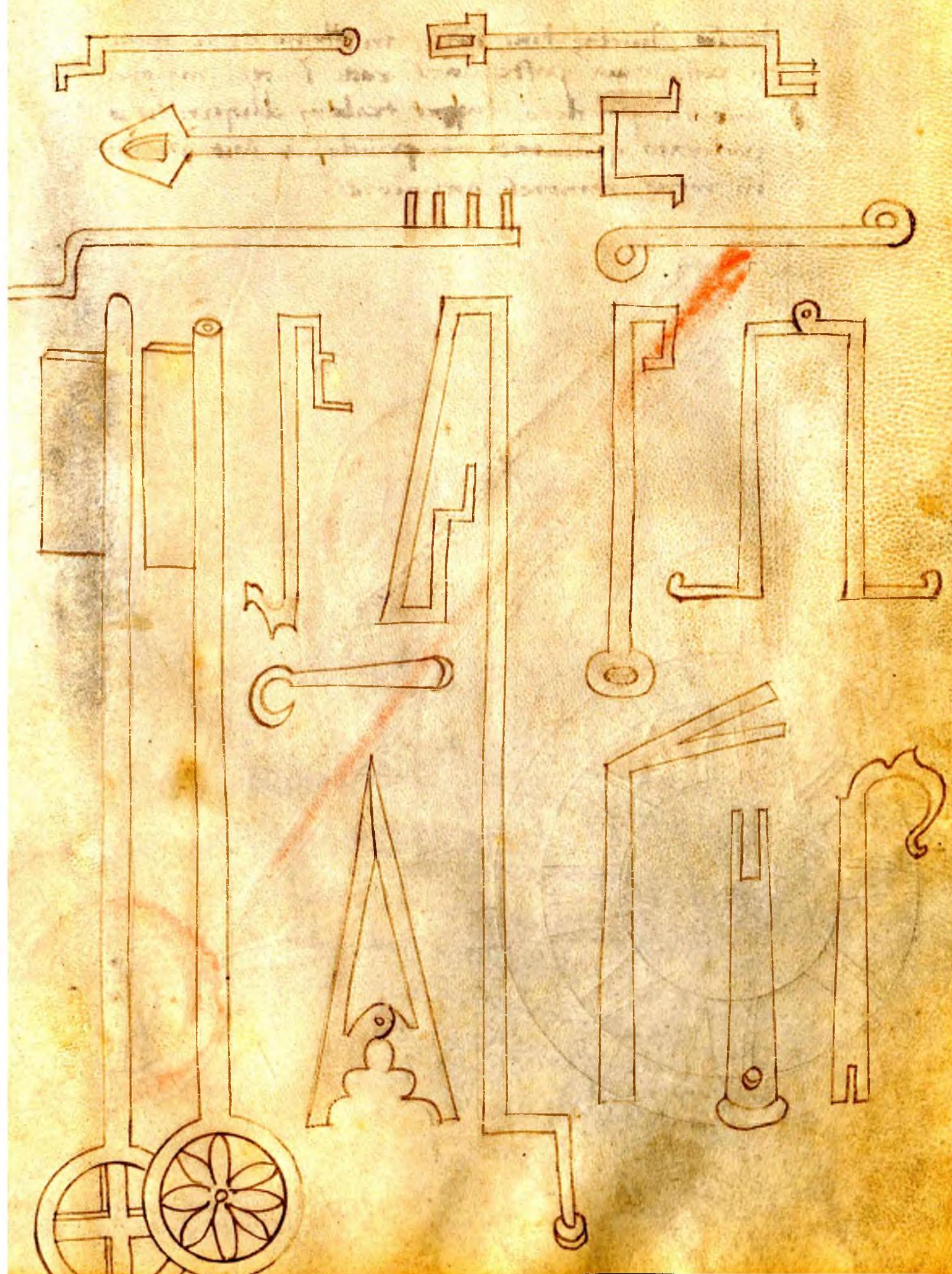
16. ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~
17. ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~
18. ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~ ~~do~~

190 *ad op ad op* 80
80 *ad op ad op*
ad op ad op

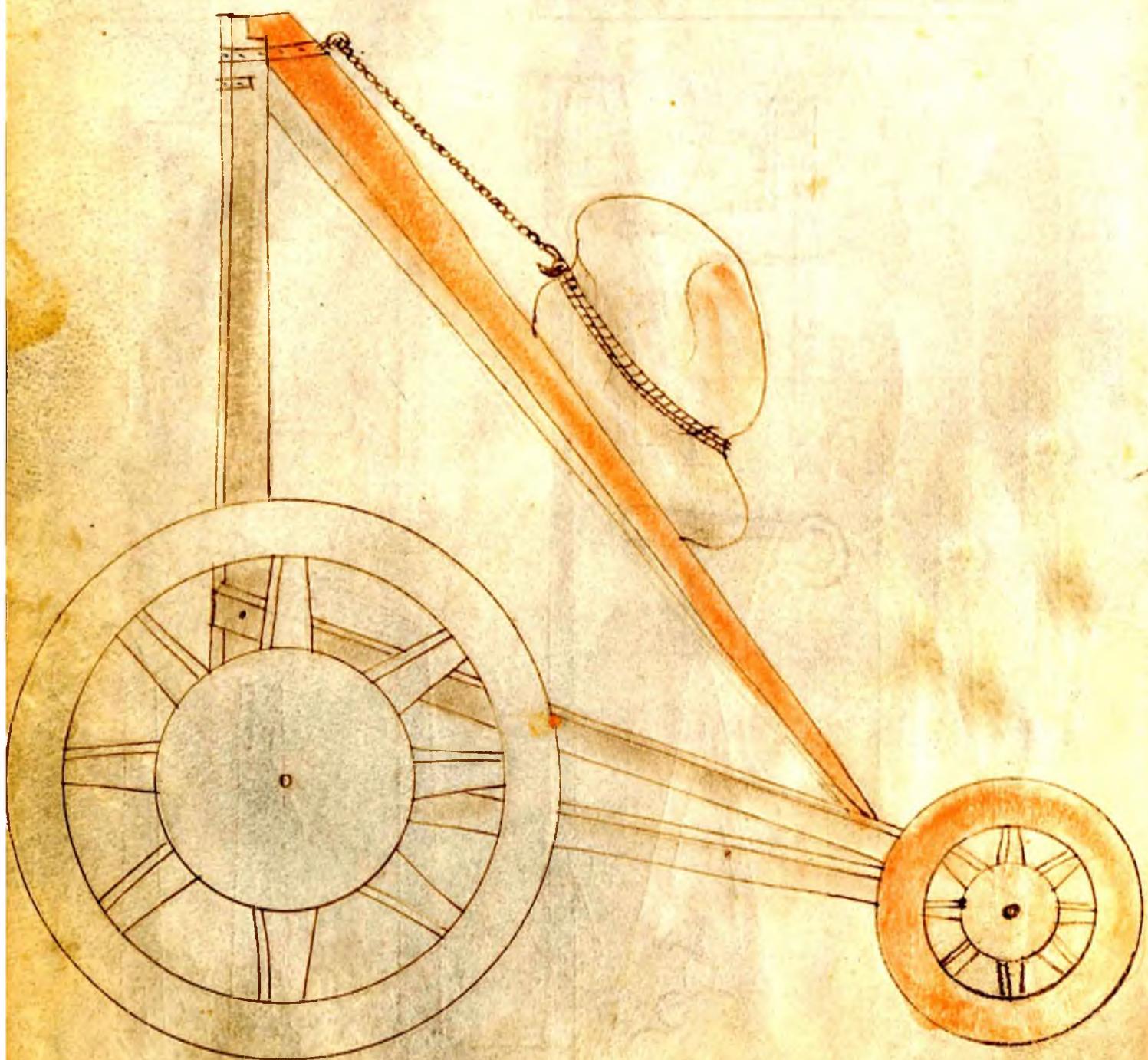


Figuree iste sunt grimaldeoz / et similiorz
1 strumentorum quibus & hoc quod se ad hanc fidem
sq oso dicit / d=opporo oso / d=opporo oso
se bpo + qd oso oso dicit dicit dicit

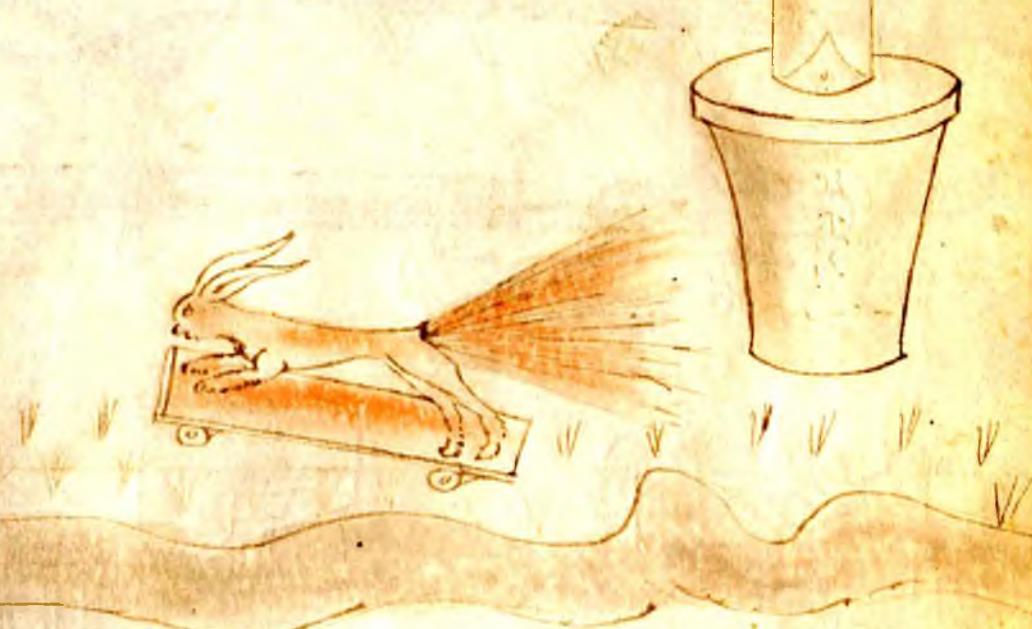
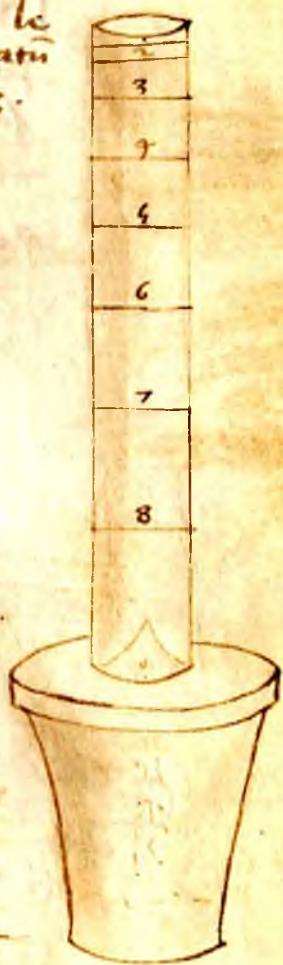




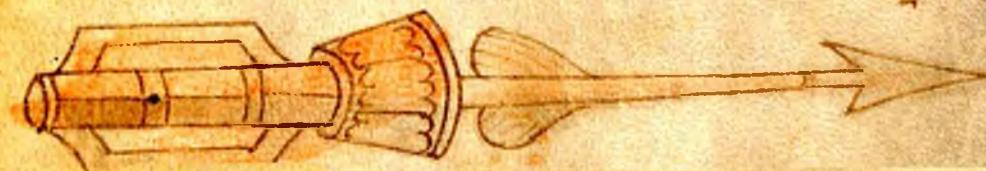
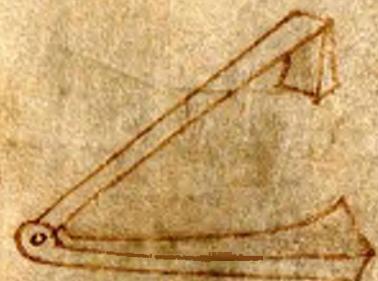
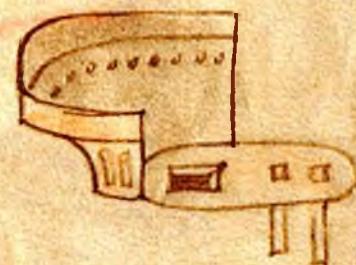
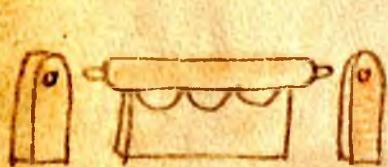
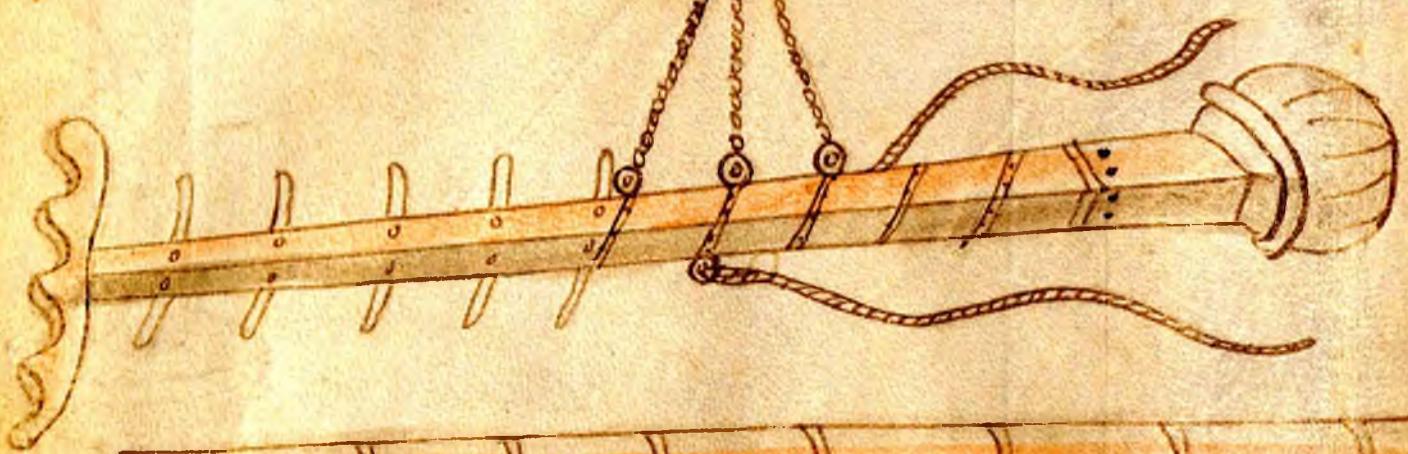
ferunt. Iuidaz huc curvus in plano ex se mouere
nisi posse quia posteriores rotas forte maiores
una cum ponderore super terrenum obliquas sic a
ponderato gravitat et ponderat aut premut
in rotas minores anteriores.

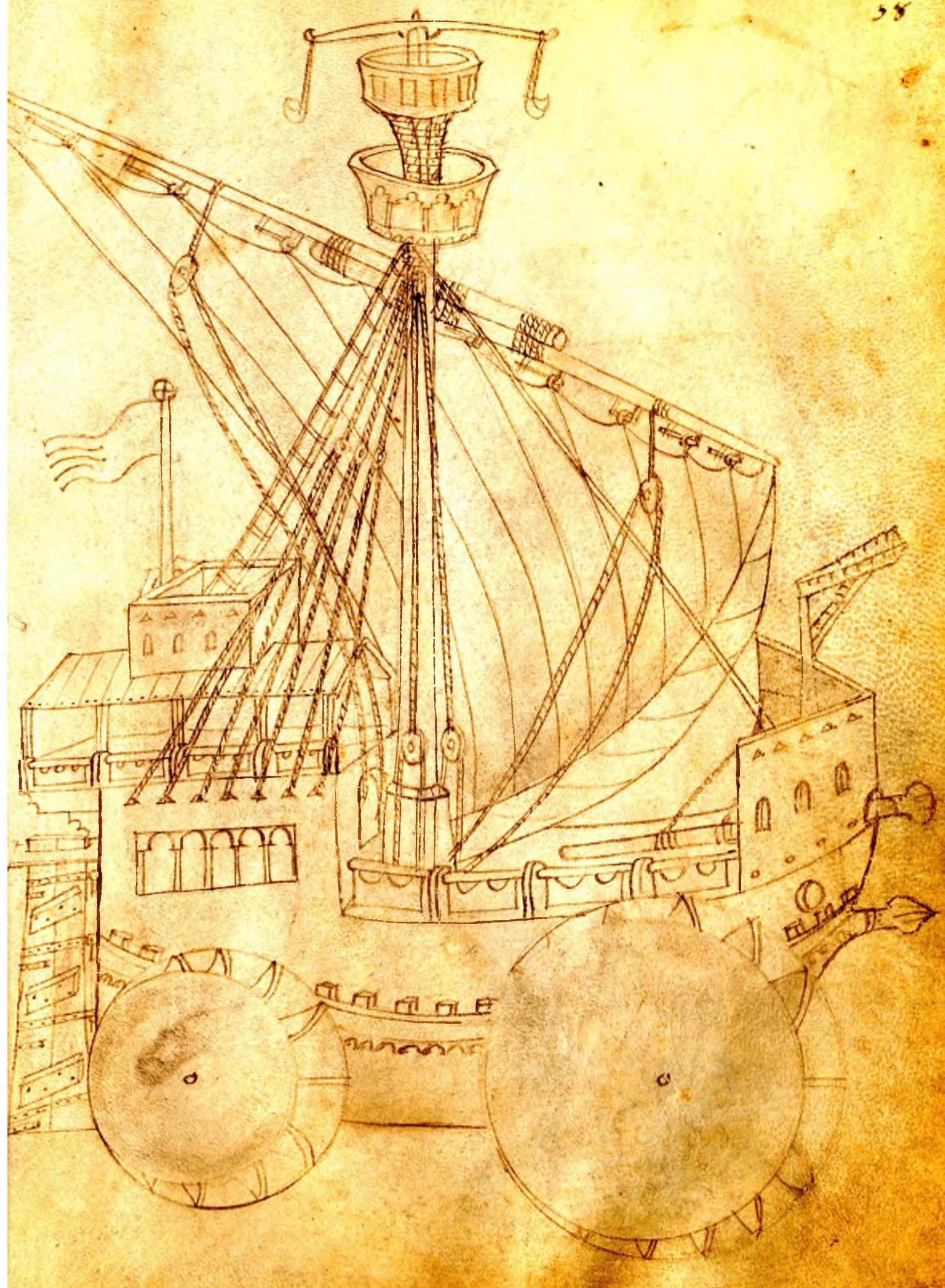


de pisse aue et le
pore bales tractati
meuz suffitentez.

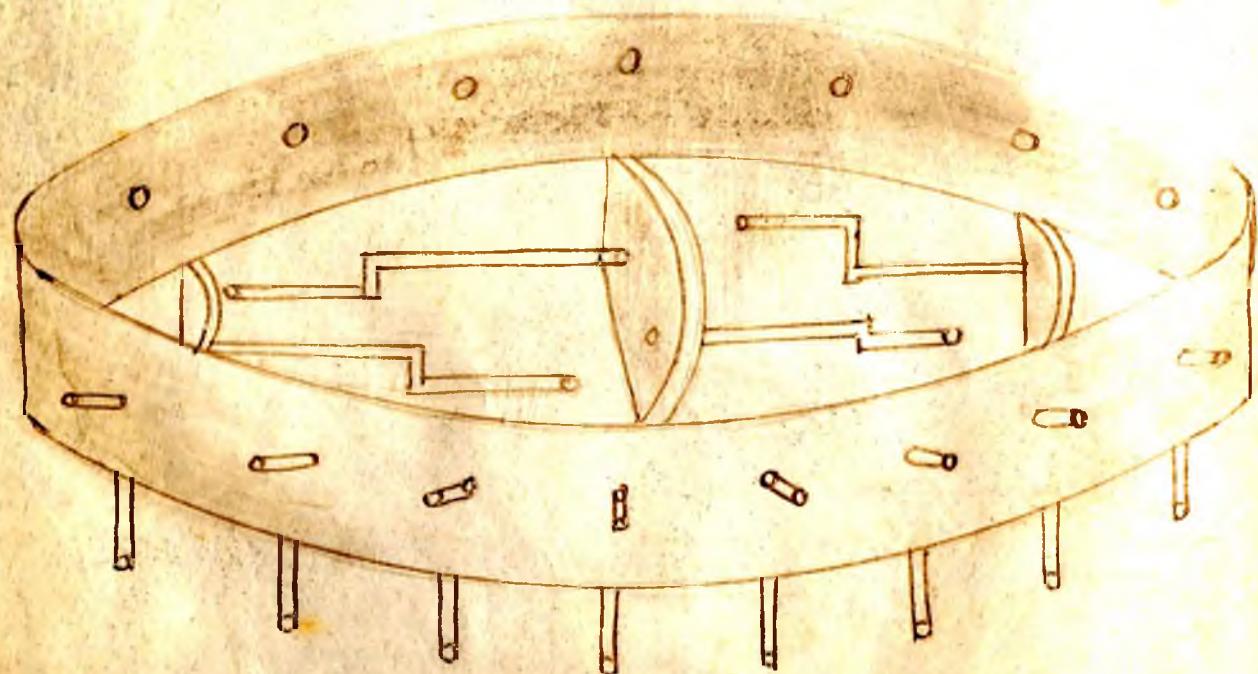
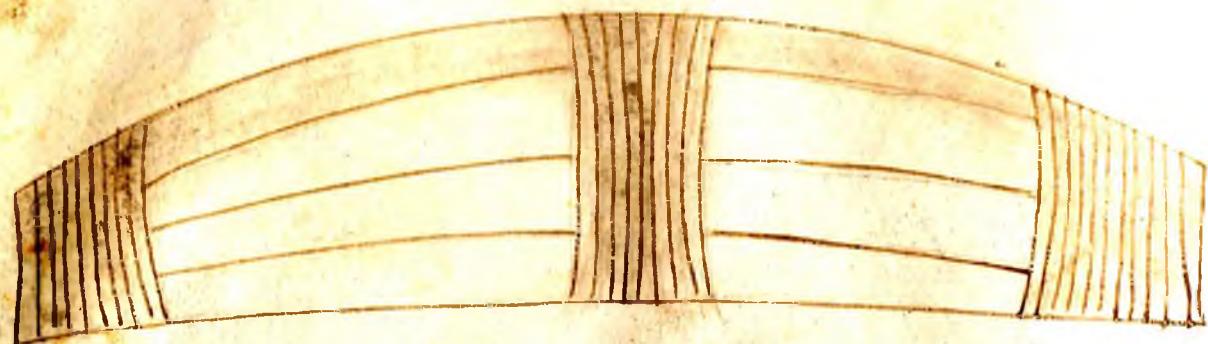


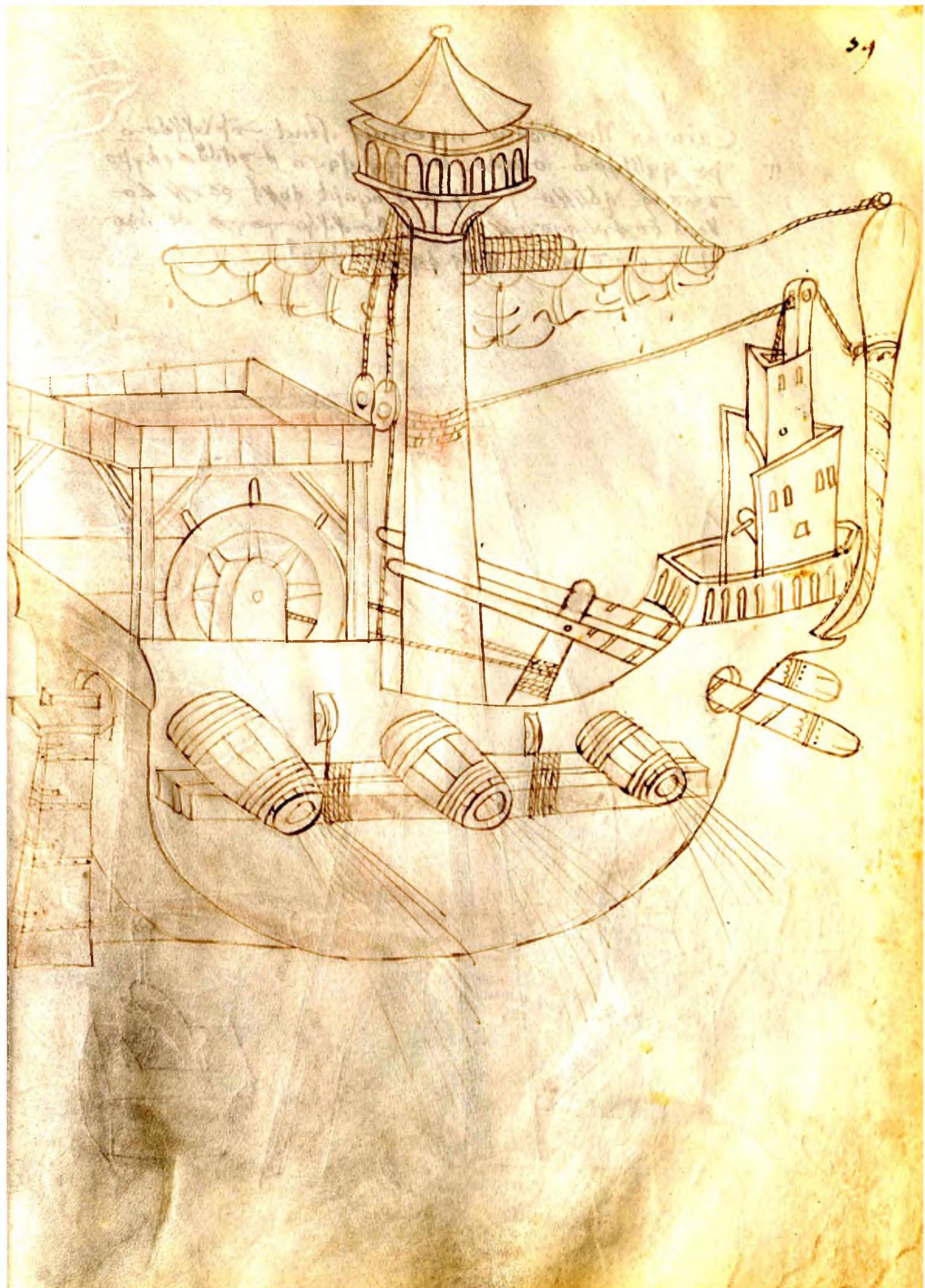
Nauis belliora tuncq[ue] s[unt] q[uod]c[um]q[ue] sit uos
per se uerba q[uod]c[um]q[ue] p[ro]p[ter]a tuncq[ue] e[st] q[uod]
q[uod]c[um]q[ue] per se q[uod]c[um]q[ue] p[ro]p[ter]a tuncq[ue] e[st] q[uod]
tuncq[ue] a q[uod]c[um]q[ue] m[od]o tuncq[ue] a q[uod]c[um]q[ue] m[od]o
q[uod]c[um]q[ue] a q[uod]c[um]q[ue] m[od]o tuncq[ue] a q[uod]c[um]q[ue] m[od]o



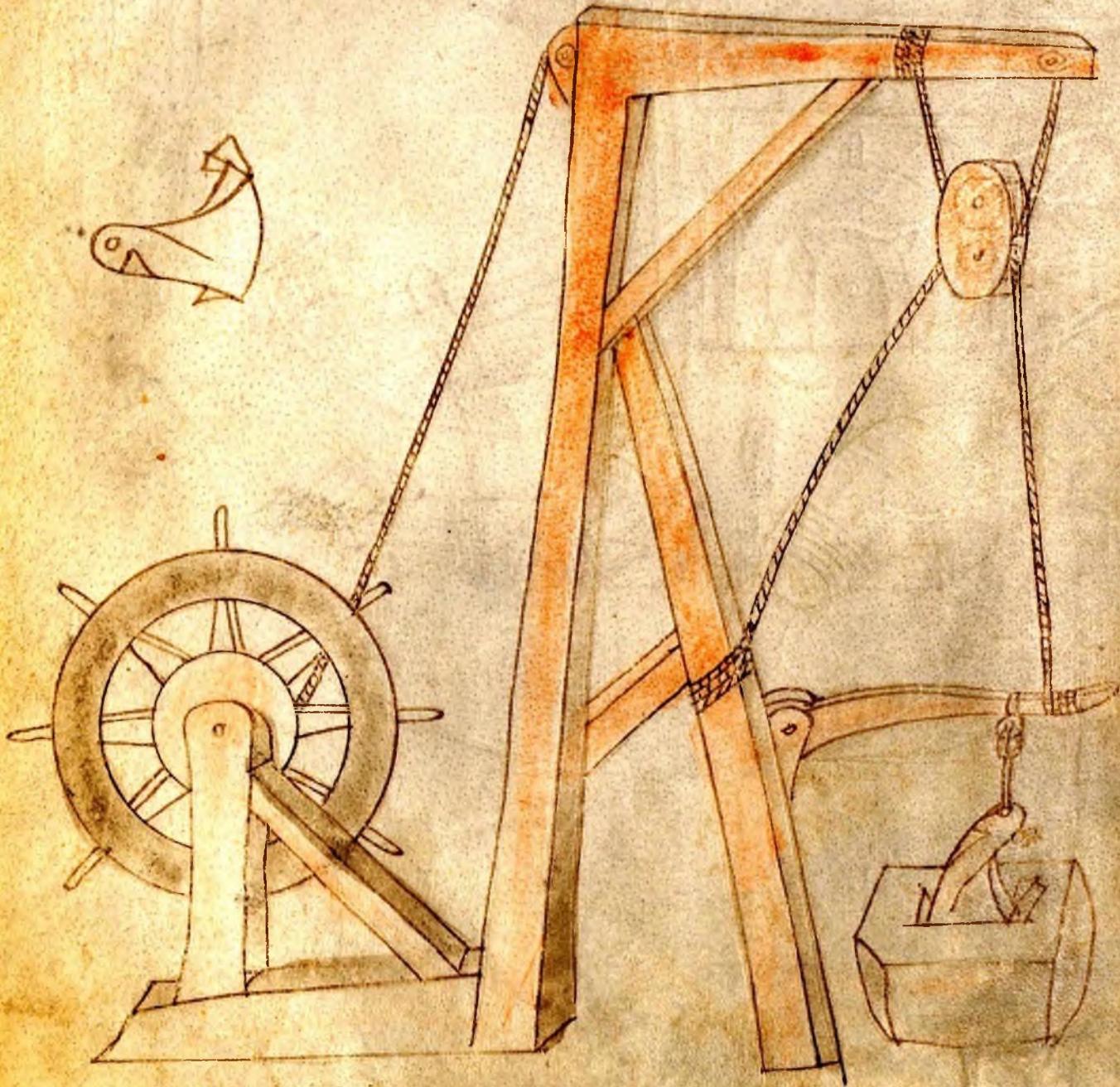


Huius bellius et est differentia priori veritate
mez si exhibet duobus unius fiat exitus ingenius mirabilis
ualeat factis preciis marum.



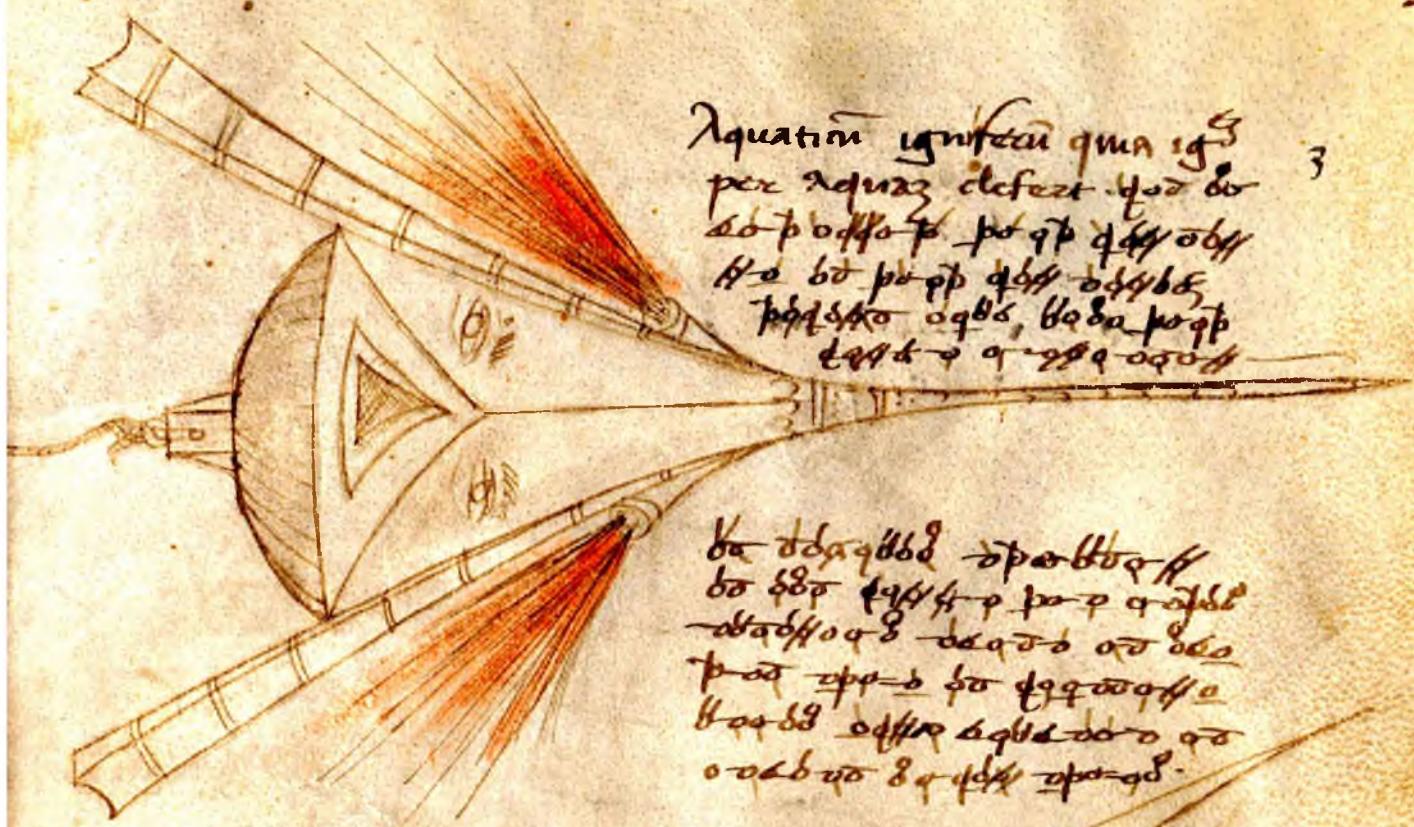


11 Cironia Nominatur ingenius. Itud. ~~στοιχεῖον~~
τοῦ θεοῦ τοῦ πατέρος. οὐδέποτε πάντη φέρεται τὸ γένος τοῦ θεοῦ
τοῦ πατέρος. οὐδέποτε πάντη φέρεται τὸ γένος τοῦ θεοῦ τοῦ πατέρος.
καὶ τοῦ θεοῦ τοῦ πατέρος τὸ γένος τοῦ θεοῦ τοῦ πατέρος.
τοῦ θεοῦ τοῦ πατέρος τὸ γένος τοῦ θεοῦ τοῦ πατέρος.

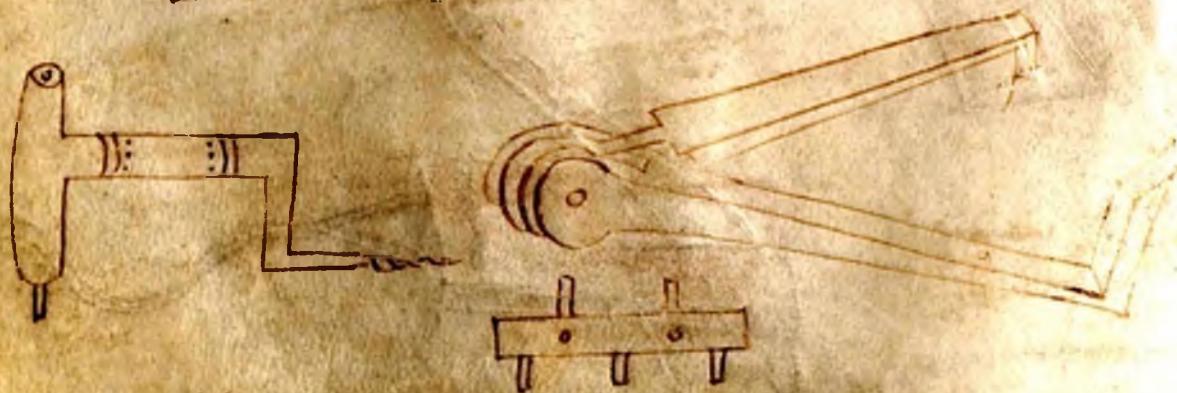
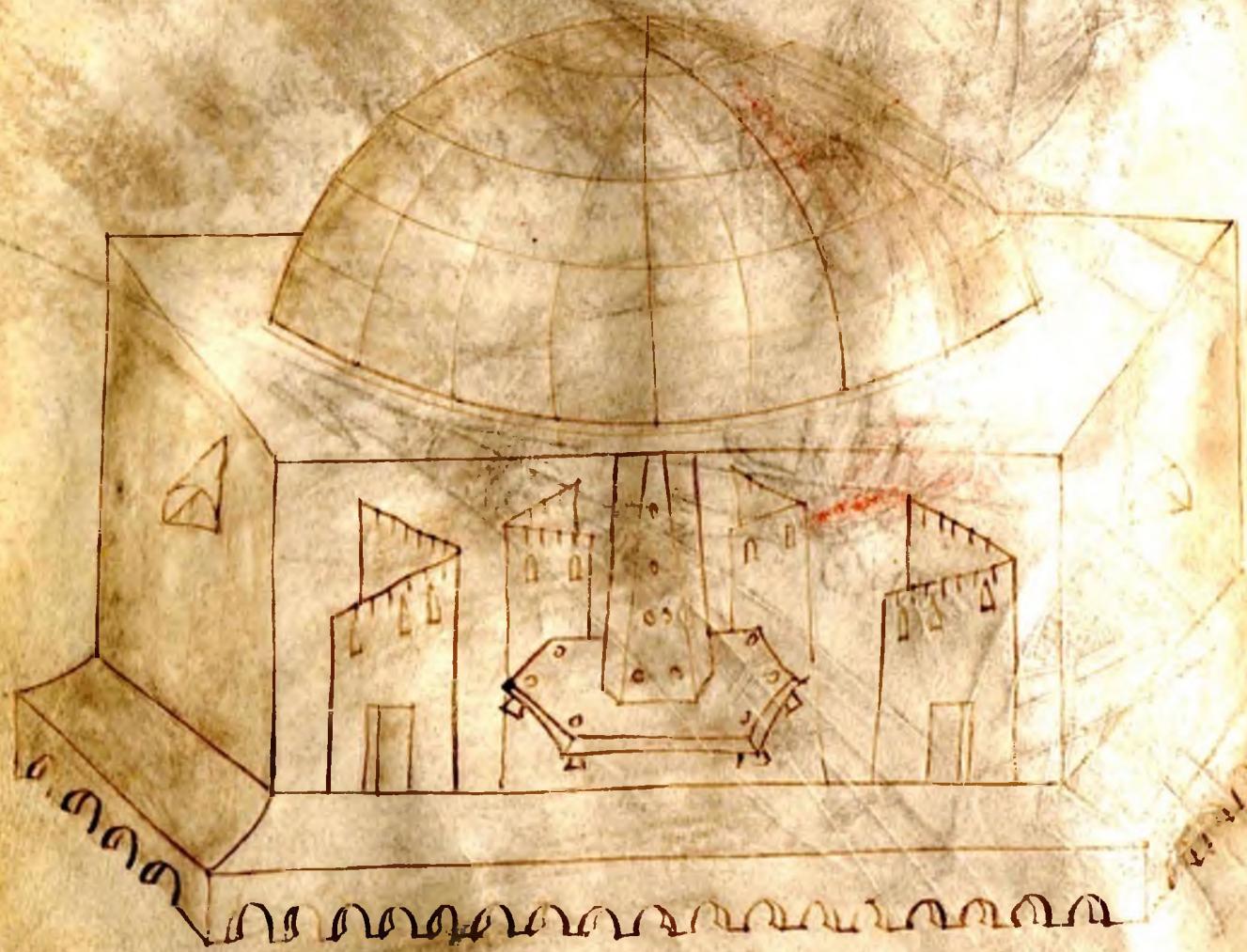


Aquation igniferum quia est
per aquas defensum. Quod de
se proposito per potum quod dicitur obvi
Hoc est propter quod dicitur obviandum
proposito quod est, unde potum
dicitur et quod dicitur obviandum.

Quod dicitur obviandum
de flosque flosque
de flosque flosque flosque
de flosque flosque flosque
de flosque flosque flosque
de flosque flosque flosque.

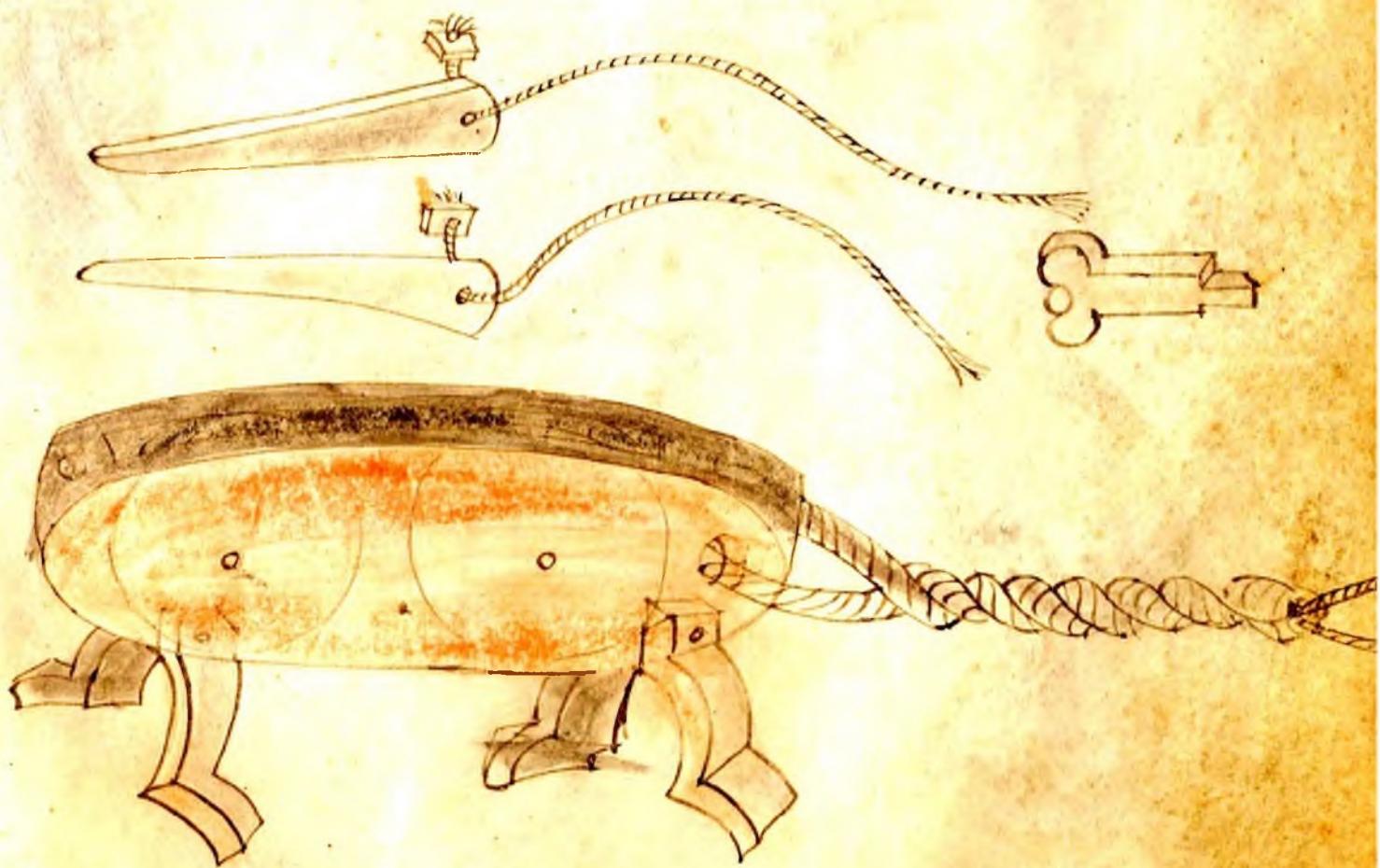


I emplez faire faire celle cui unies est de de
que le que de pte de pte et qd qd de d'apte pte
que de qd qd de qd qd de qd qd de qd qd
que de qd qd de qd qd de qd qd de qd qd
que de qd qd de qd qd de qd qd de qd qd
que de qd qd de qd qd de qd qd de qd qd



Puella alia magistris in toto opere instrumentis fabricata
duplici rotella trahit in ea proportione qua se habet ad
alias precisa libri immediatas manete eadegz potentia per
sonaruz:

donedobzque b^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r
q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r q^r



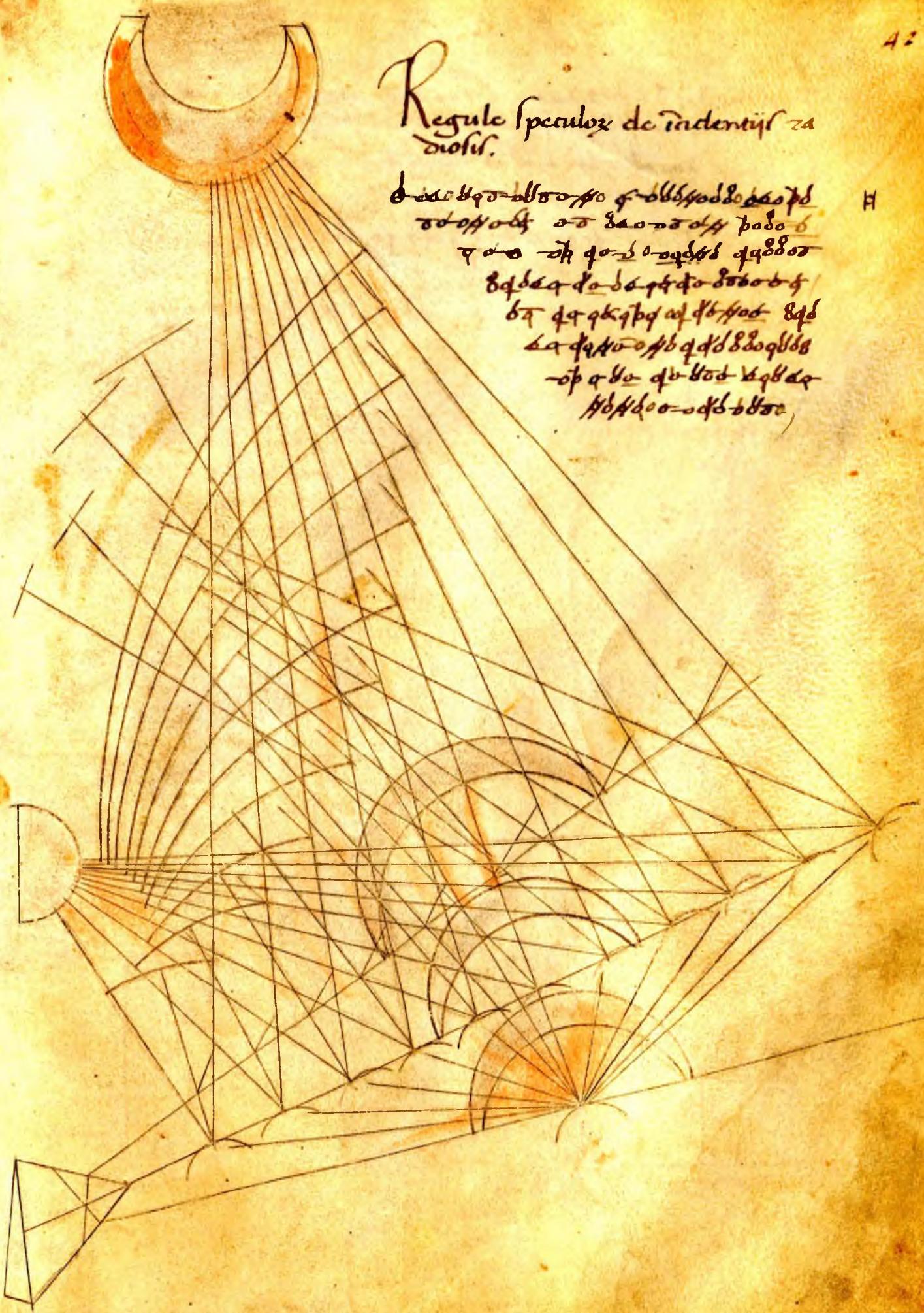
¶ Speculus ingemolus et admirabile. Et quod ab
quodque speculo videtur processus ut auctoritate
quod est in speculo videtur. Speculum vero videtur
tunc et quod est obiectum
auctoritate speculi videtur. Et
quod est in speculo videtur processus
et videtur quod est in speculo videtur
et videtur quod est in speculo videtur

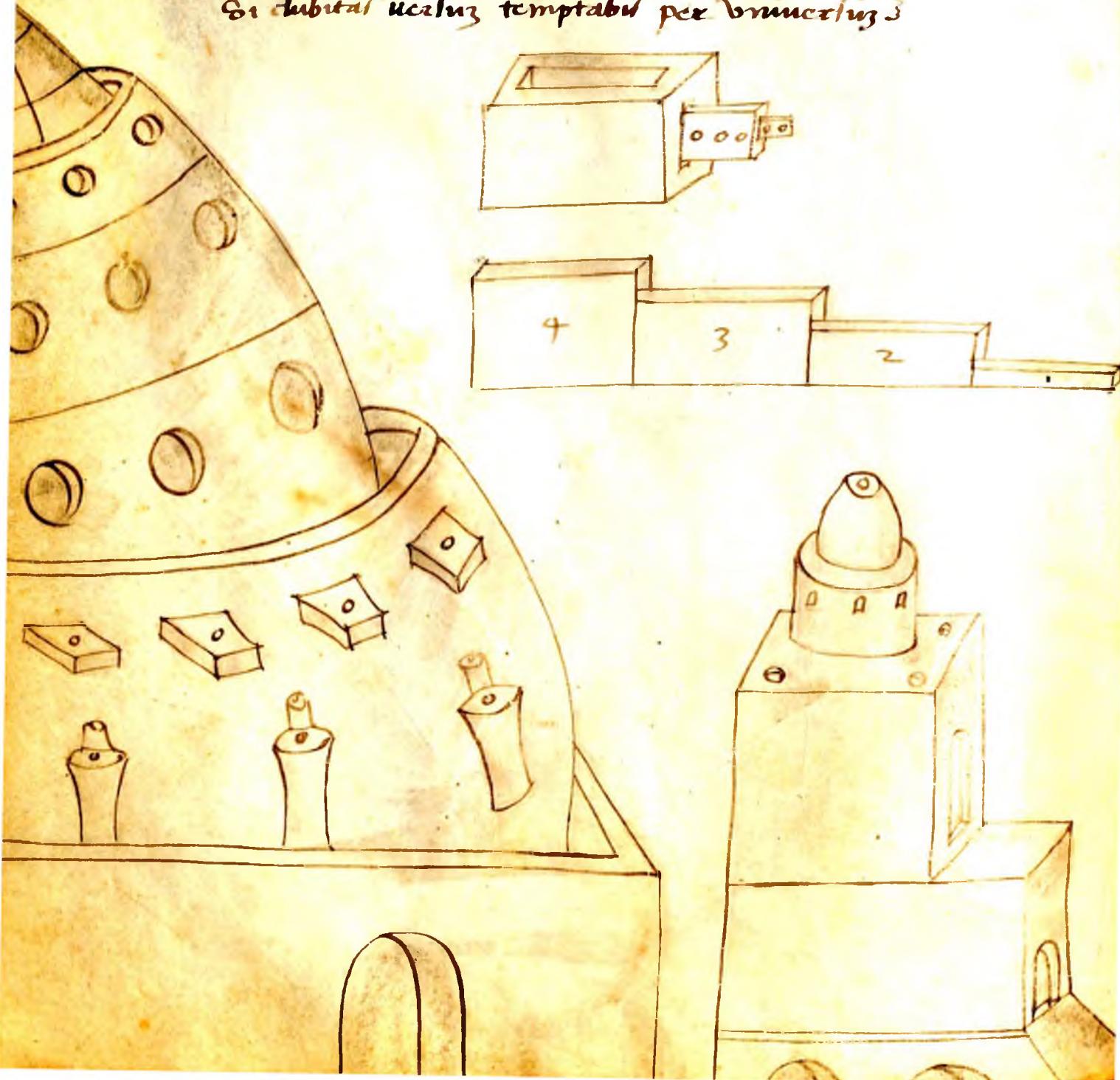


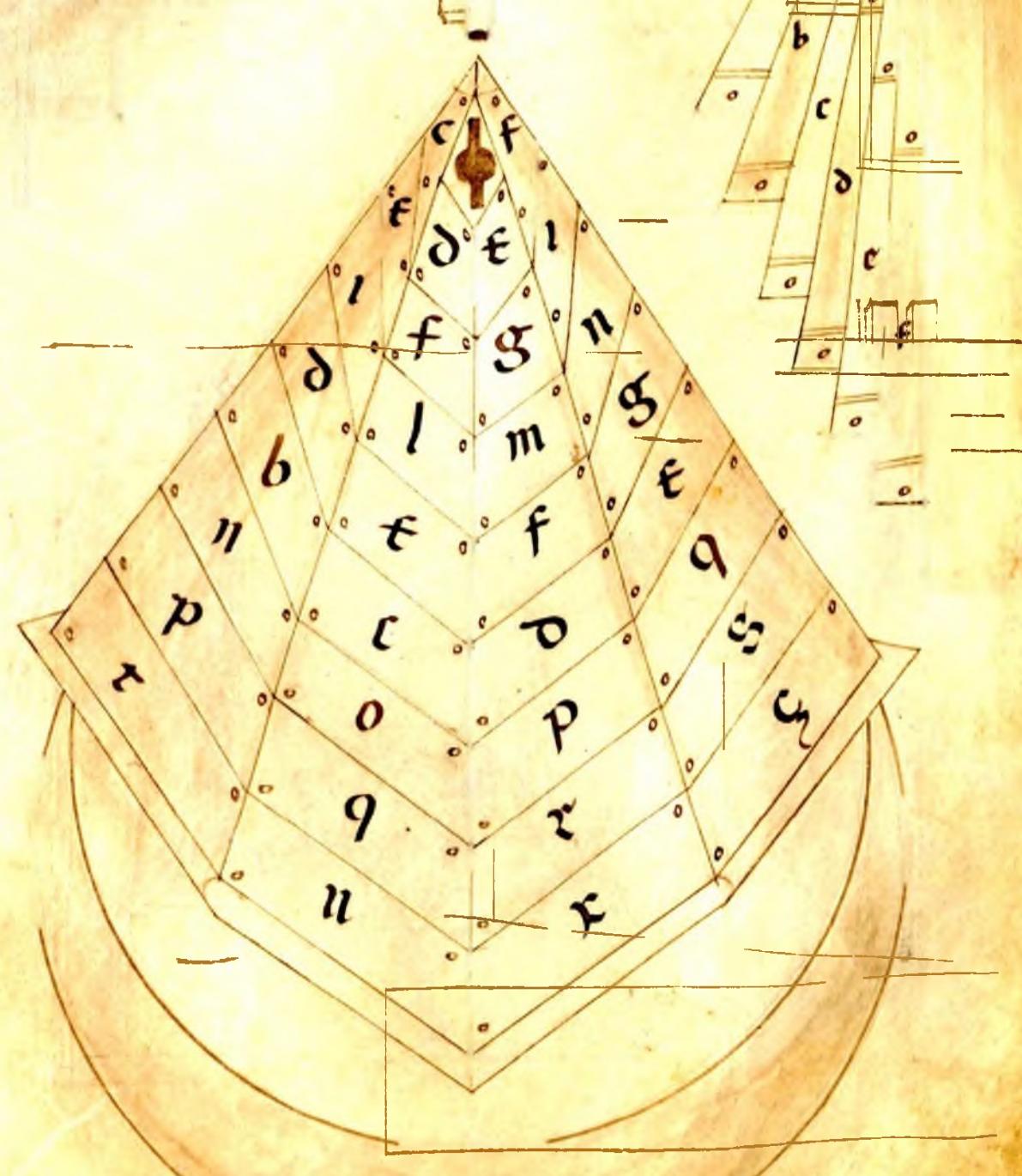
R
Regule Speculorum de incidentiis et
diffusi.

Speculum oblongum quod habet longitudinem
et latitudinem et spissitatem
quod est in quo sit opus eius quod est
speculum ad obliquum per directum
est quod est quod est quod est quod est
laqueum obliquum quod est quod est
opus quod est quod est quod est
oblongum quod est quod est

H

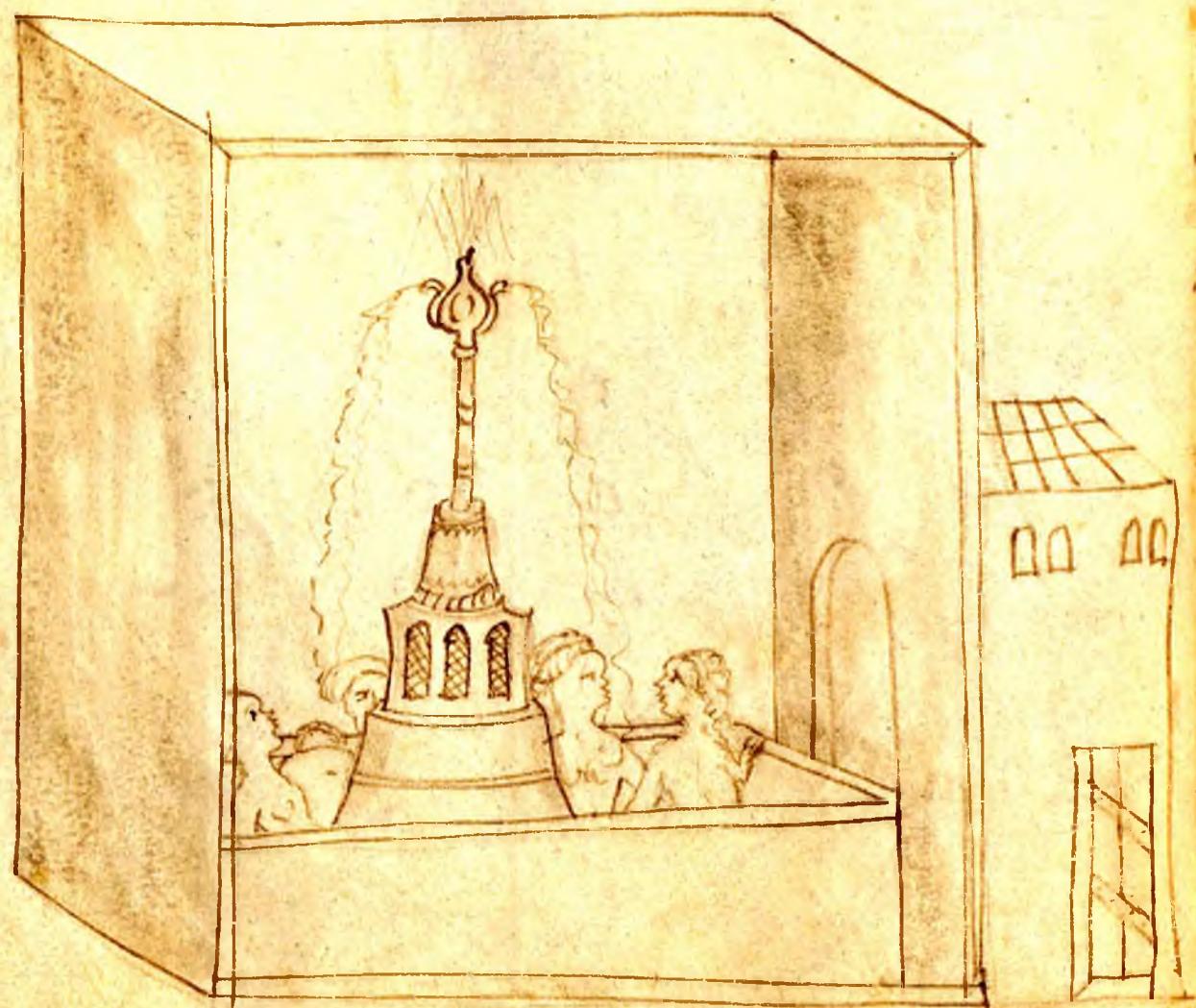


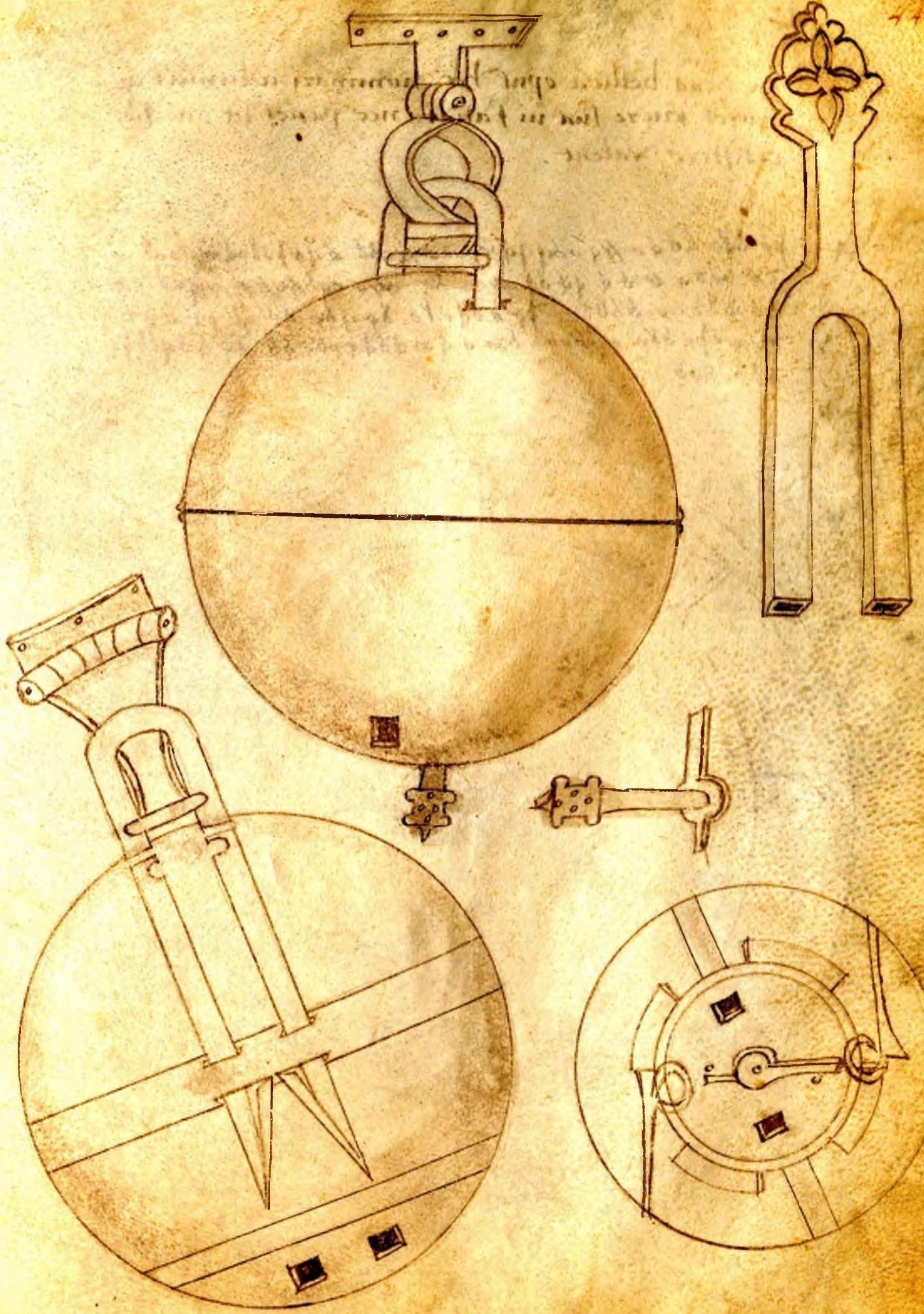




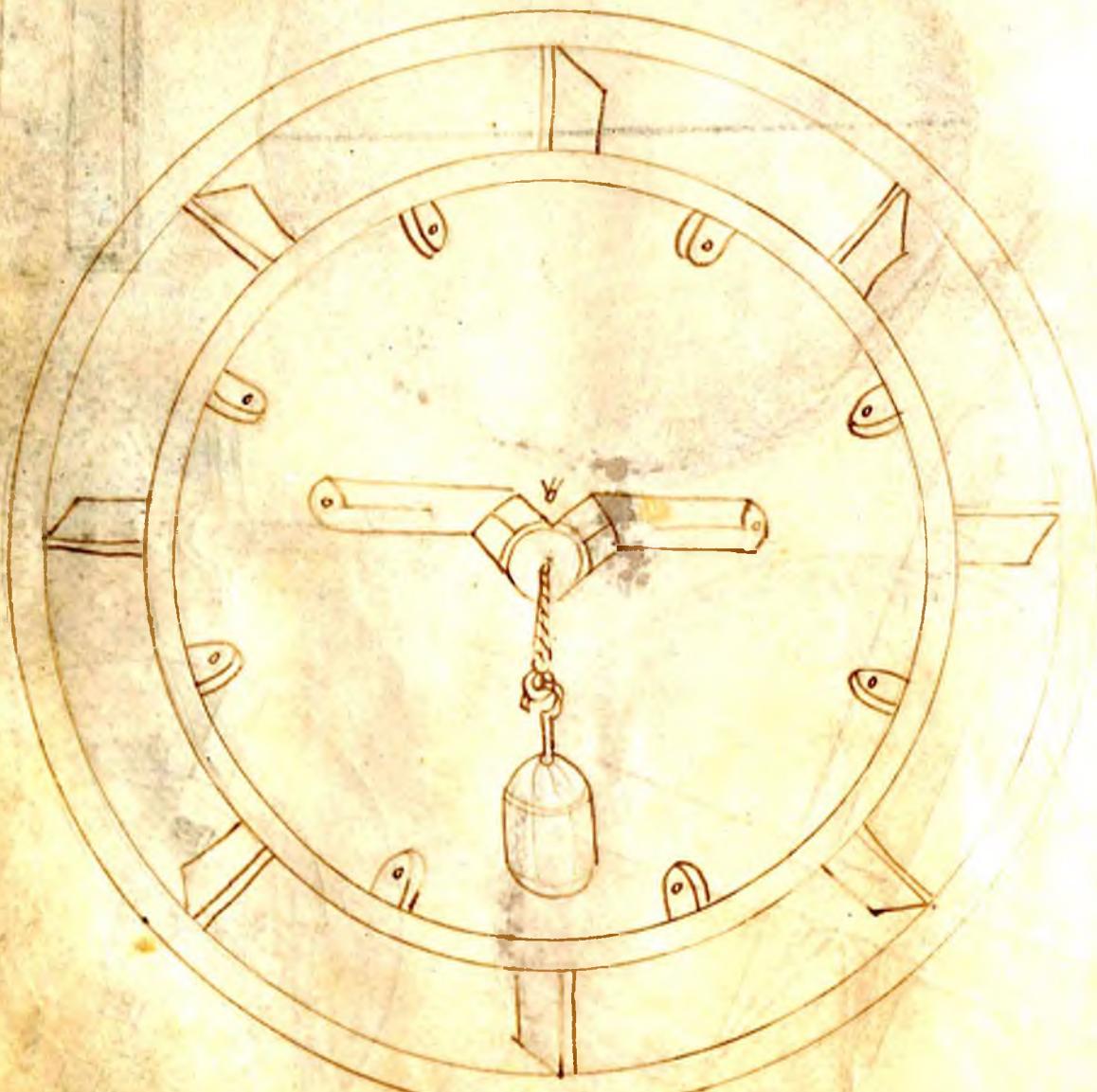
Sons virginis leuis fabricae sed mire pulci
triclinis est. possunt i co puelle balneari et a me
mire uideri.

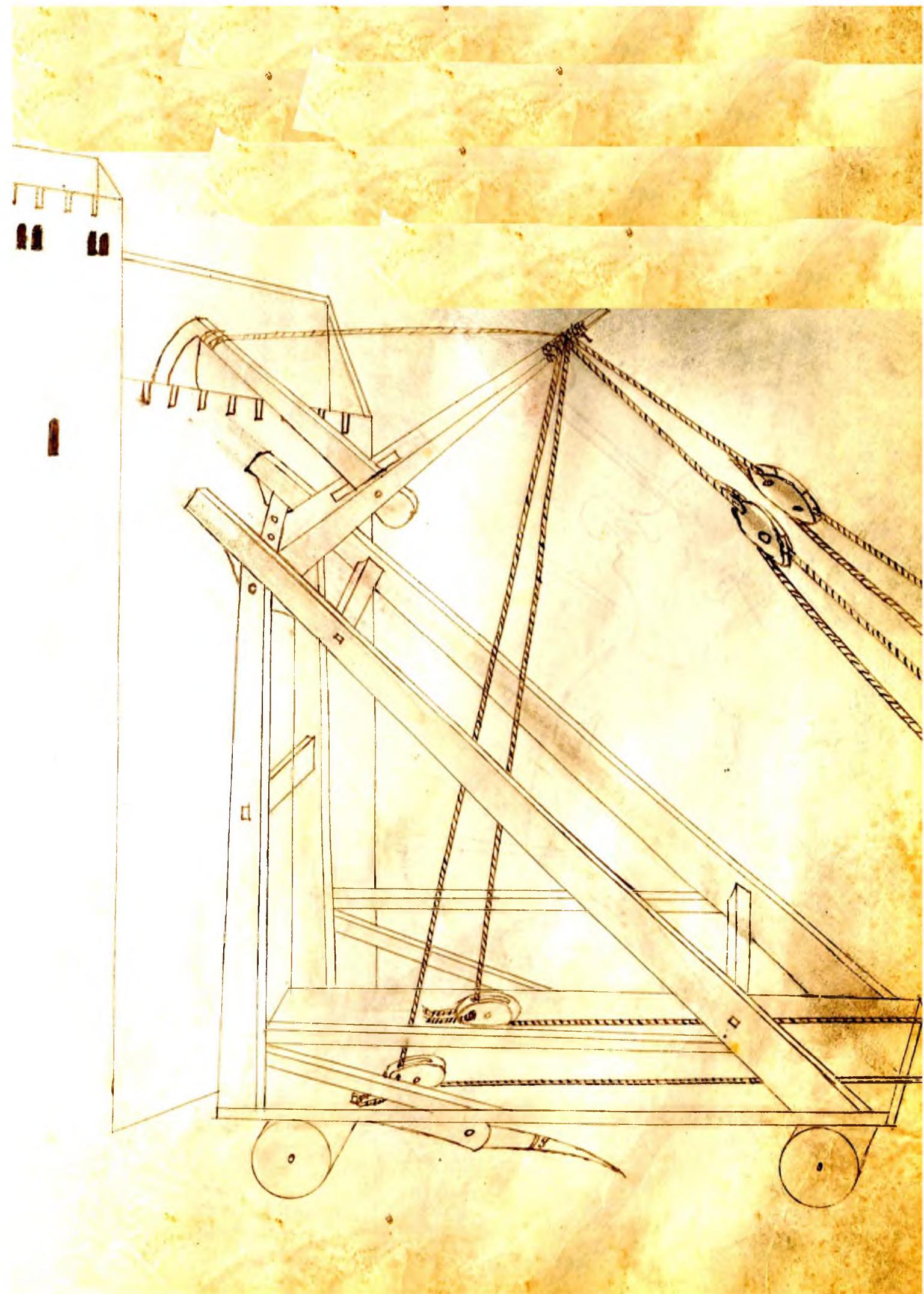
A **D**ecoratio scilicet aqua quod loquuntur de multis
ocorps dolorum aqua per usum quo oboeptos et oboes quod
propter hoc potestur aqua quod est quod de multis doloribus et aliis
malorum quod est propter hoc aqua quod est quod de multis
malorum quod est propter hoc aqua quod est quod de multis





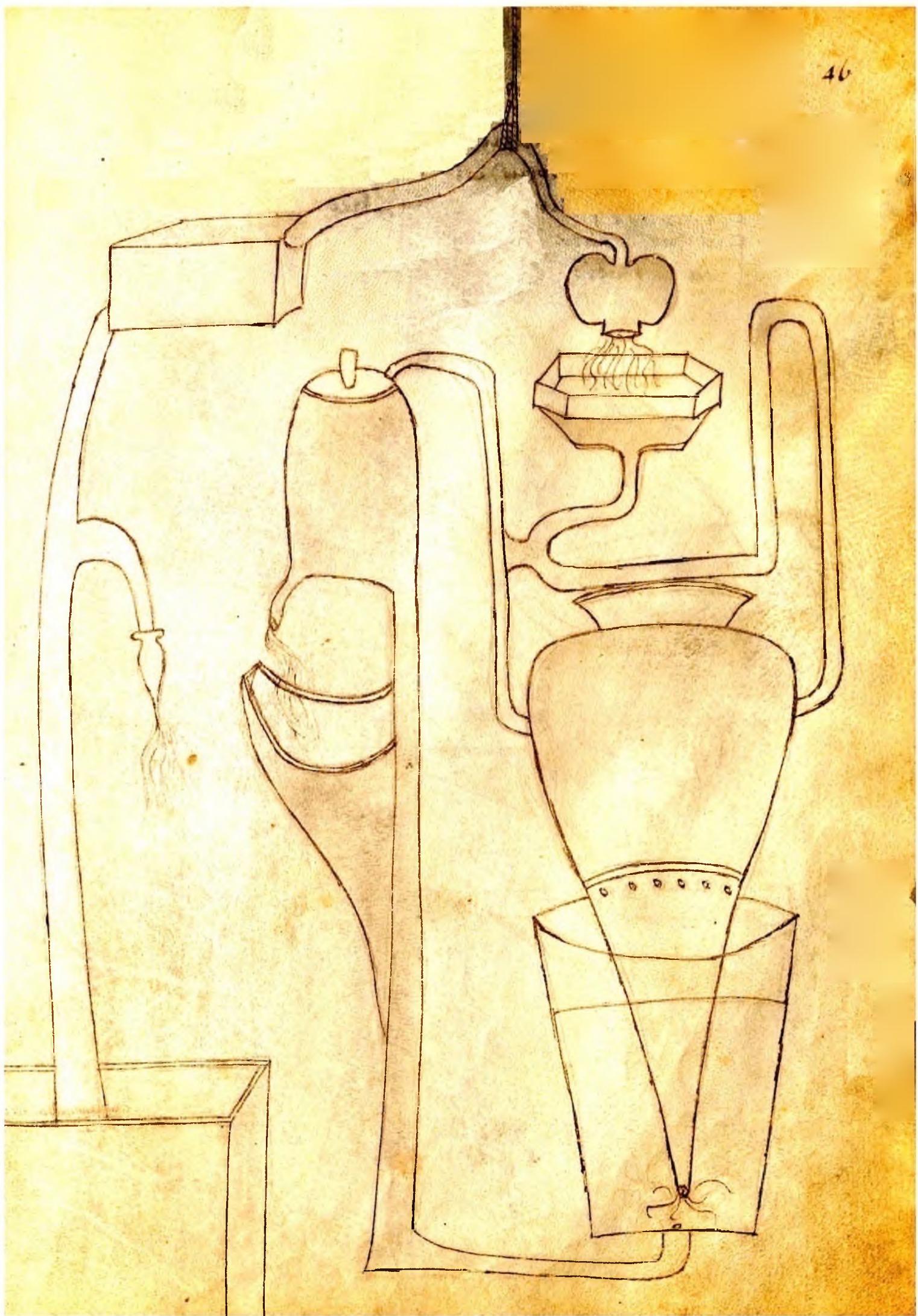
Ruina bellica opus hoc nominari volumus qu
nunc suere sua in fatid nec paries sit que sibi
resisteret valent.



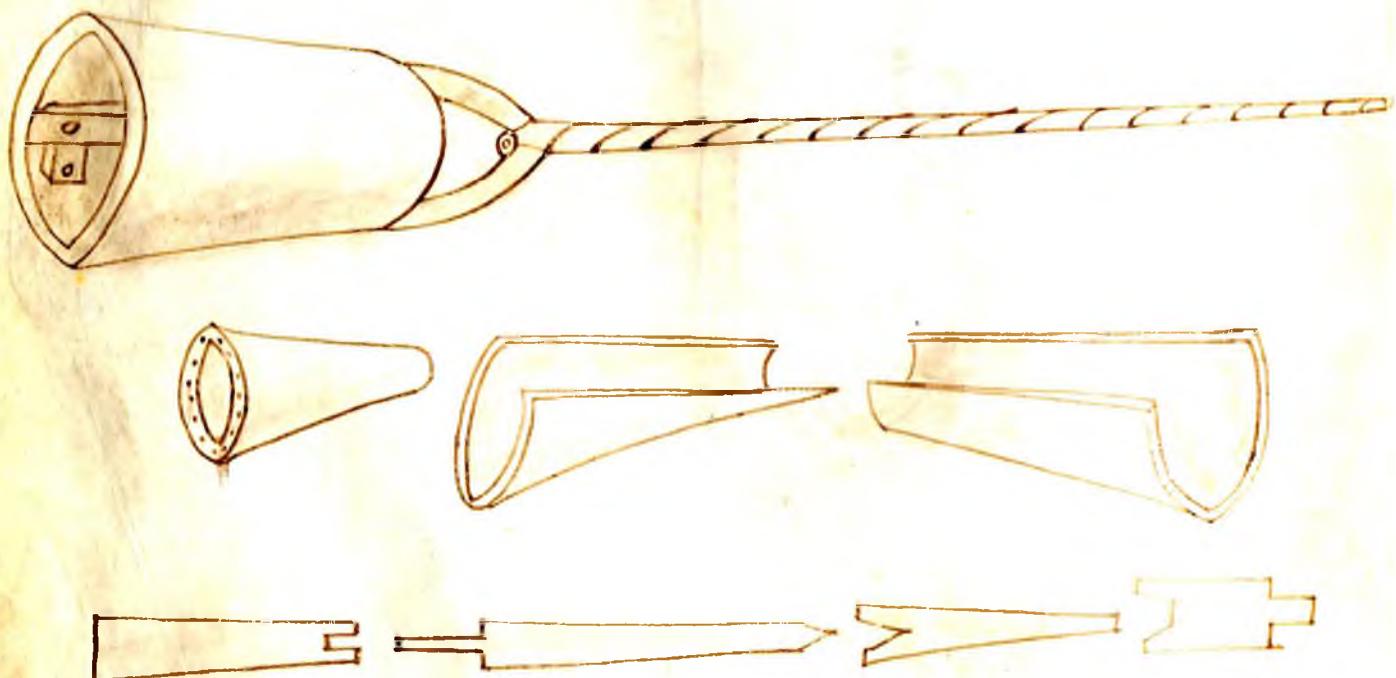


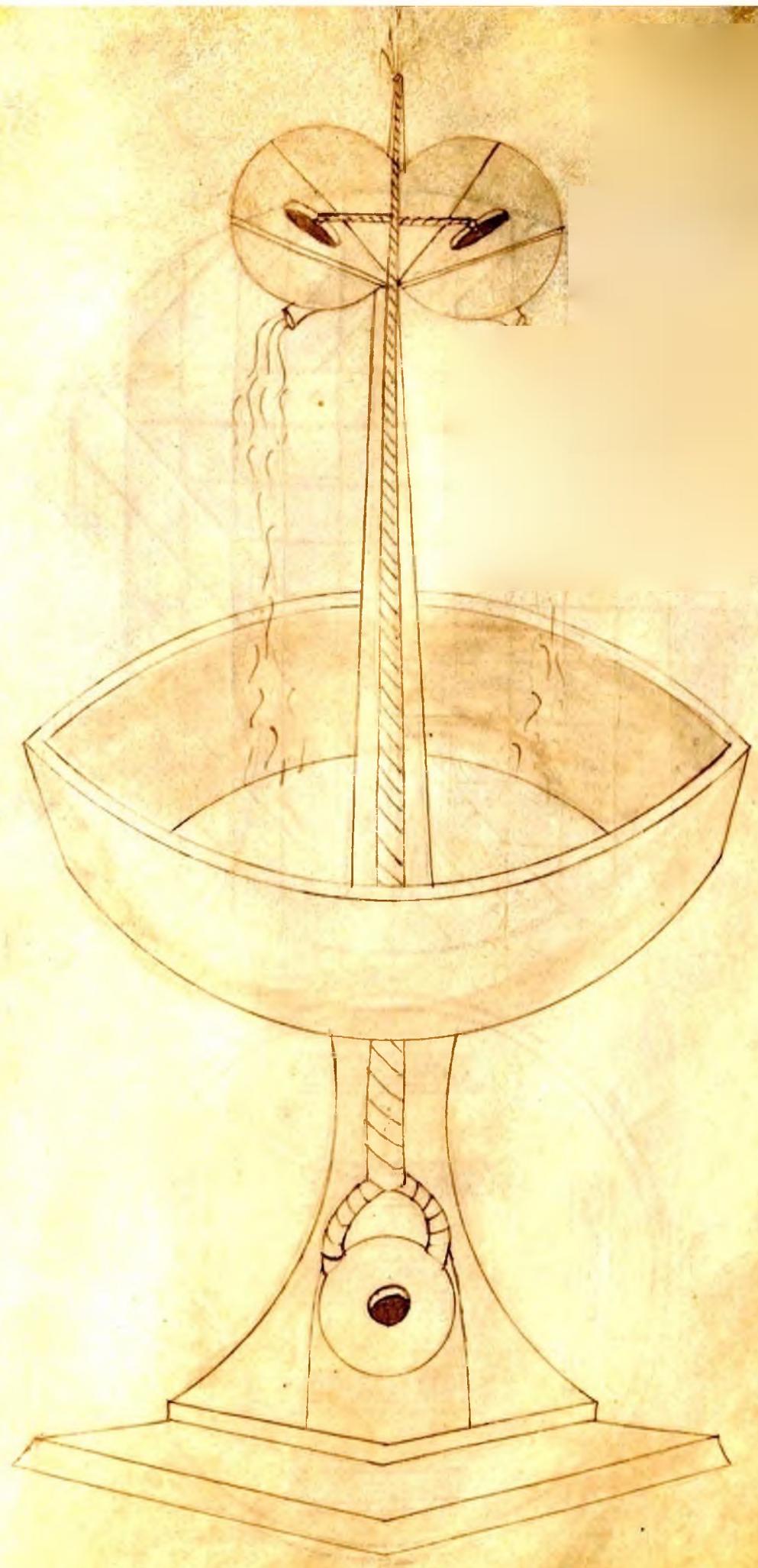
Θρόνος θεού της εδώ η γένεσης της προτάσεως γεννήθη
προτάσεως διαβολού στην οποίαν η θεοτόκη από την οποίαν
απέτινε την απόφευξη την οποίαν η θεοτόκη απέτινε την οποίαν
την απόφευξη την οποίαν

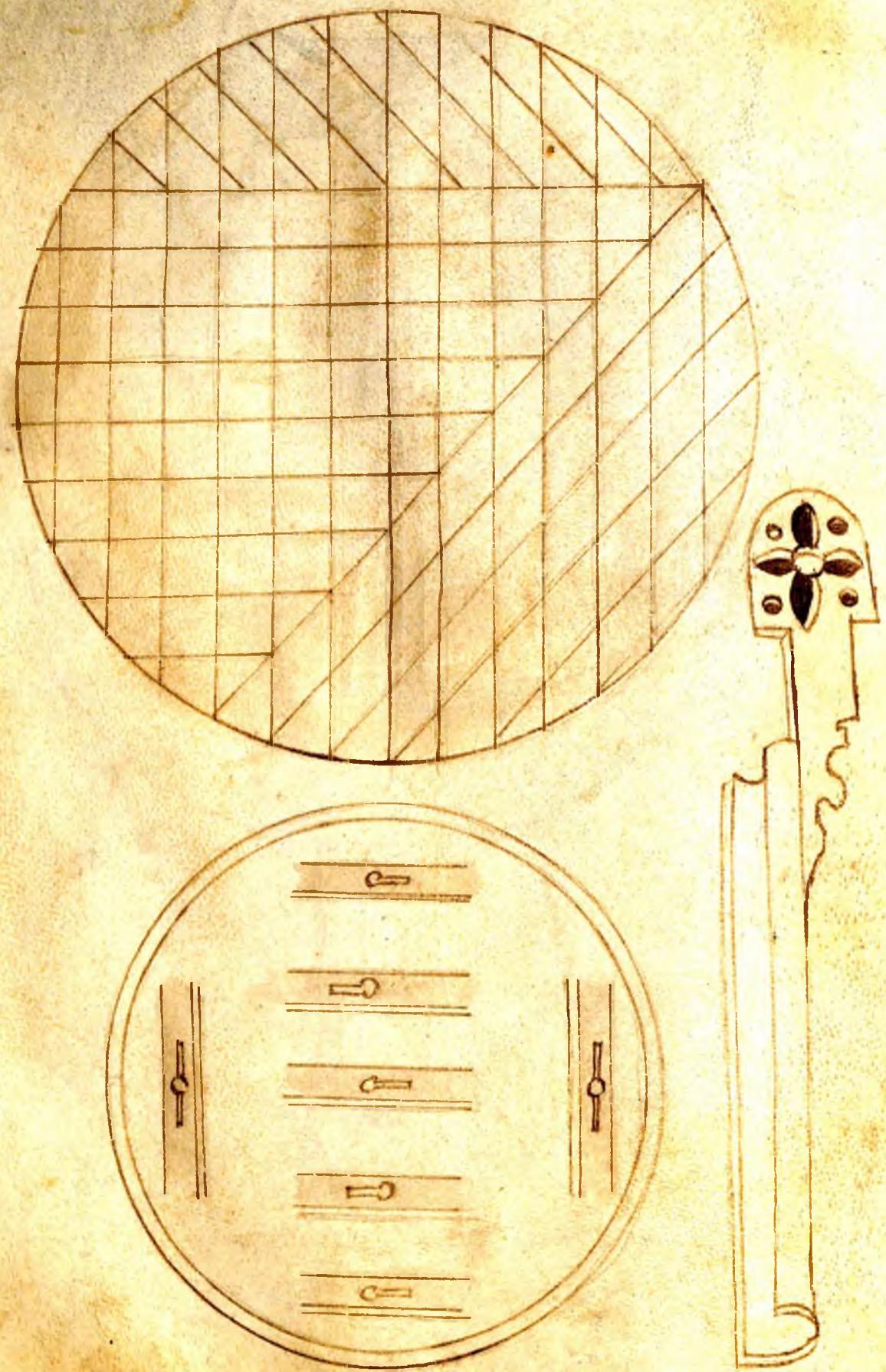


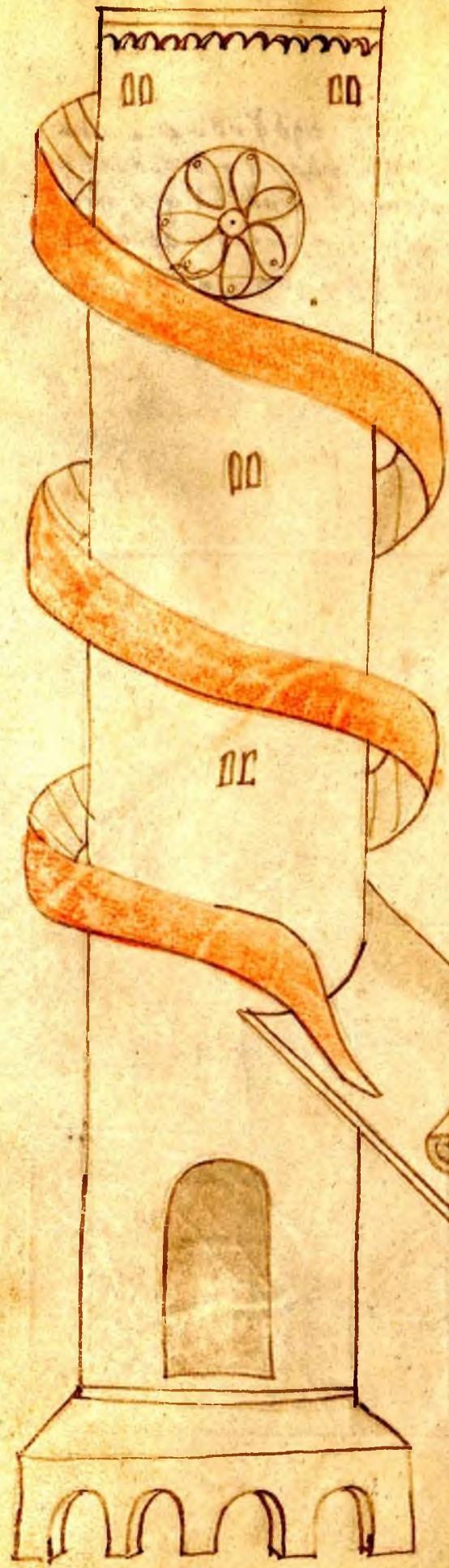


Sontes all mich dicuntur qui hic figurantur.
ille qui manuscriptus est trahit aquaz qui uero
sequitur expellit ingenium nero totu ab ipo de
scribitur quare cu h quasi perle etia patet me
breuez fatio.







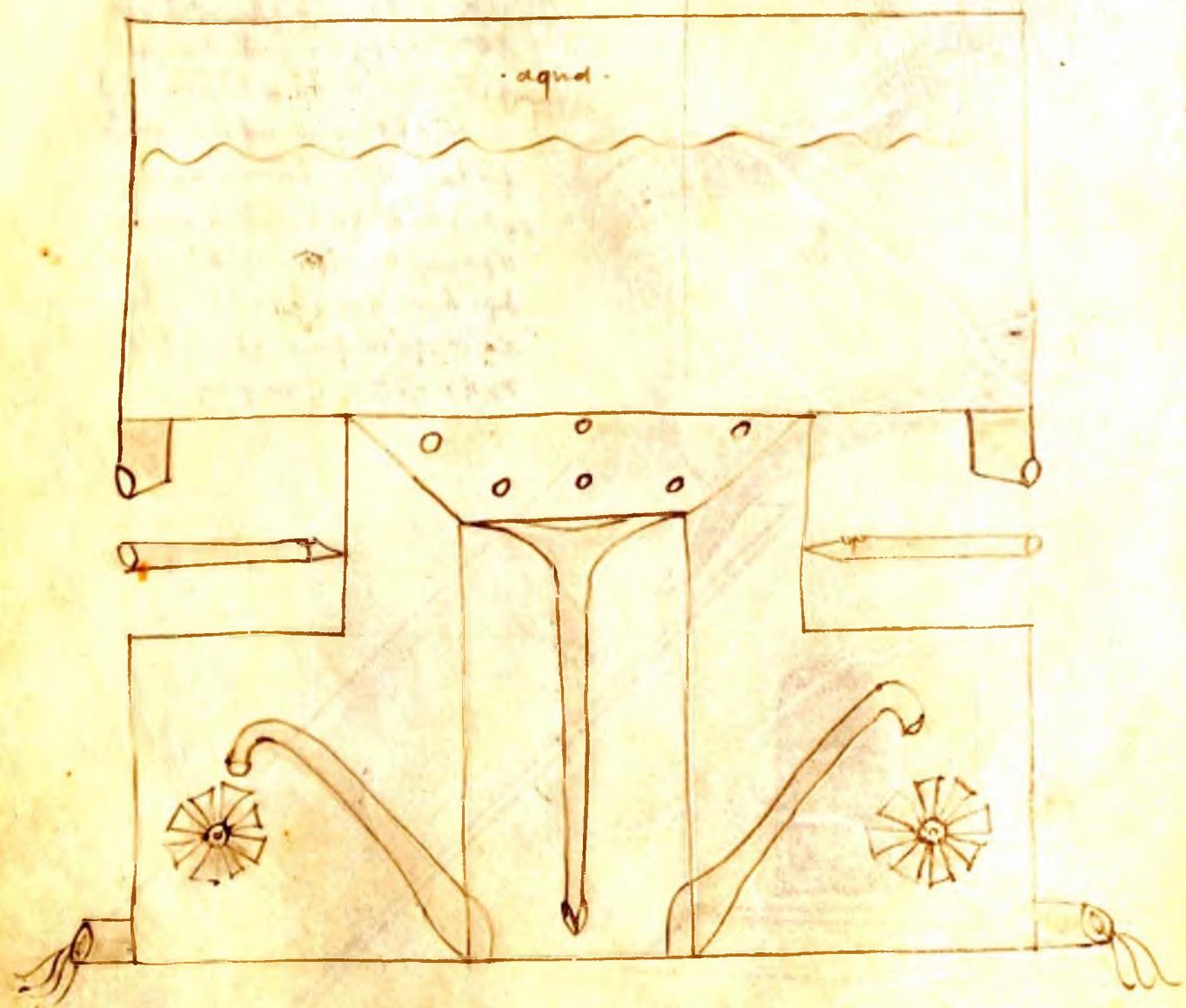


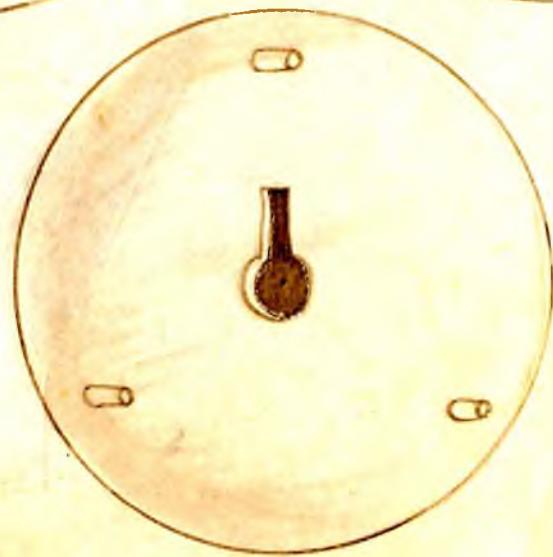
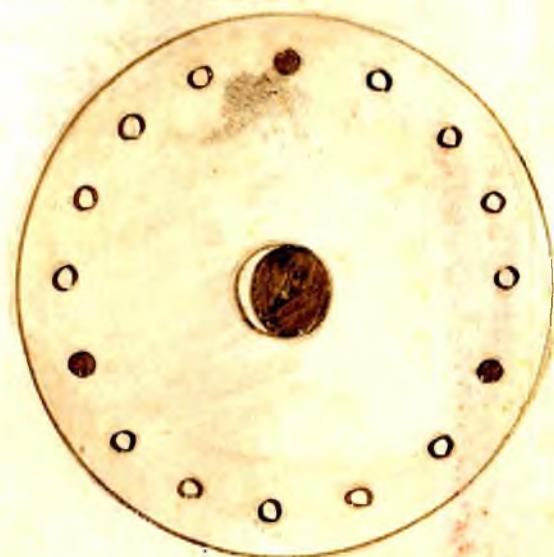
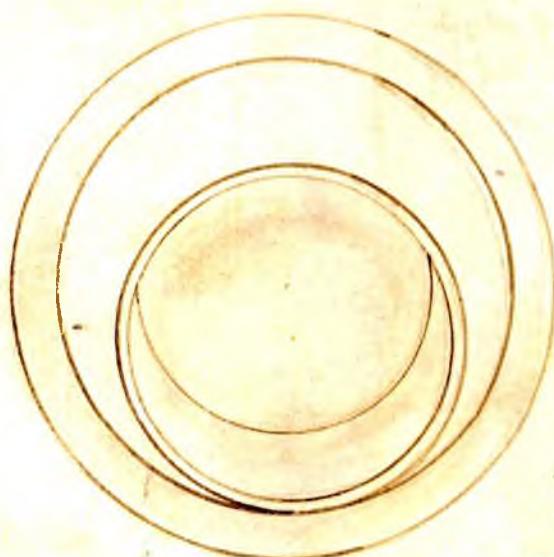
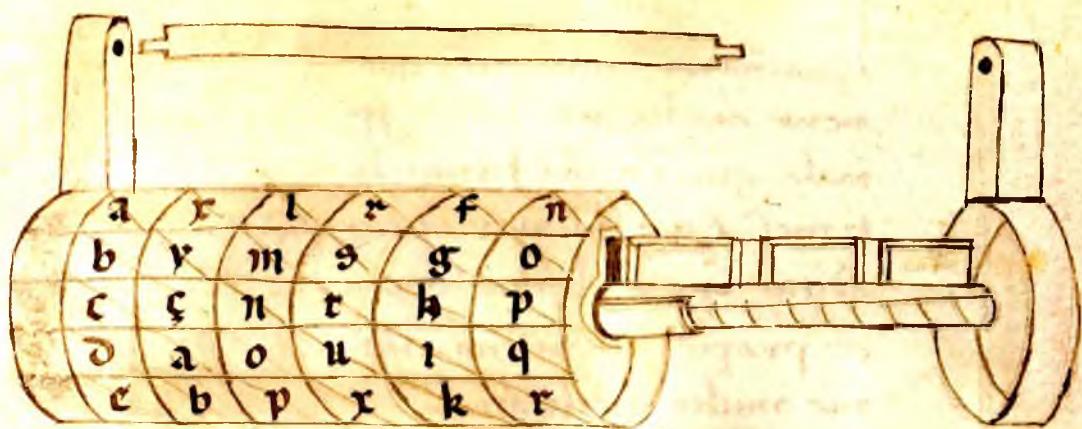
43

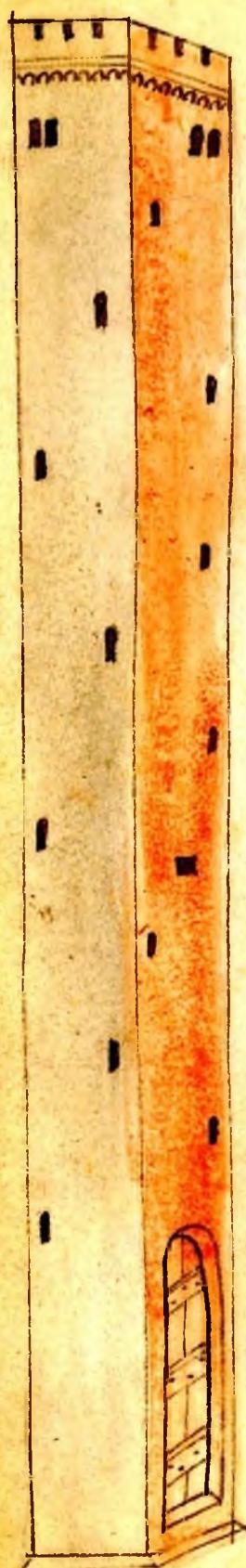
Serpentina turris tot h[ab]it
utilitates quot et linea
giratina que ad columnas
pleruntur ut i libello de
aque ductibus intula
to ostenditur.

Hic tamen una partiu
laris utilitas adclutur
80 490 4 4 + 4496609
6009 80 6-080-08 08
040 481940208 80 946
498-050 4 80-1688008 78
gab1666 908 002 4098
40 46440 80 0-848 80
040 6888 9960-787 80
890-2 4-050 90140660
48 180 49-8 1688008 80
240 9960 908 46440660
80 690 49008

4. fistularius aquariorum sonororu; - qd. f. v. d. a. c. b.
odo. p. b. d. o. i. o. & p. o. v. d. r. & o. b. v. b. b. b. b.
q. o. o. o. p. t. b.
f. o. e. o. d. o. q. b.
p. b. b.

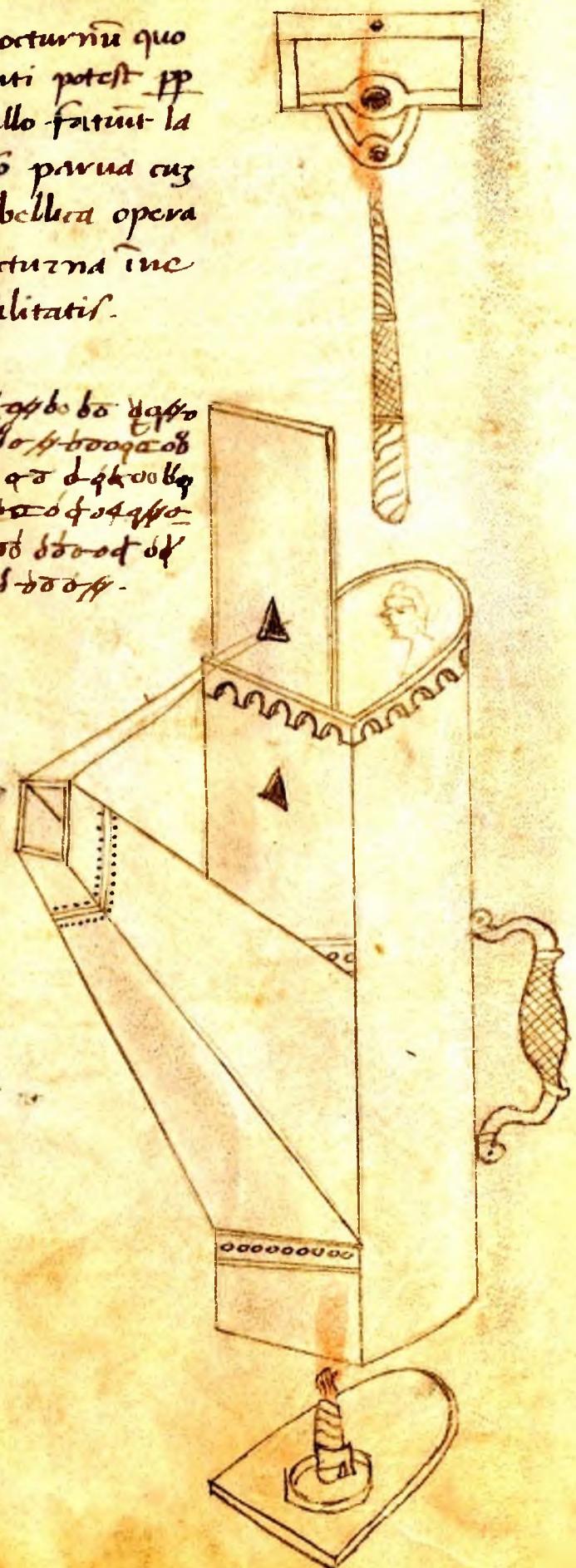




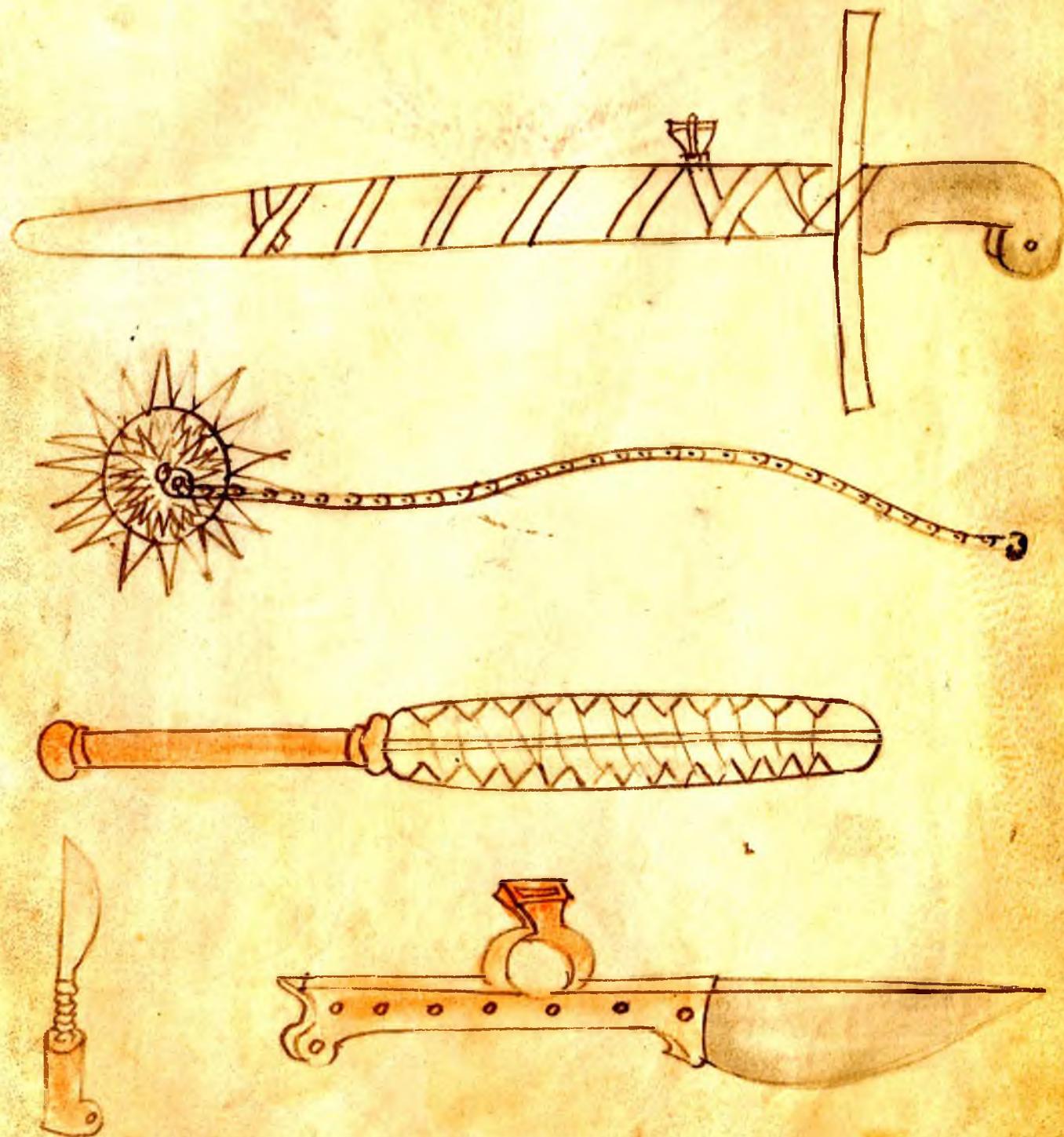


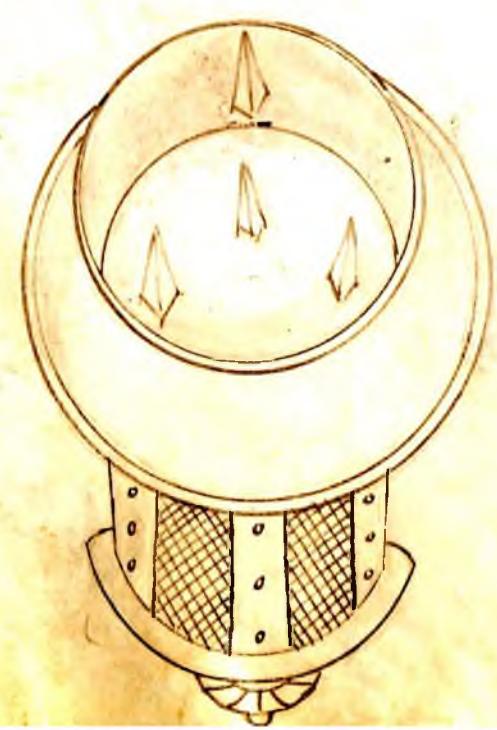
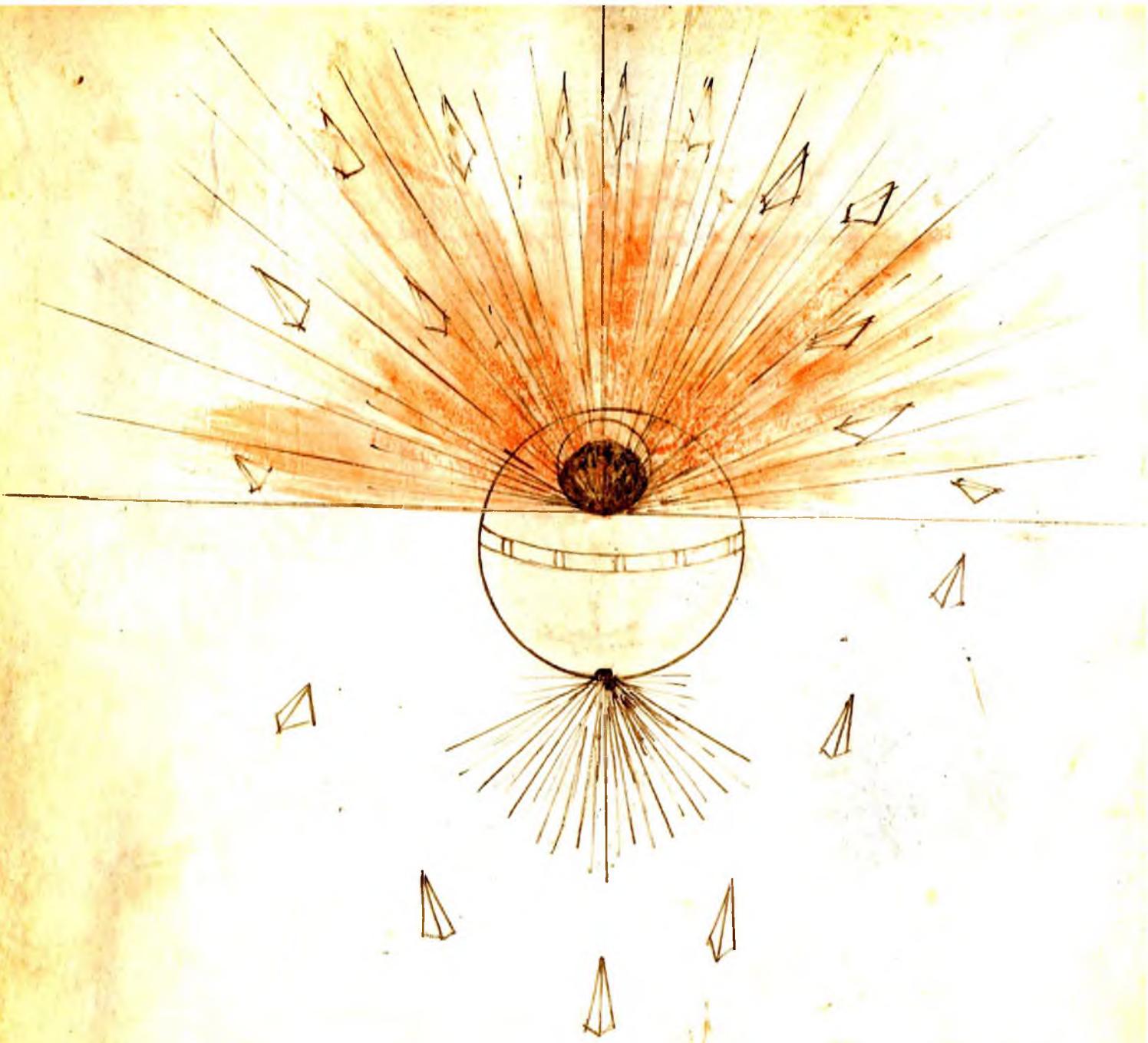
Iuminarij nocturnū quo
nemo anglic uti potest pp
mala que cū illo faciunt la
tronos. Ego uō parua cui
aditio ip̄z ad bellaria opera
et proprie nocturna iuc
mo multe utilitatis.

A - oppido de fortissimo dapo
cōfōdo dōbōdō dōbōdō
dōbōdō dōbōdō dōbōdō
dōbōdō dōbōdō dōbōdō
dōbōdō dōbōdō dōbōdō
dōbōdō dōbōdō dōbōdō

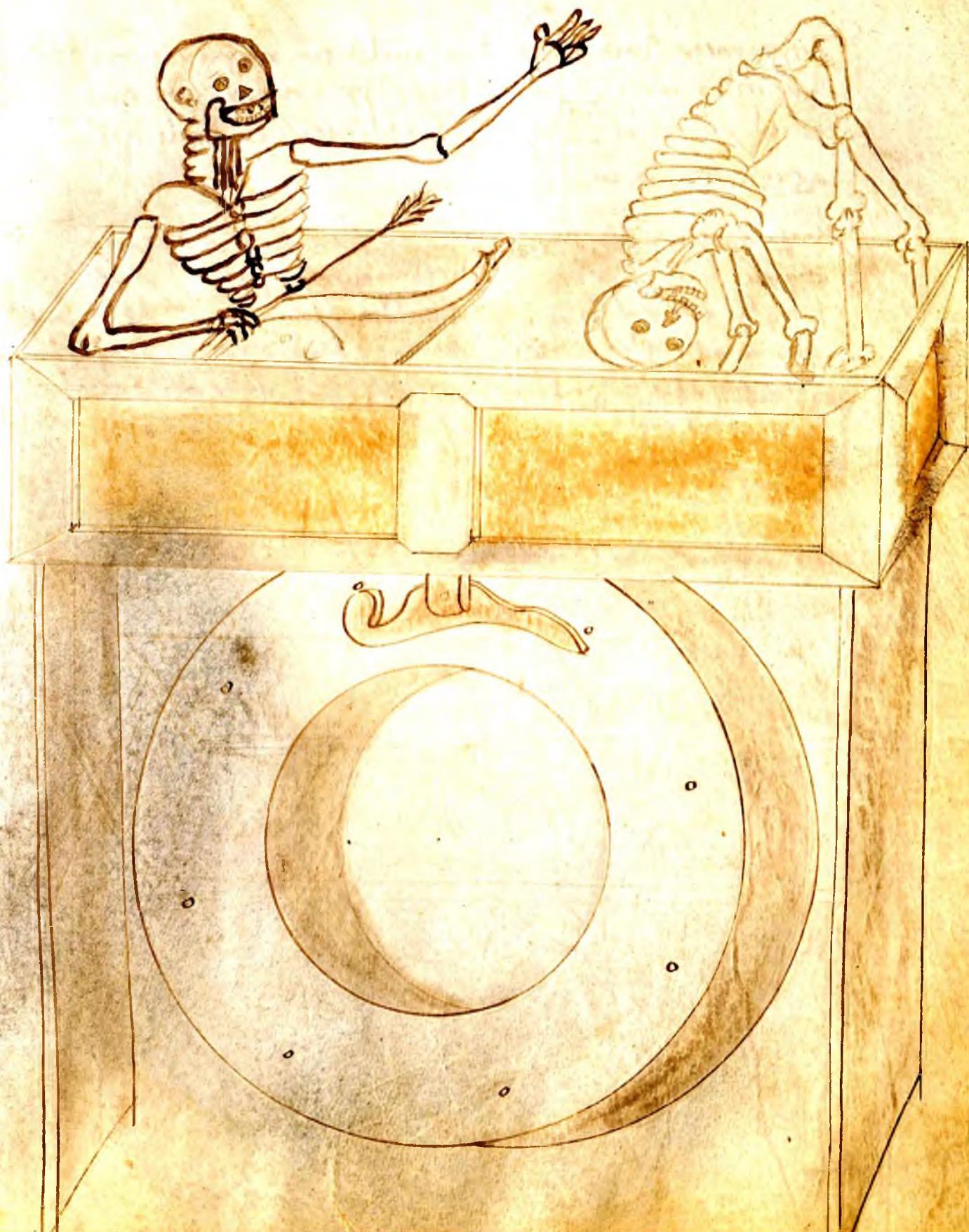


7. Осъдъждана е на върховата земеделийска
ария със съд и засуди съдът да не се
забранява да се оправдават.





De resurrectione Mortuorum Antiphona. post unum oīo dūmō
pō dōgō qōdō qōdō dōdō dōdō dōdō dōdō dōdō dōdō
dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō
dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō dōdō



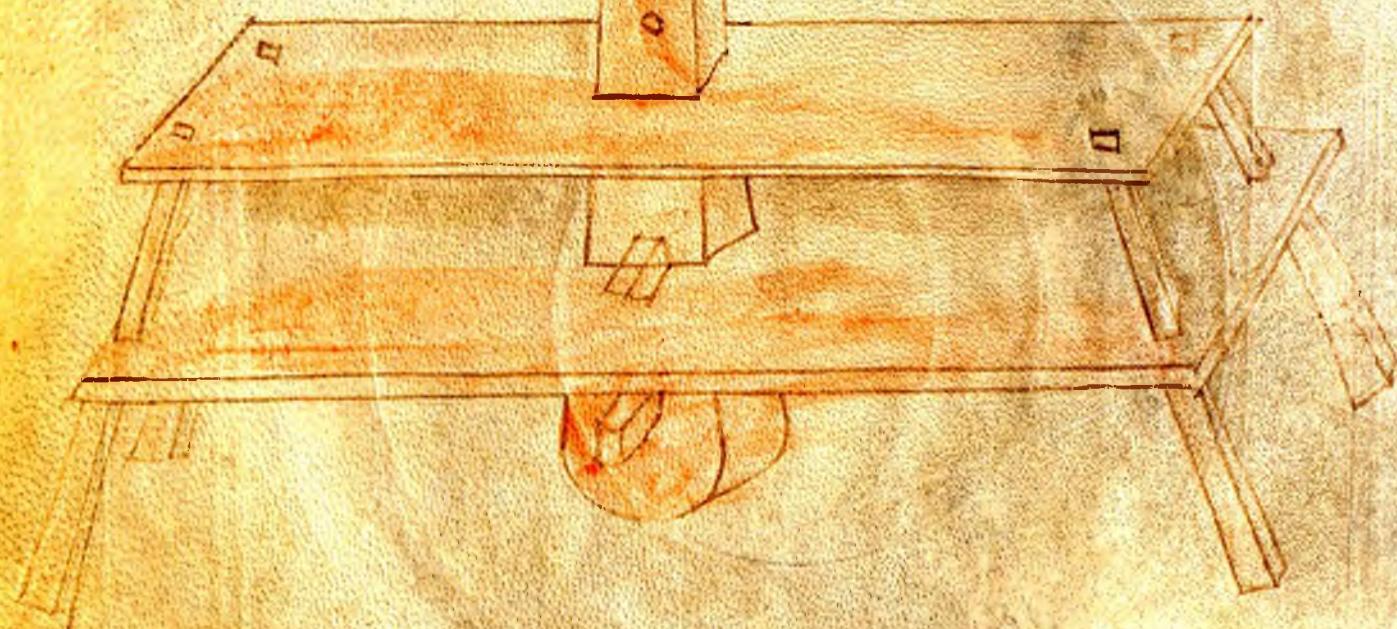
Monasterius opus
probatoe probatoe
probatoe probatoe

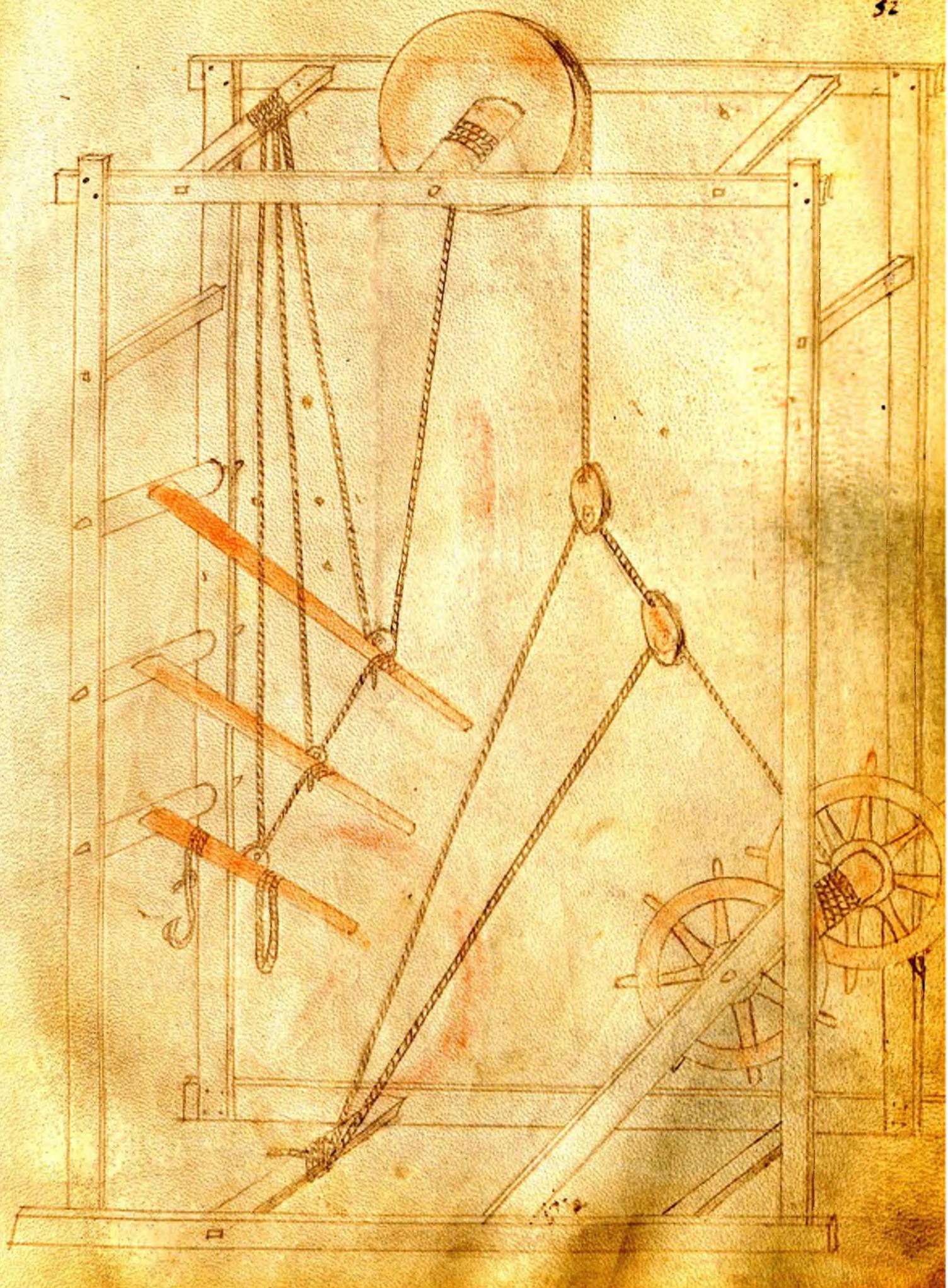
Syupperator inv
hit omne rati
triplex genit
aggregatus, co

— sua violentia rapit et ma
stens' pp triplex uel qua
fabilitatis trahendi qd'

Հայոց գովազնութեան
ազգի սա ծա է
ի գու զար զա օ զա զա զա
զա զա զա զա զա զա

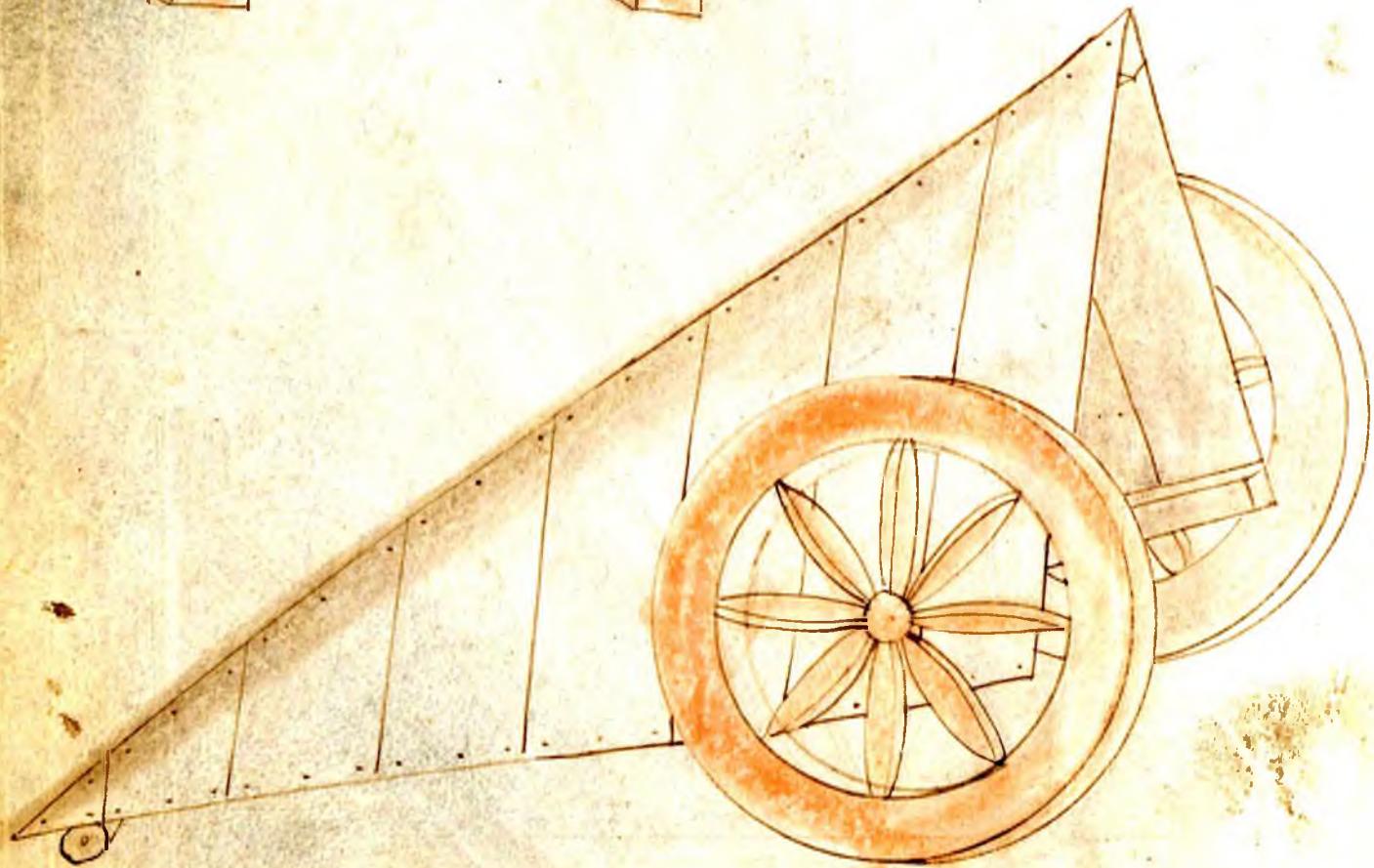
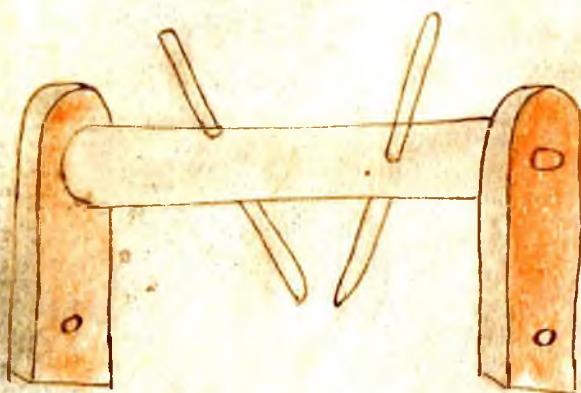
10. 20. 800 qd 44 b. d. 800
882 qd 402 qd 800 3/4 qd
800 882 800 800 qd 8446.
1140-1150 800 800 800 800 800
qd 44 qd 44 qd 800 800 800
80 8870 qd 44 qd 800 800.

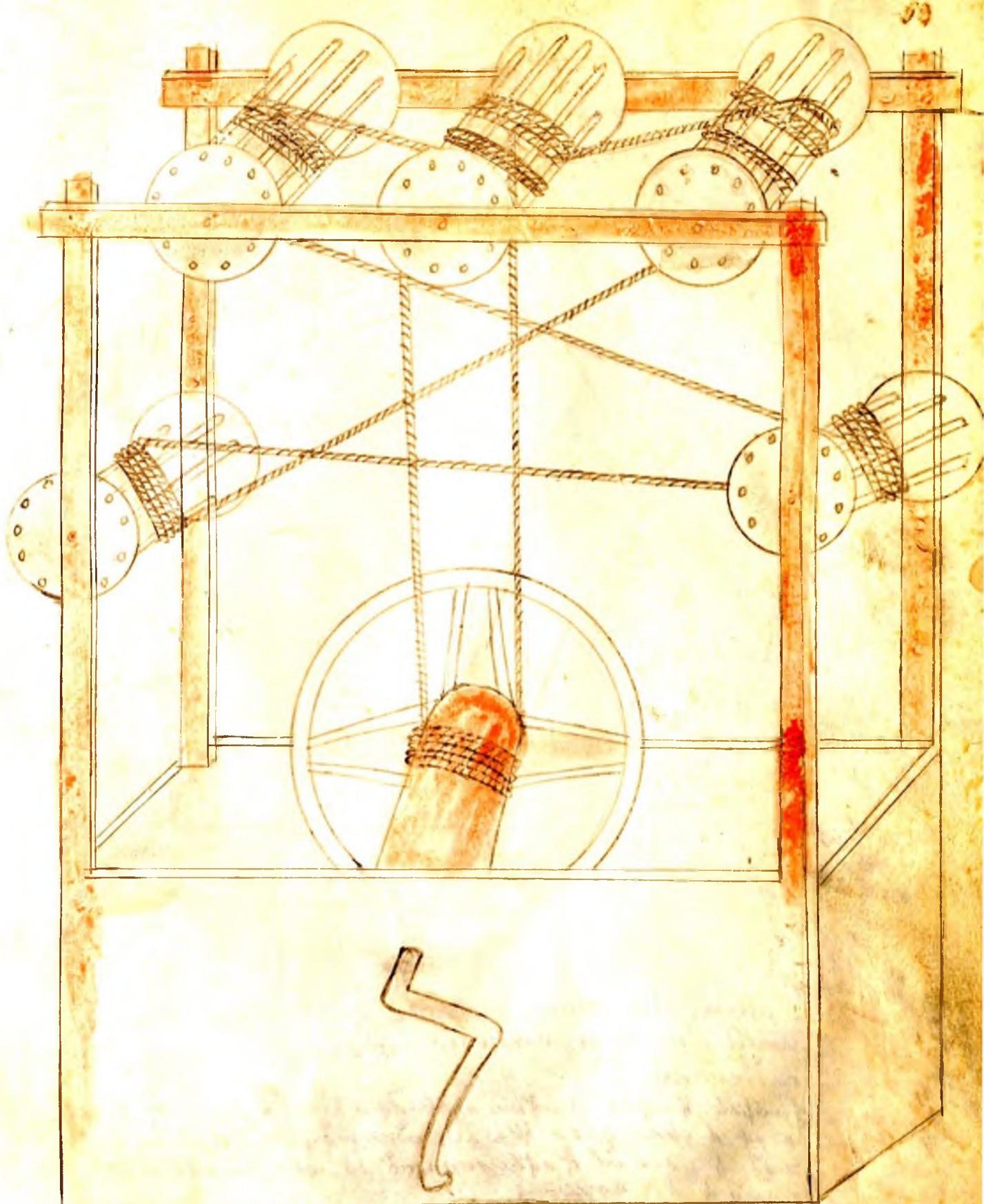


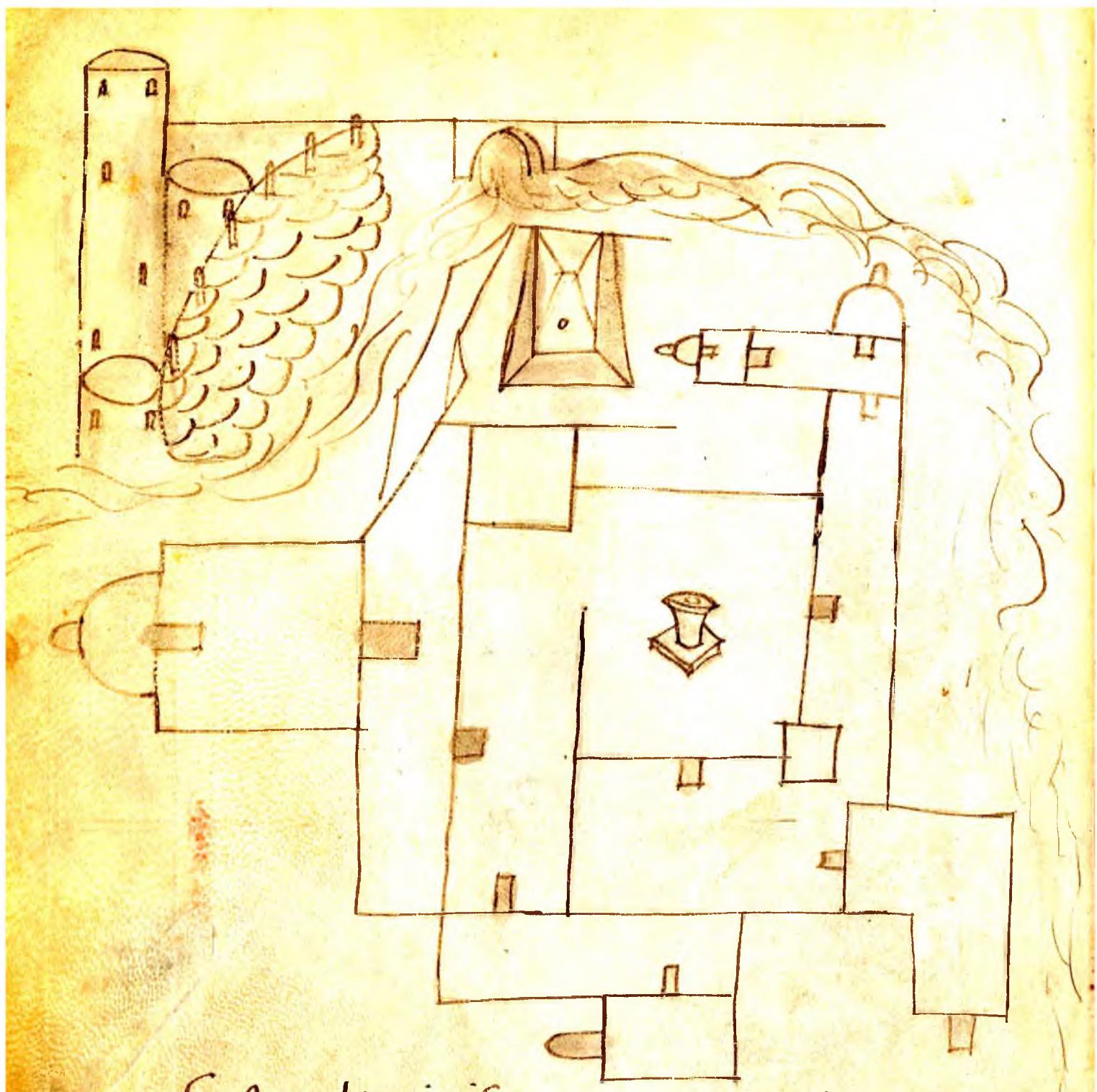


*Catus i bellis ordinibus sepe requiriunt et prope
surdus et tamus.*

¶ b800 q200 u 81400 36000 v200 8000 160000 800 8000
qad 000 10000
800 q0 0680
0
0
0
0 0



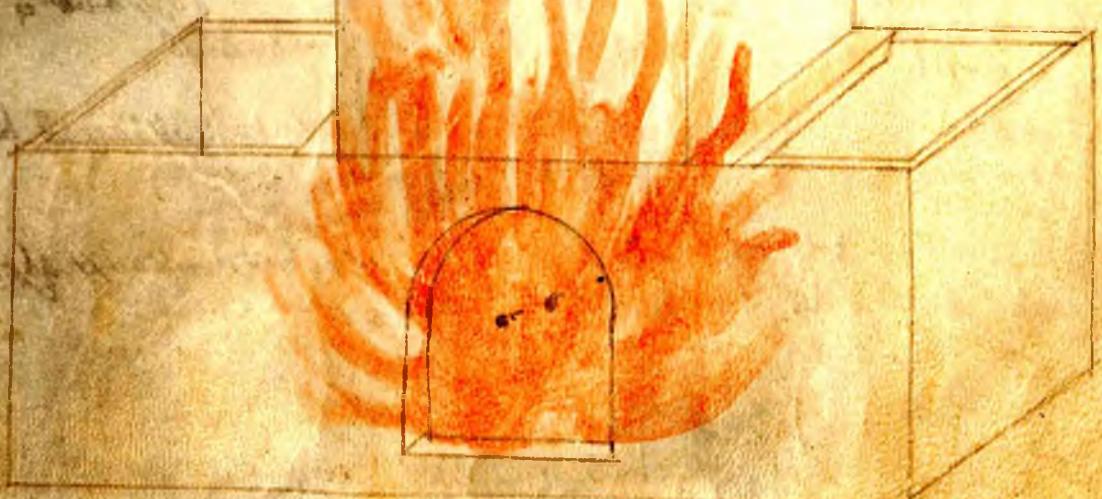
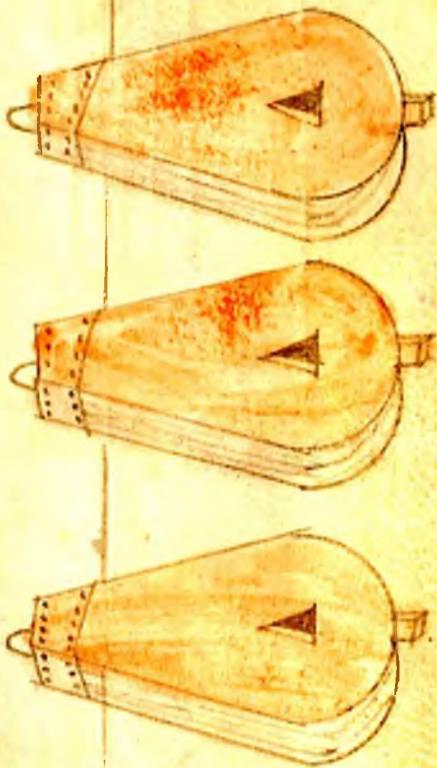
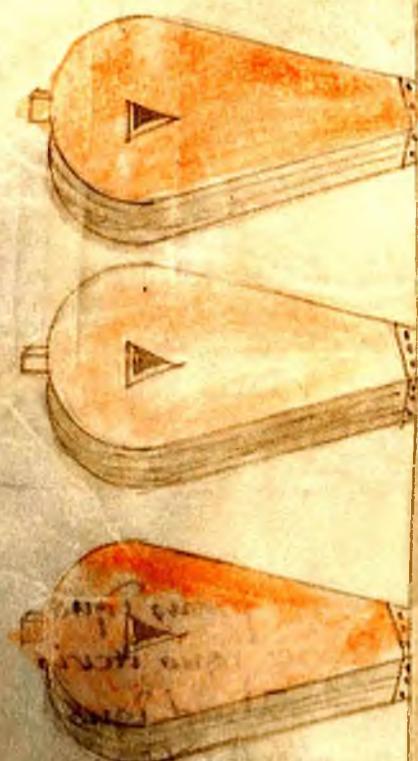




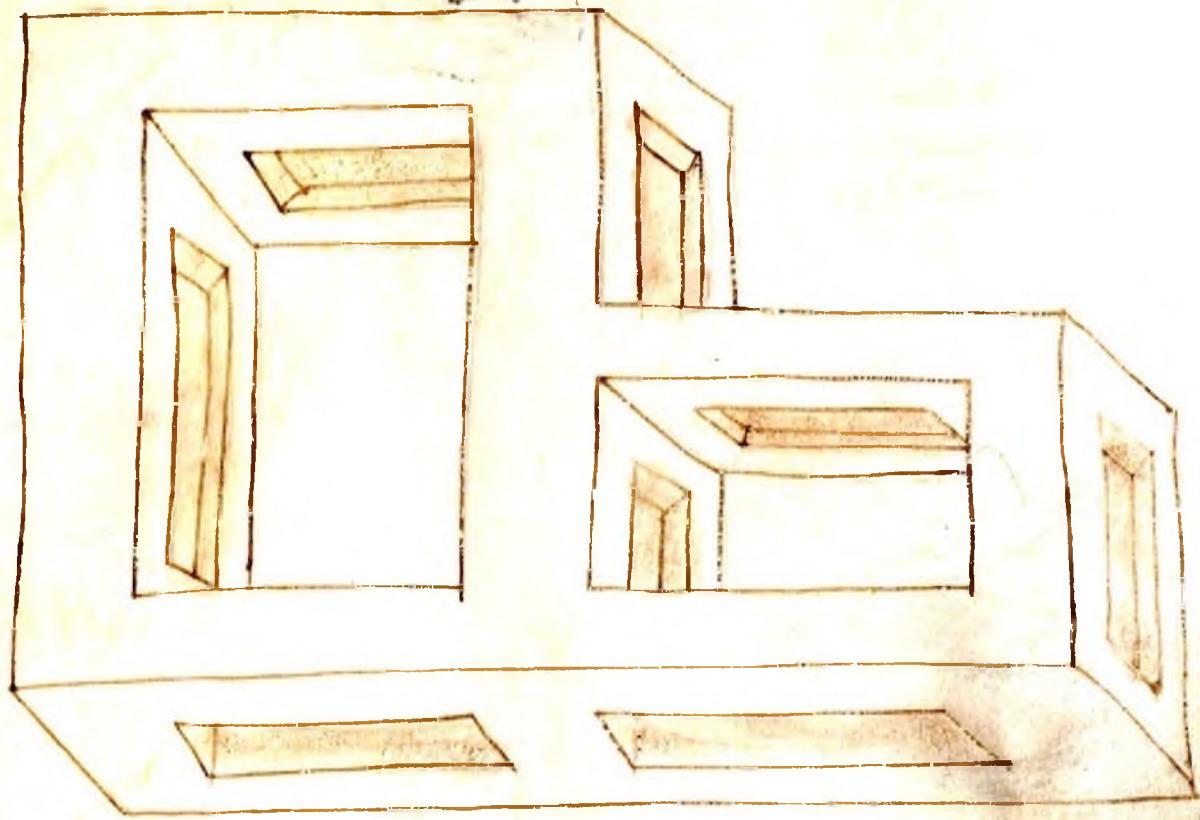
Castrum deceptionis vocatur quod cu qui ingredi
nisi cupiant vincuntur et a fugere credant i
carcerantur

4. Quod est hoc deceptio? quod est hoc deceptio? quod est hoc deceptio?
Est iste deceptio deinde deceptio deceptio deceptio deceptio
deceptio deceptio deceptio deceptio deceptio deceptio deceptio
deceptio deceptio deceptio deceptio deceptio deceptio deceptio

A fornax eost þa tordis
þe wæs on heafðe wæs
wæs on heafðe wæs
wæs on heafðe wæs
wæs on heafðe wæs

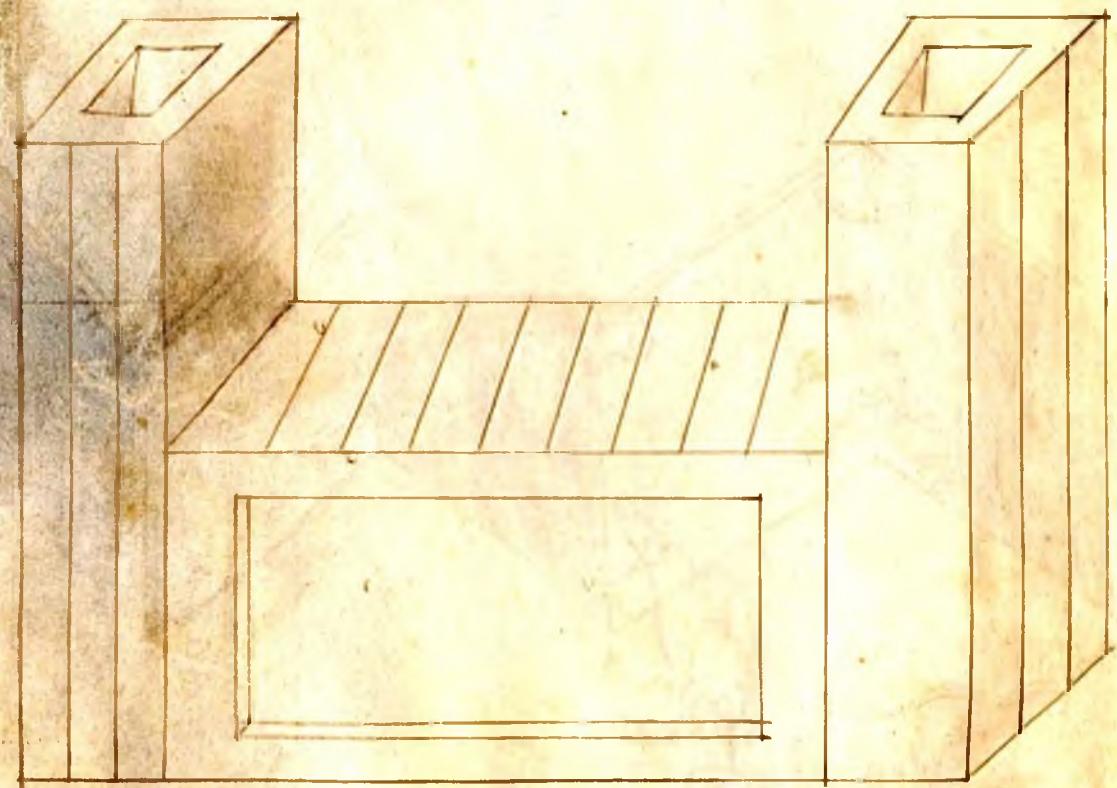
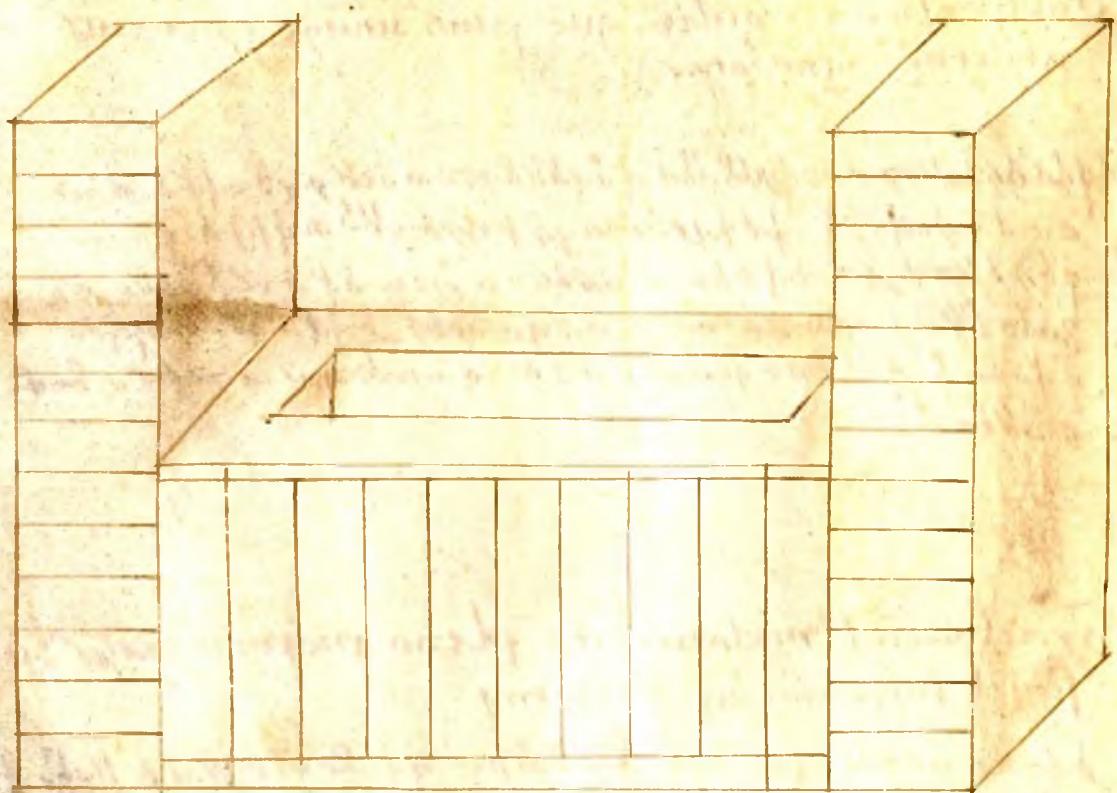


þær wæs
þær wæs
þær wæs
þær wæs



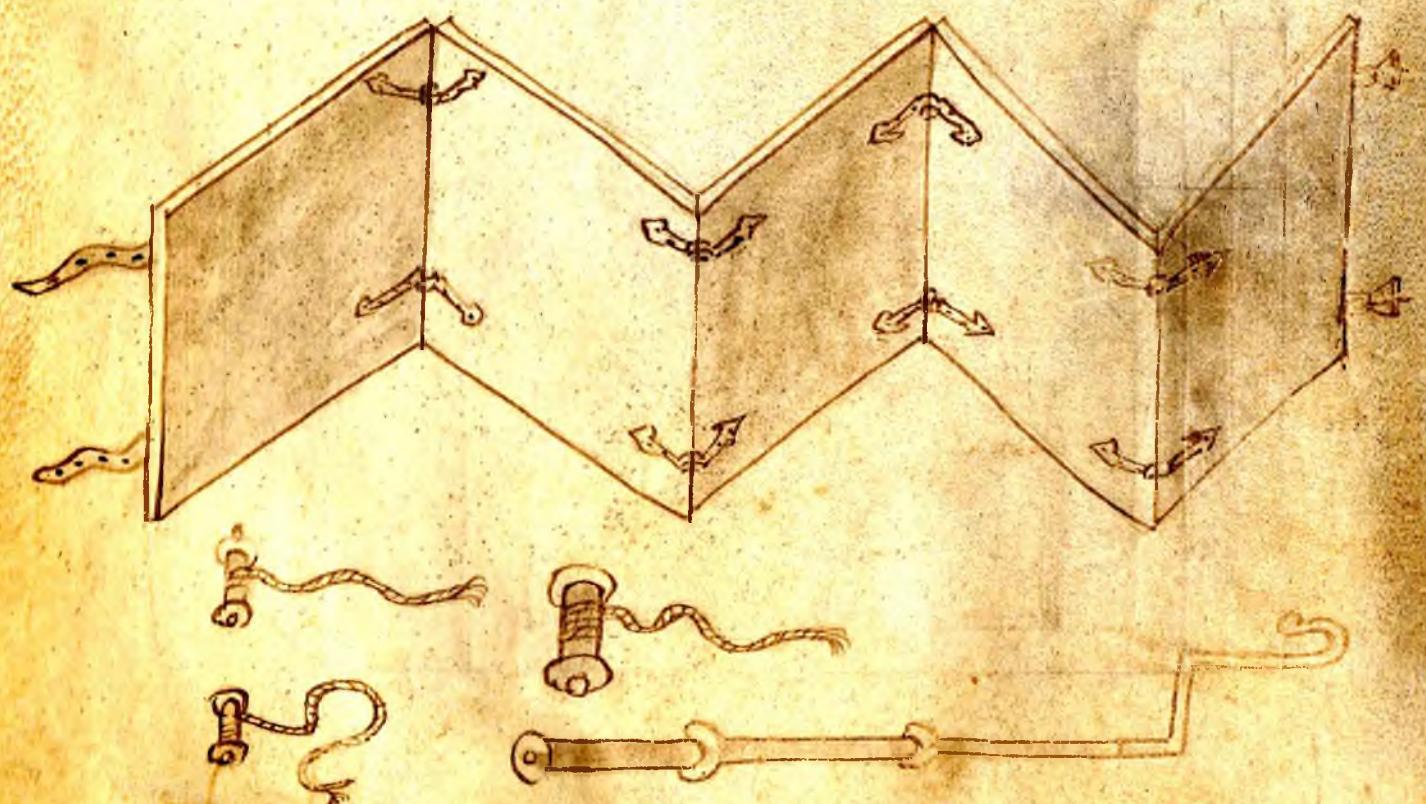
Zuplex est genus carceris nostri ingeniosi pmus, quo
omnia inveniuntur et extra similiter: Alterus, quo iterio-
ra occultantur et extrifeca apparent: Aliud, quo
exteriora occulta sunt et interiora manifesta: Quaz
tus uero esset inutile si intra et extra non uideret.

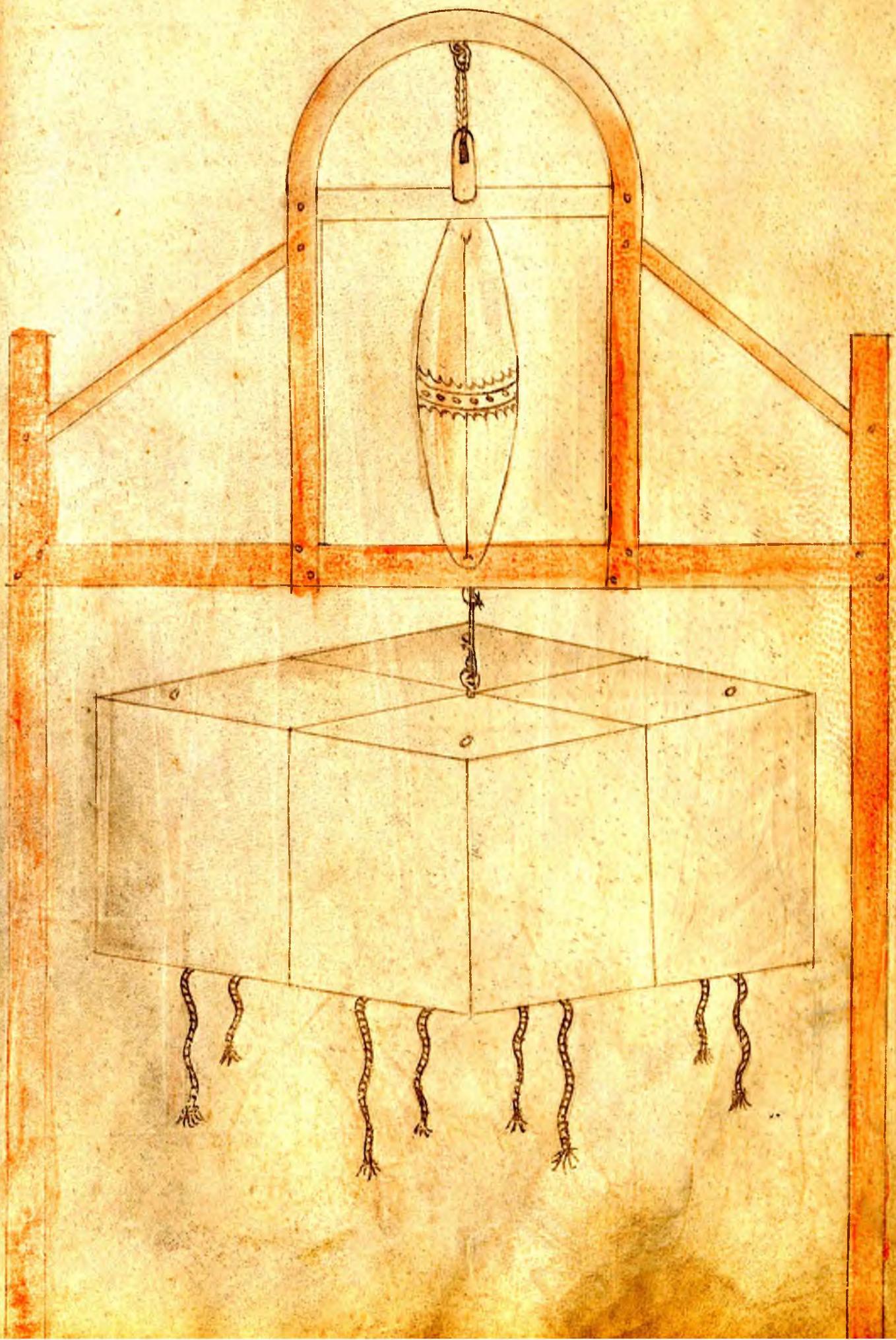
*It is good to go out and go about the fields to yesterdays
obt A good day & I hope to get home.*

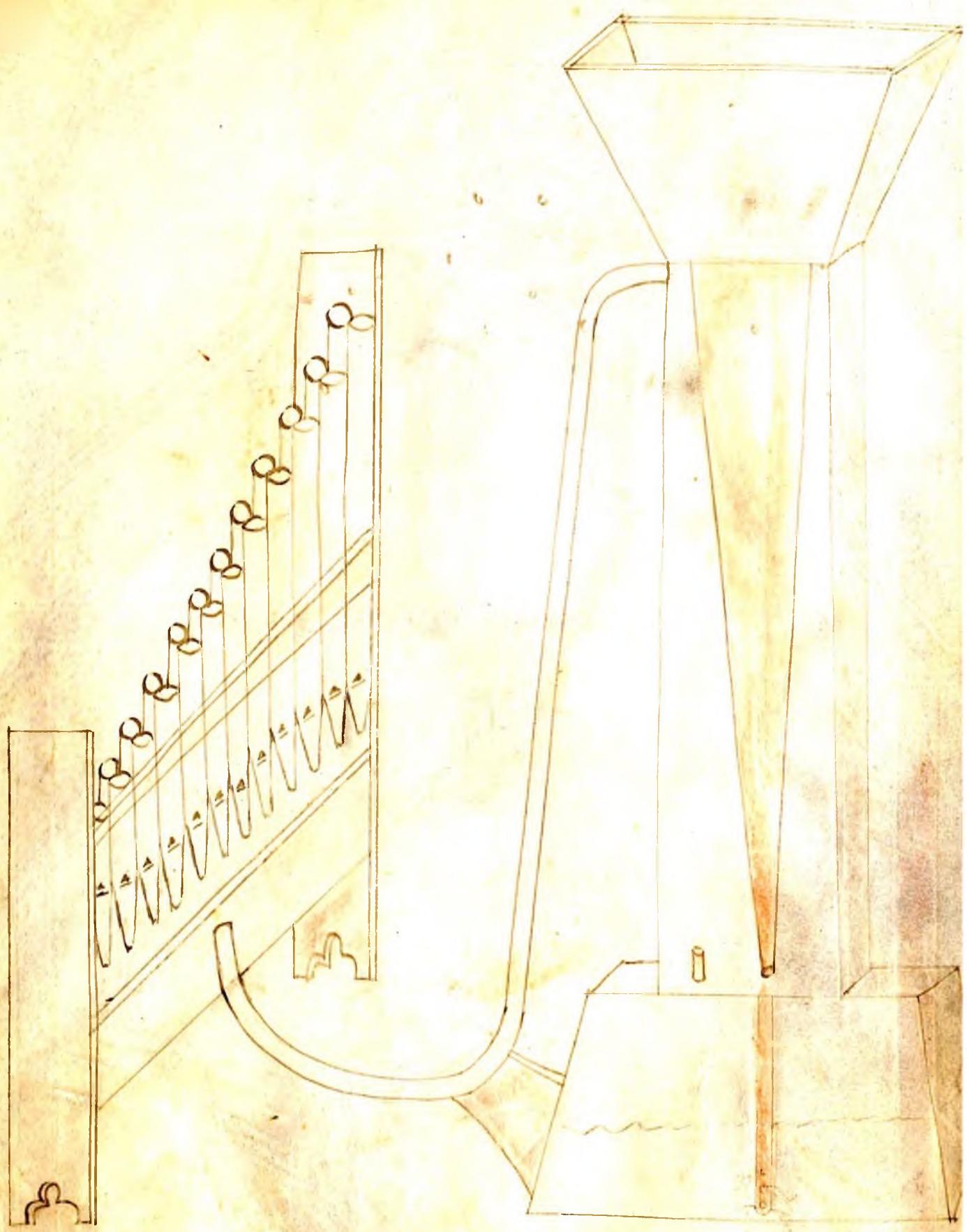


Suspensorum regulare quo pano utitur quia eius
utilitas ignoratur

Graduarius nodatus ita piano proportionalis est
sicut suspensorius Altitudinis.

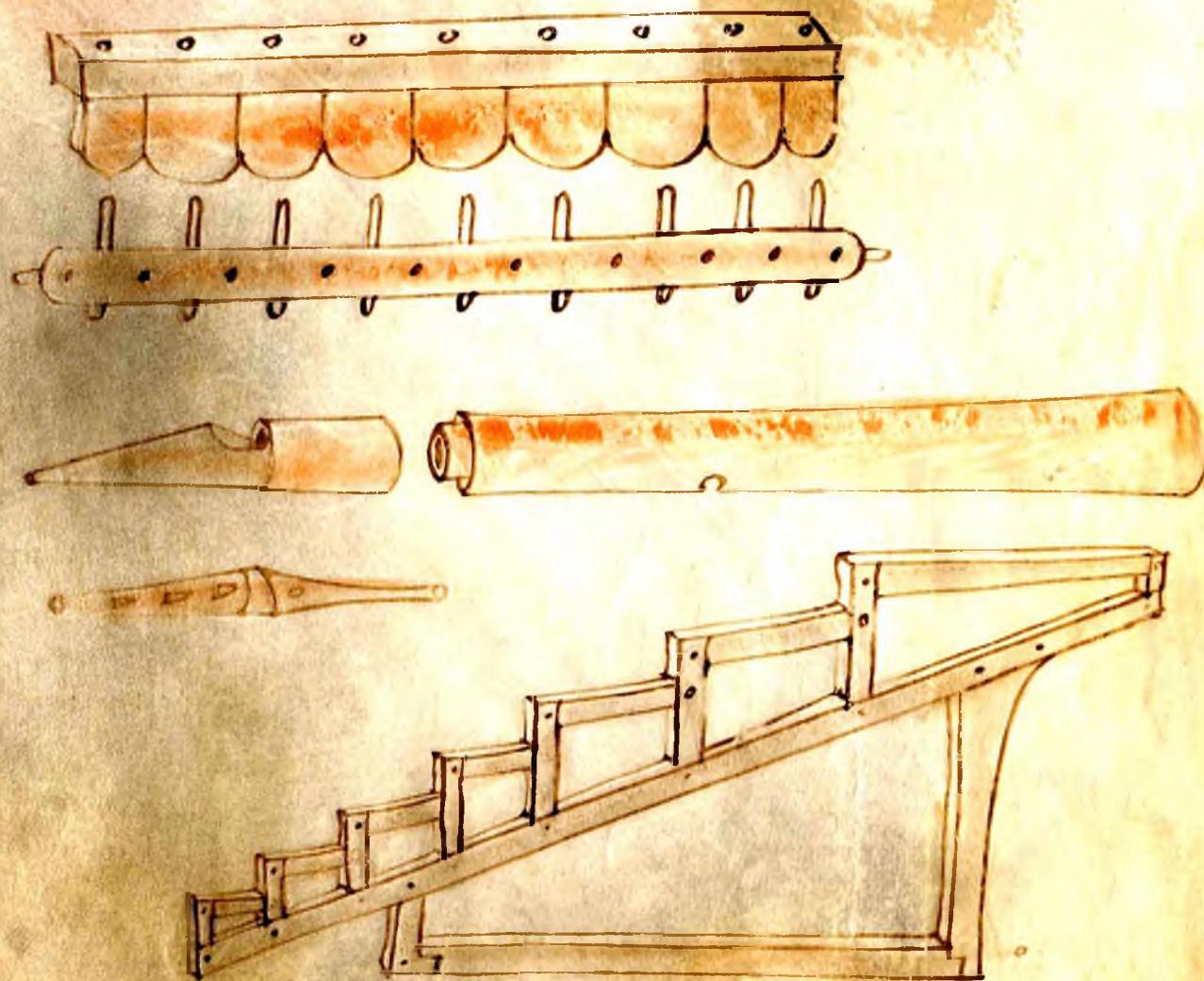






Folles ad organa scrupende unitatis qui nūcluz di
nulgati sunt sed mpper per me inenti spiritus ha
bundantiam habent et uniformez.

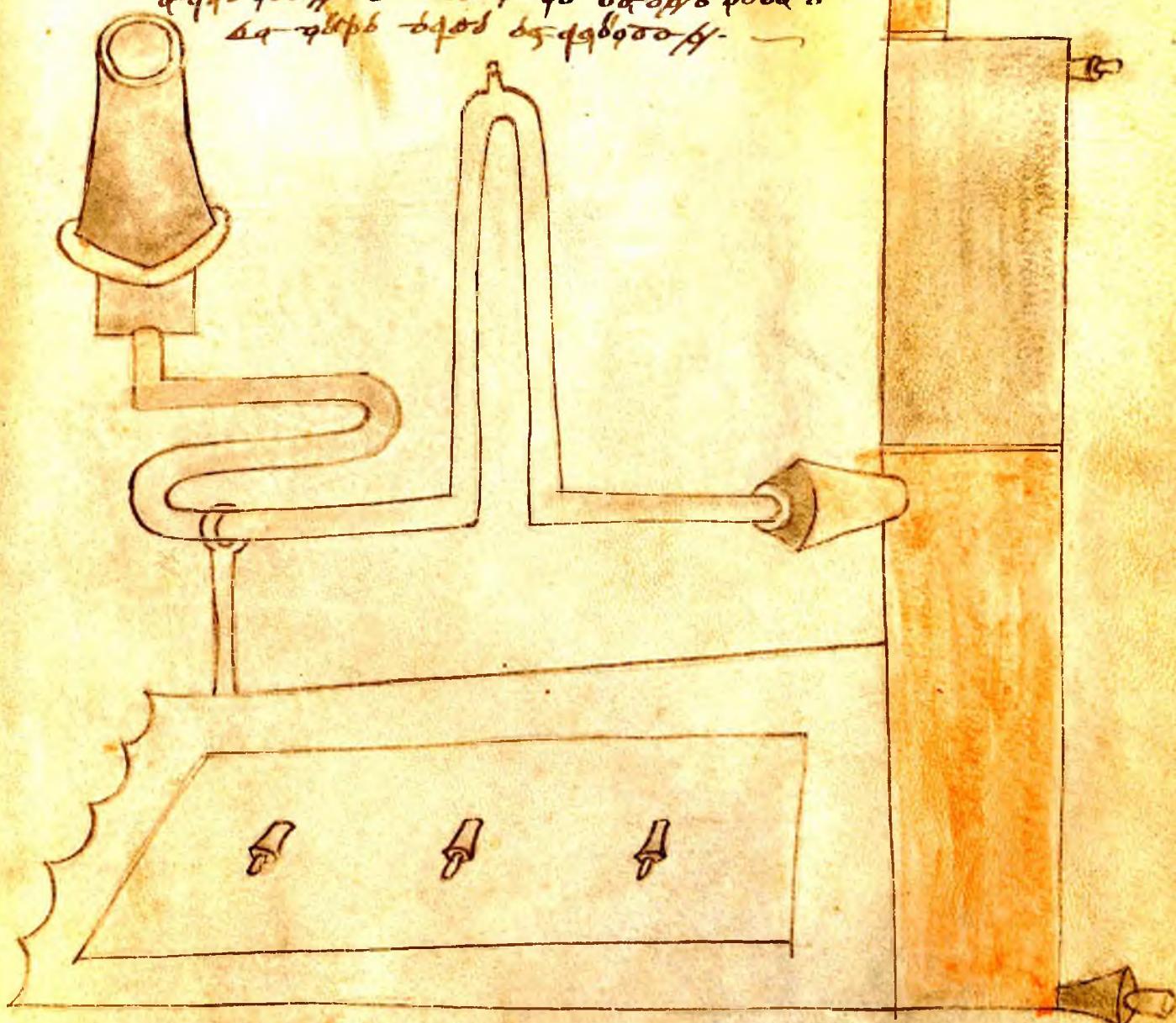
[A large block of Latin text in a cursive Gothic script, likely a musical notation or a list of names, occupies the space below the main text.]

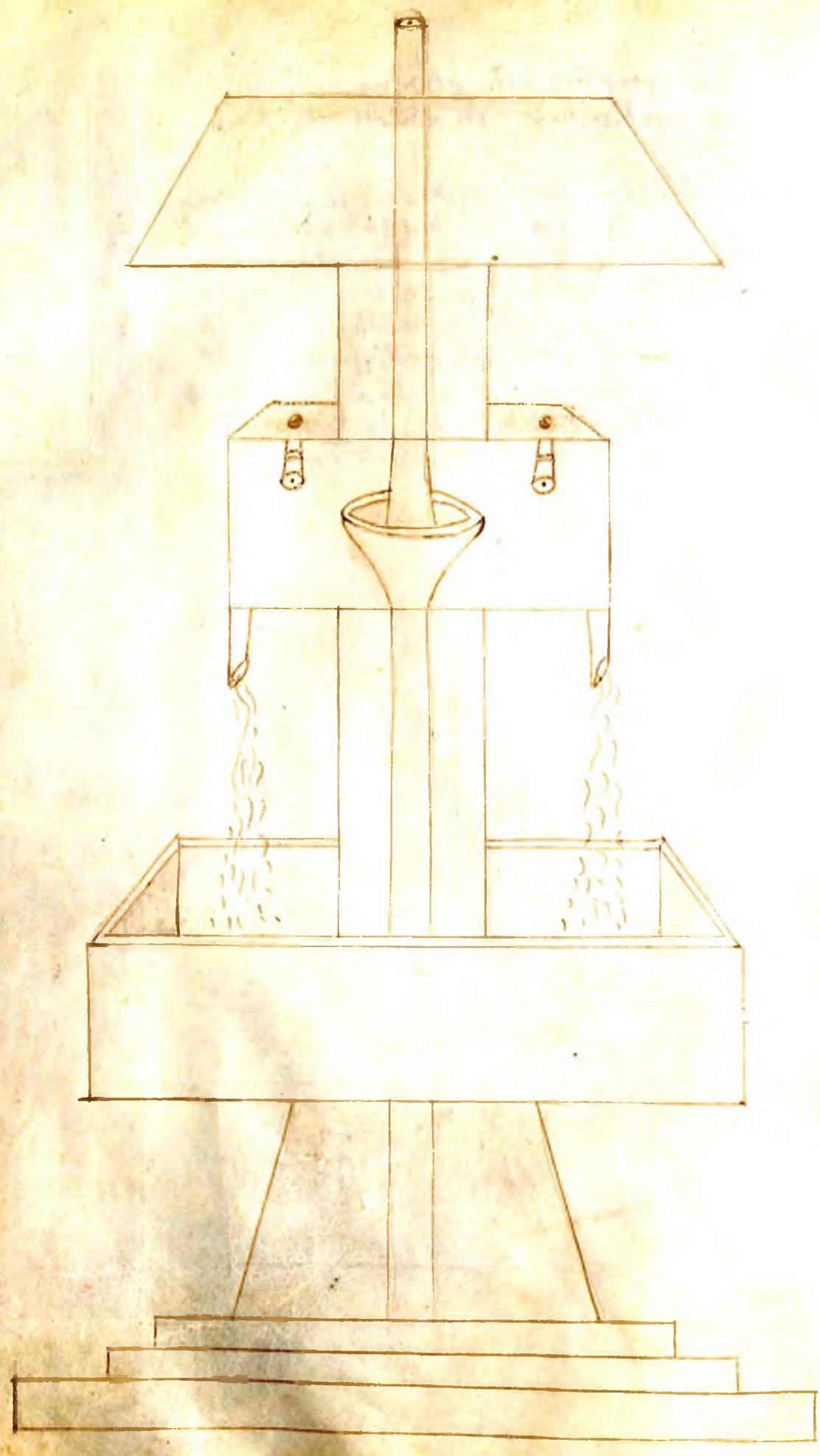




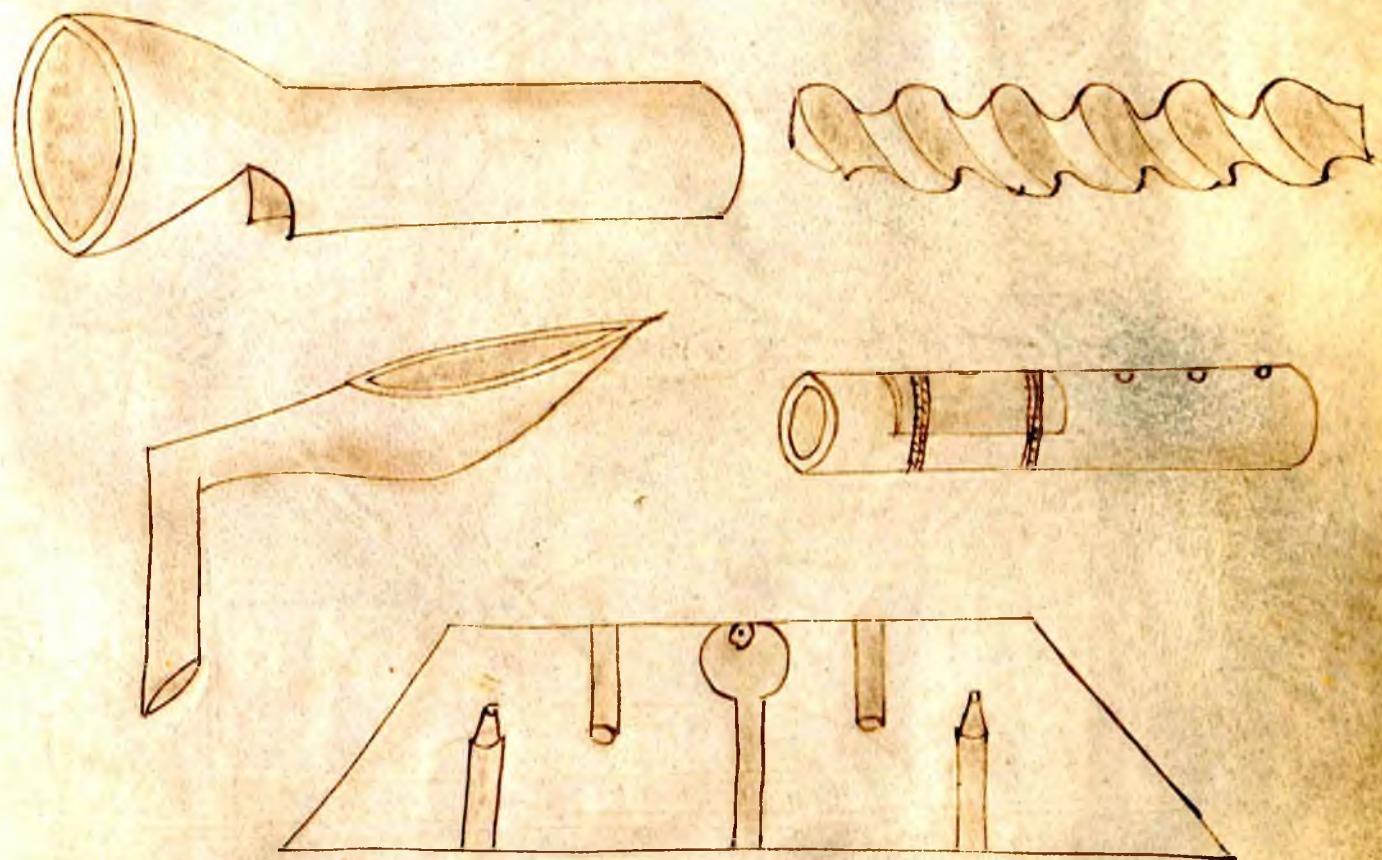
*vacuatorum est atheniense quo
geori utabantur in eductione aqua.*

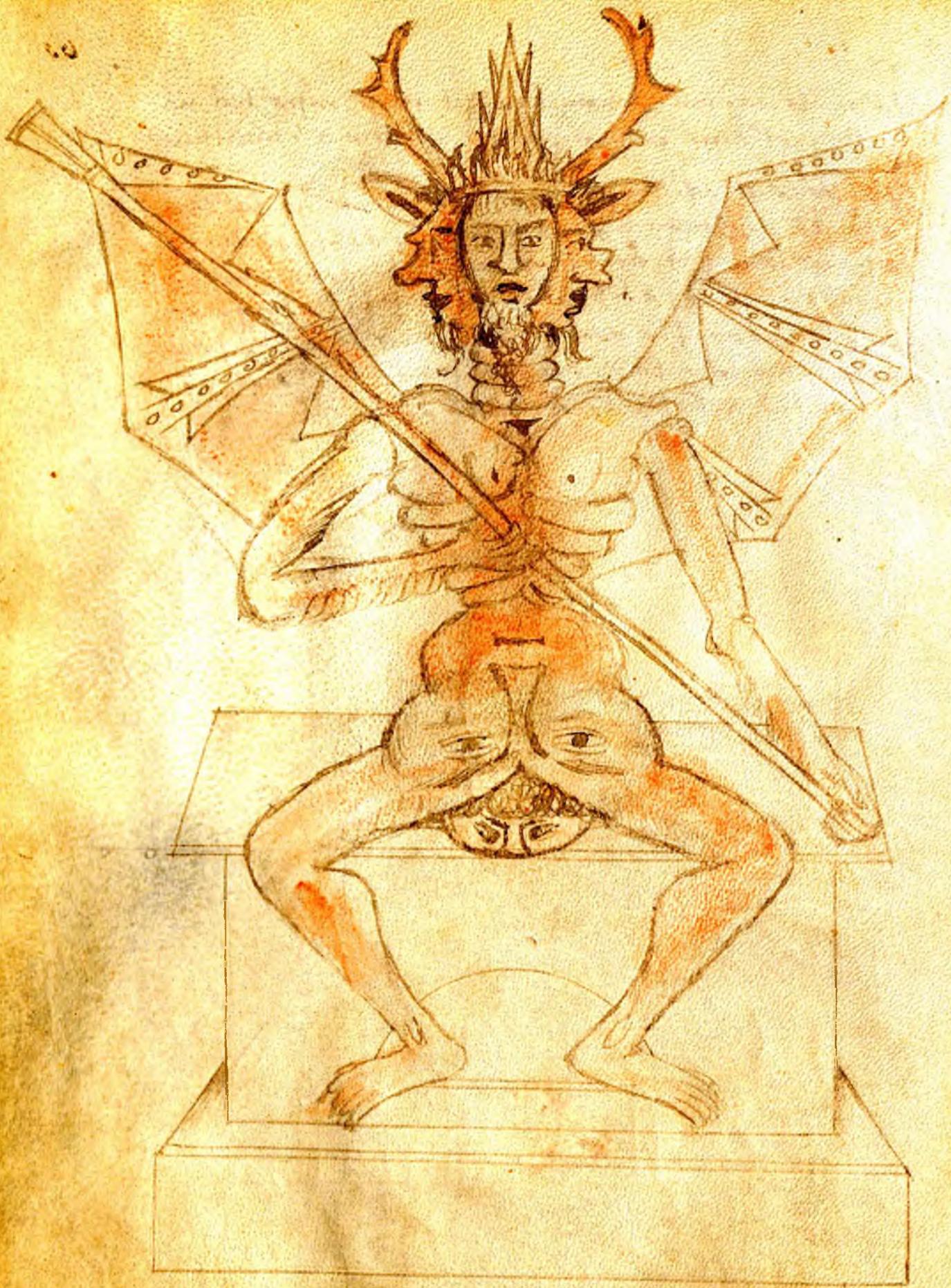
*lqd. qd. qd. qd. qd. qd. qd. qd.
qd. qd. qd. qd. qd. qd. qd. qd.*





Fons sarcenioris aquam spargit unde rapiit sed non
est perfectus eo quod proportio continuo minuitur.



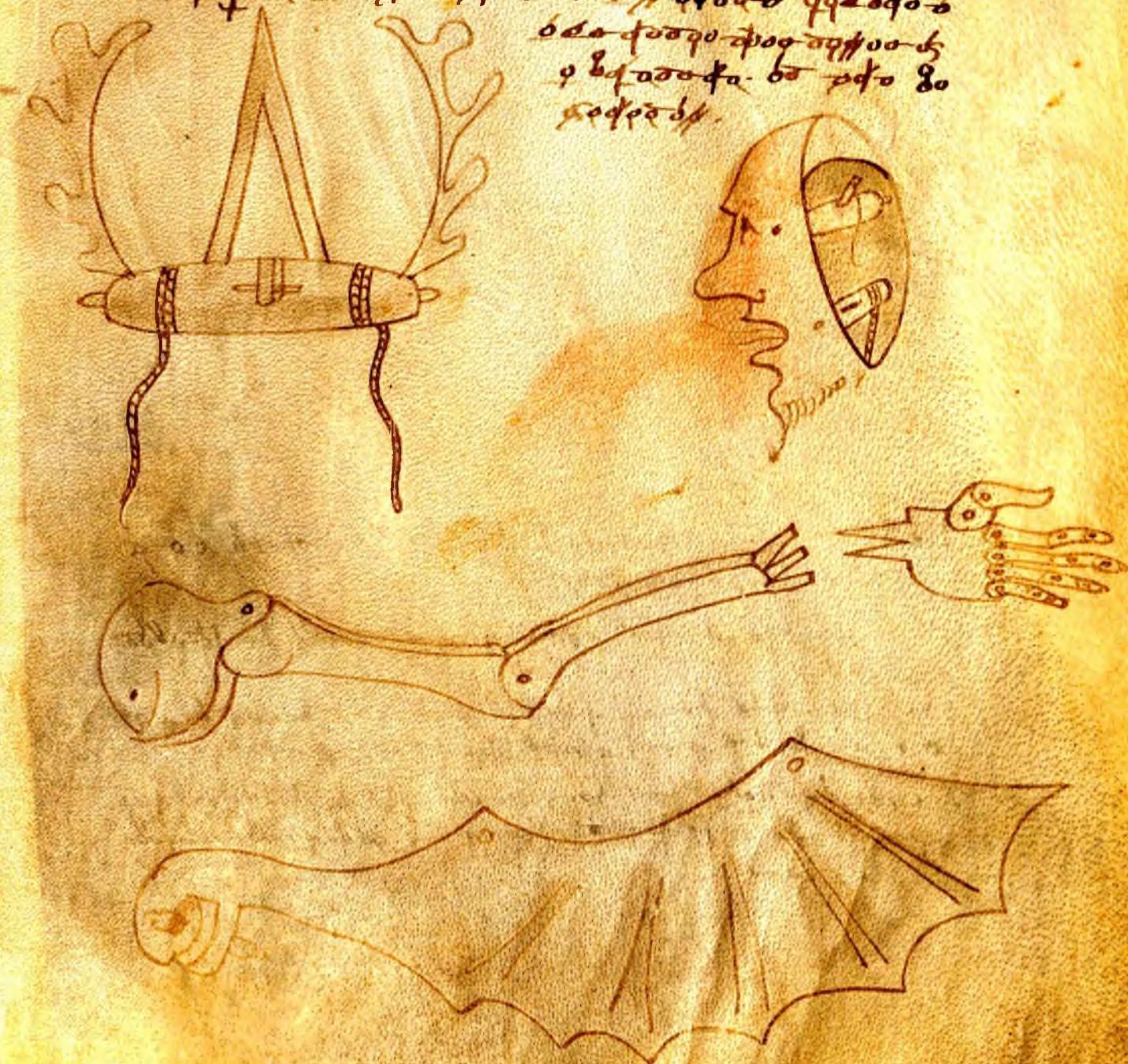


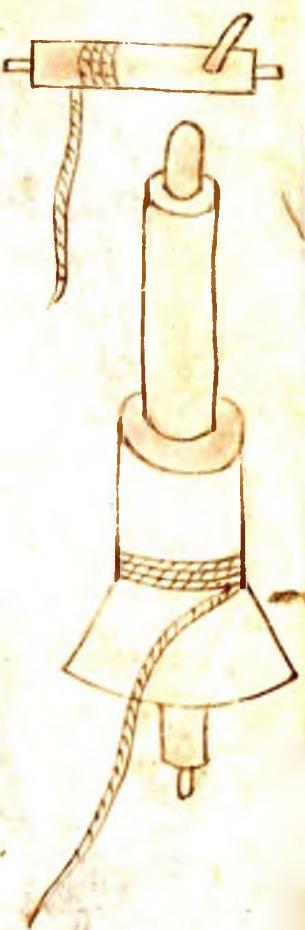
Dyaboli artificiosi olim in tenebris aspiranter
opus ingeniosissimum.

Quodlibet quod est ad quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet.

Quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet.

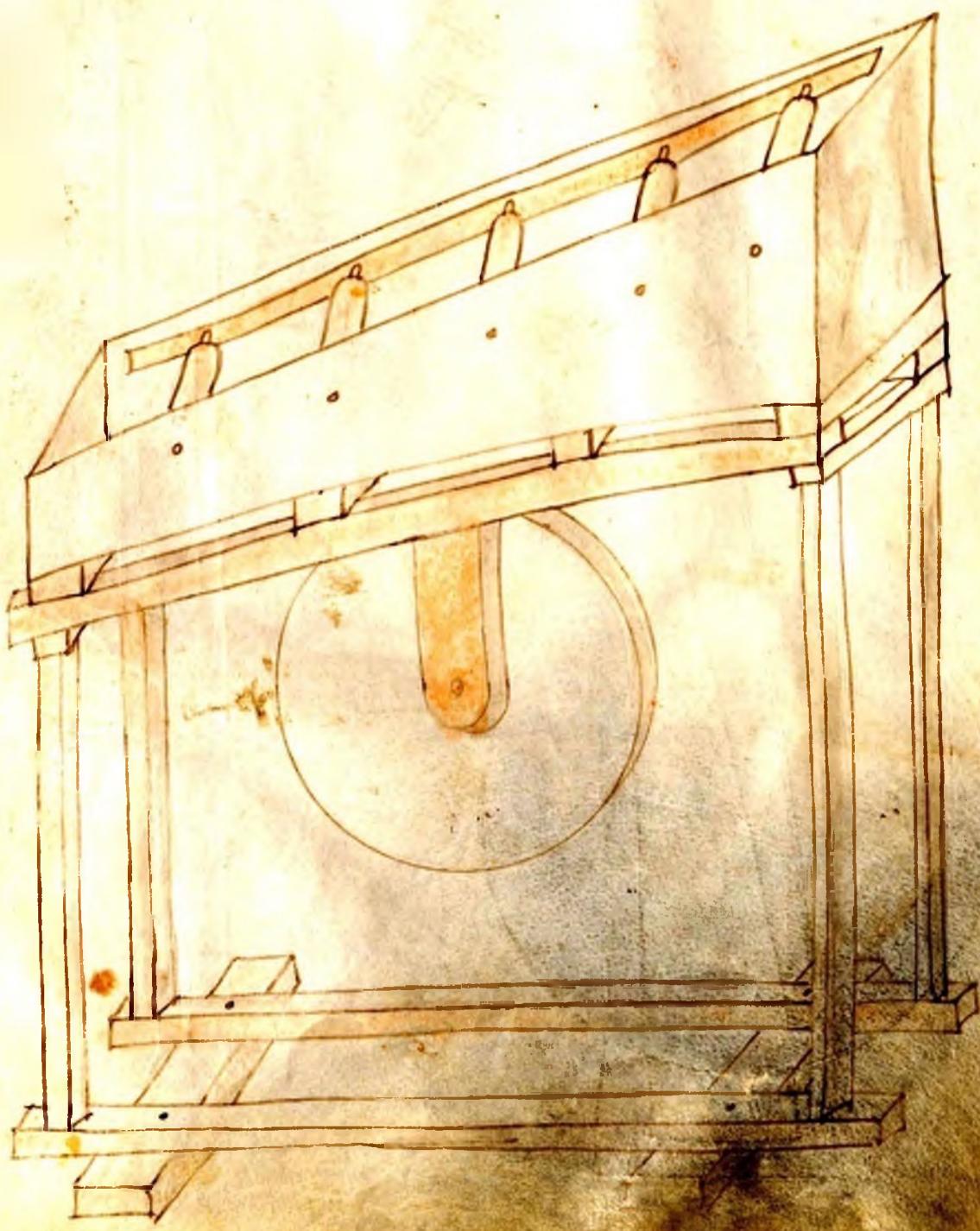
Quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet
quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet quodlibet.

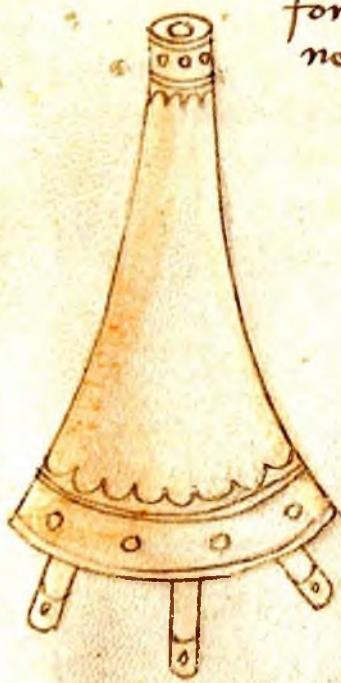
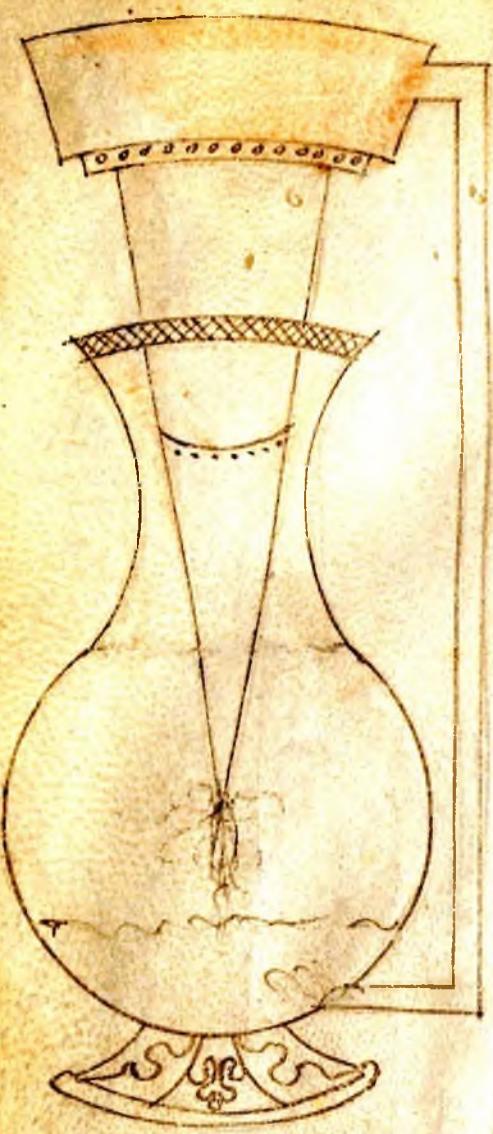




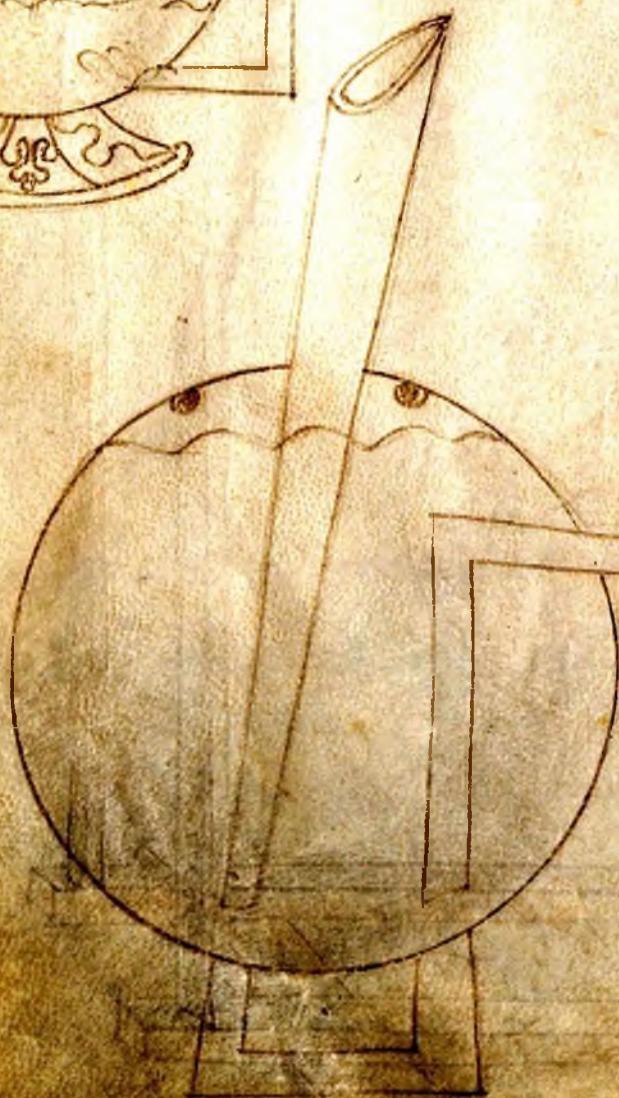
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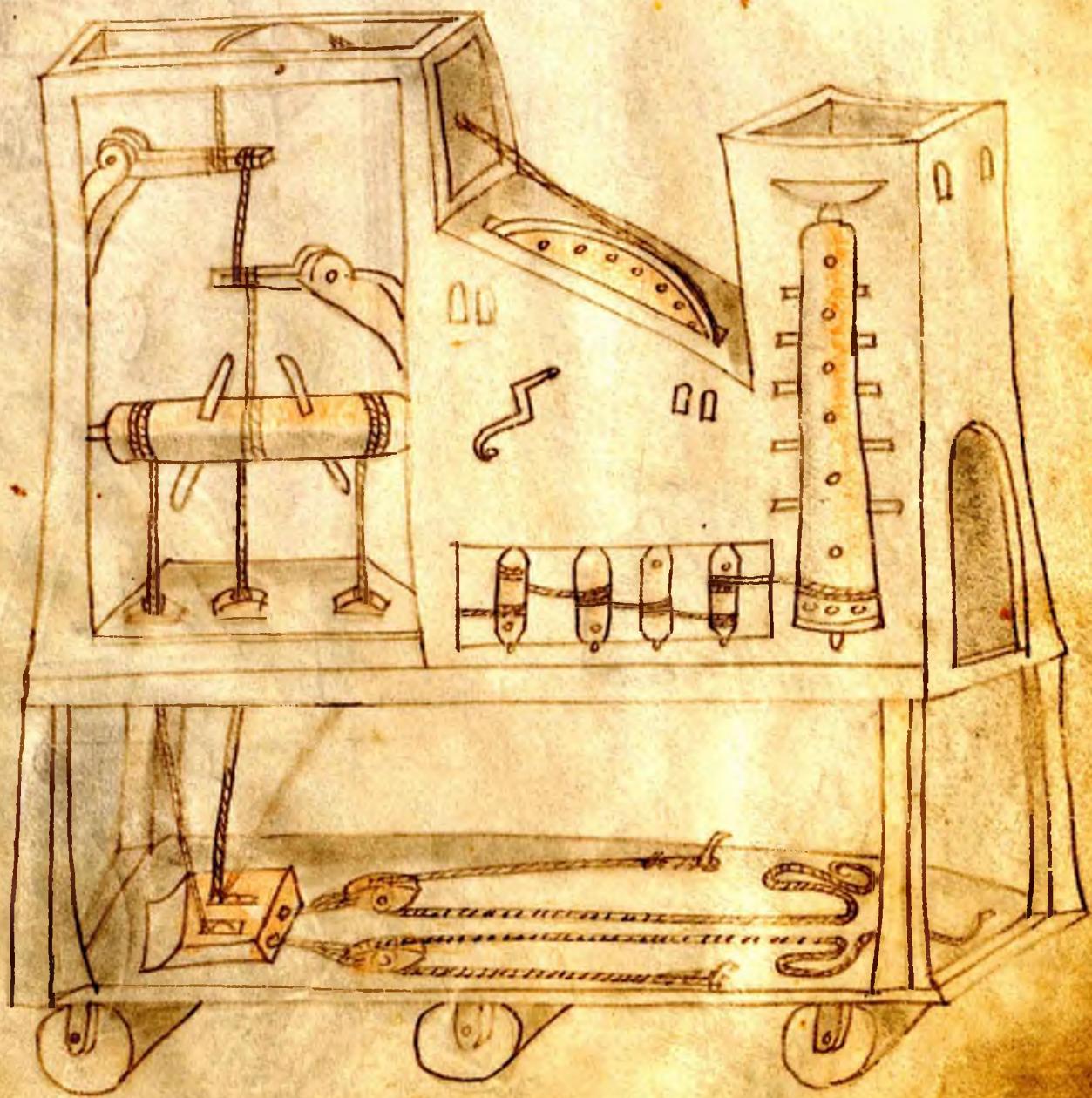




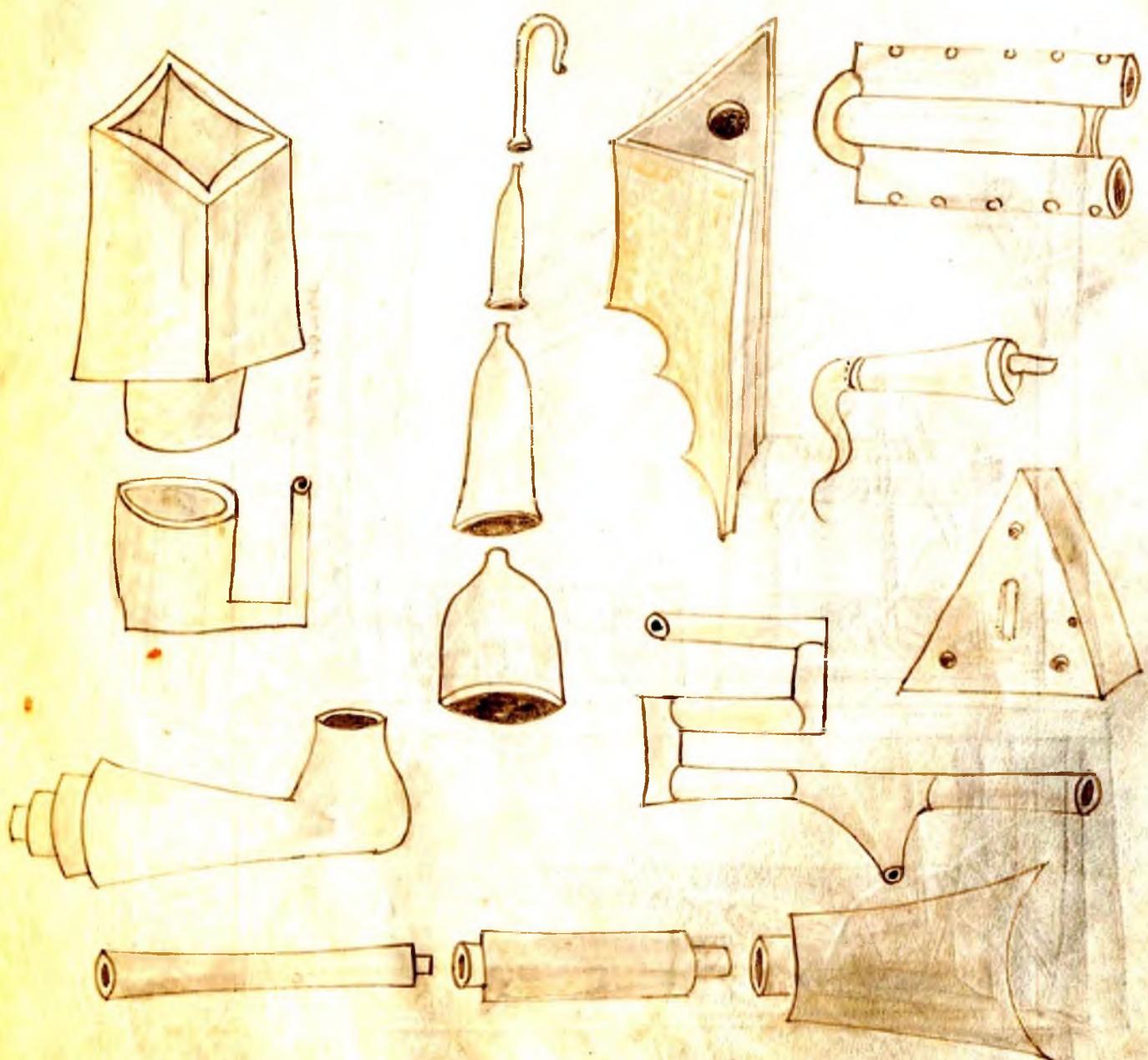
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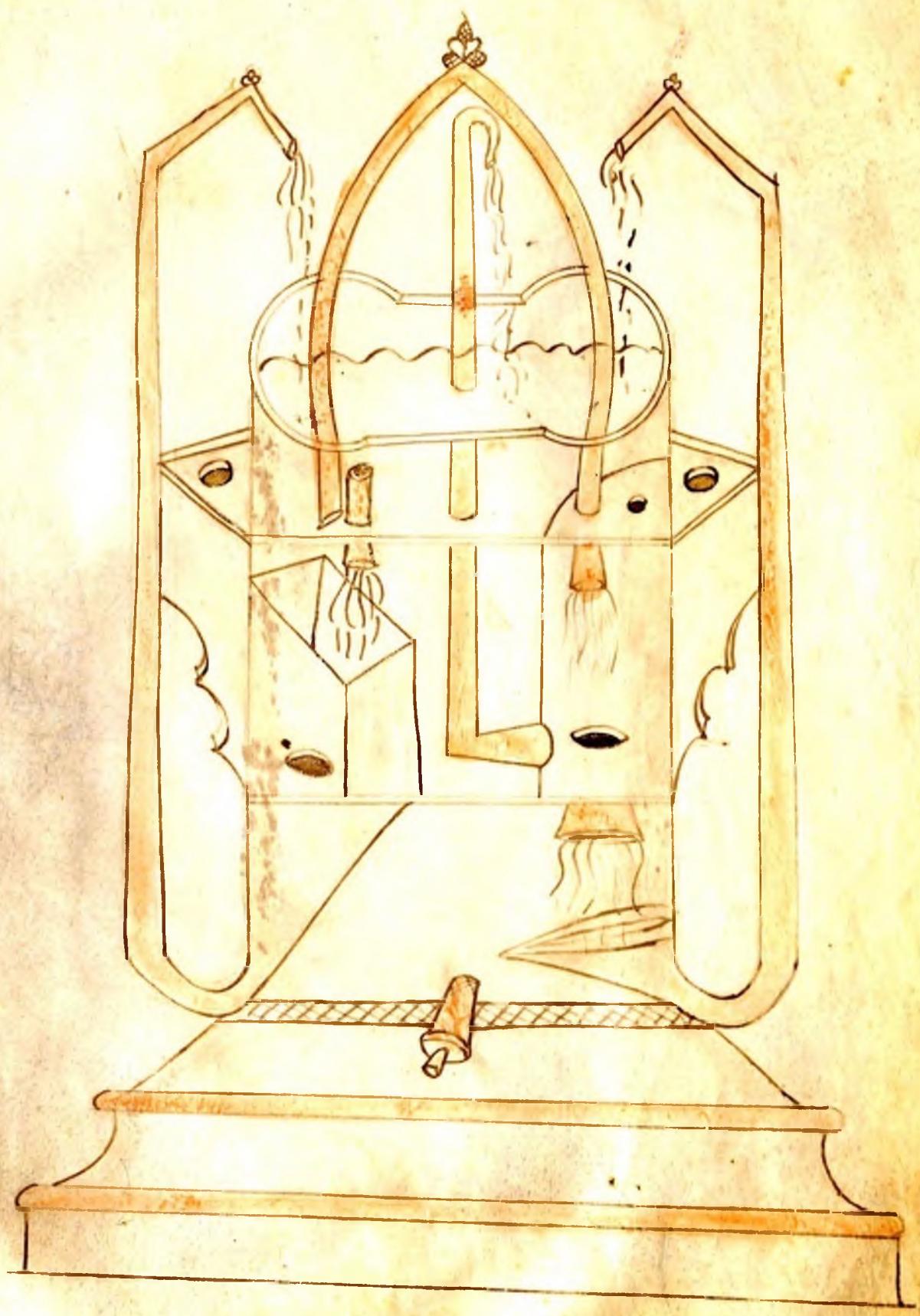


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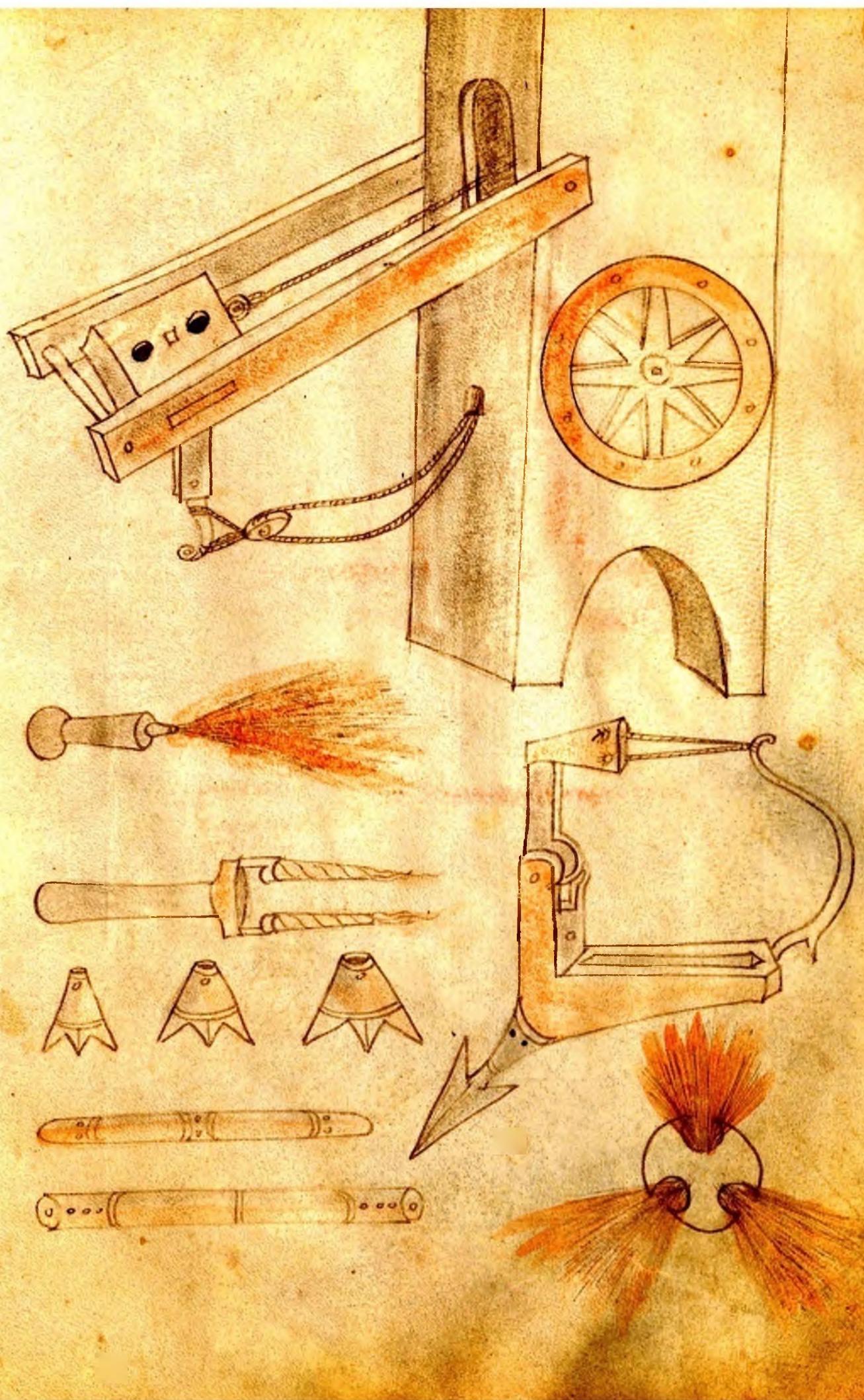


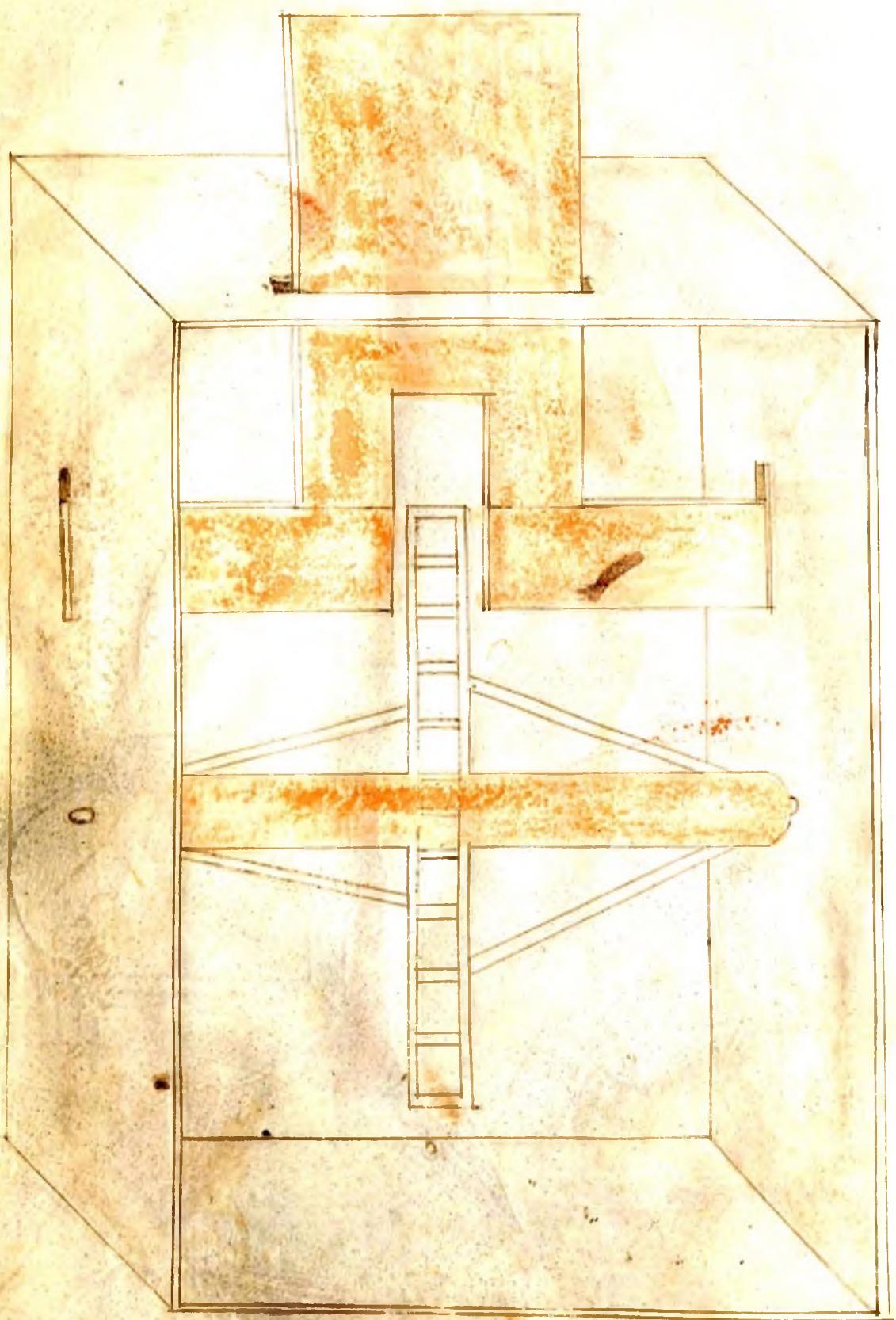
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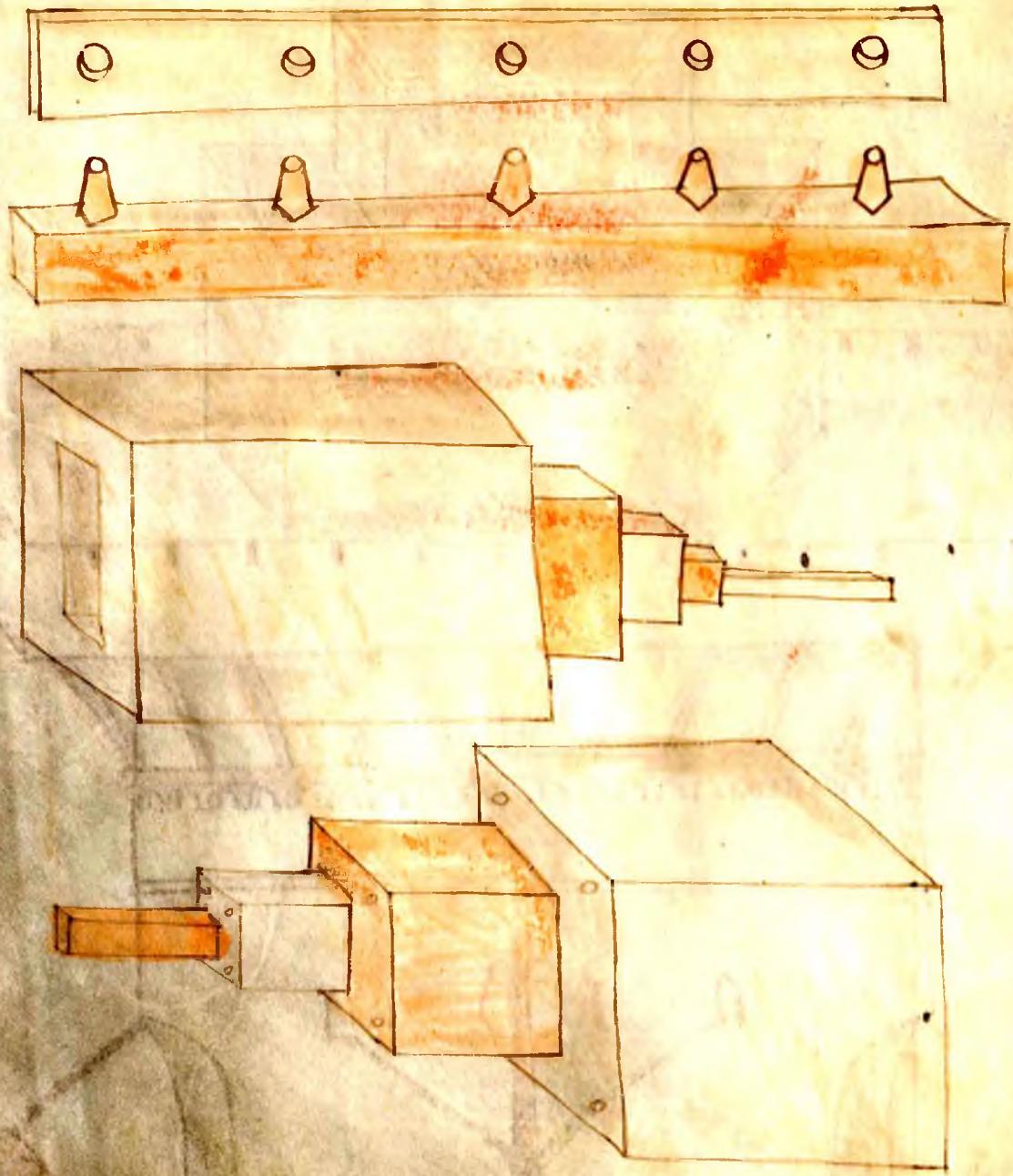




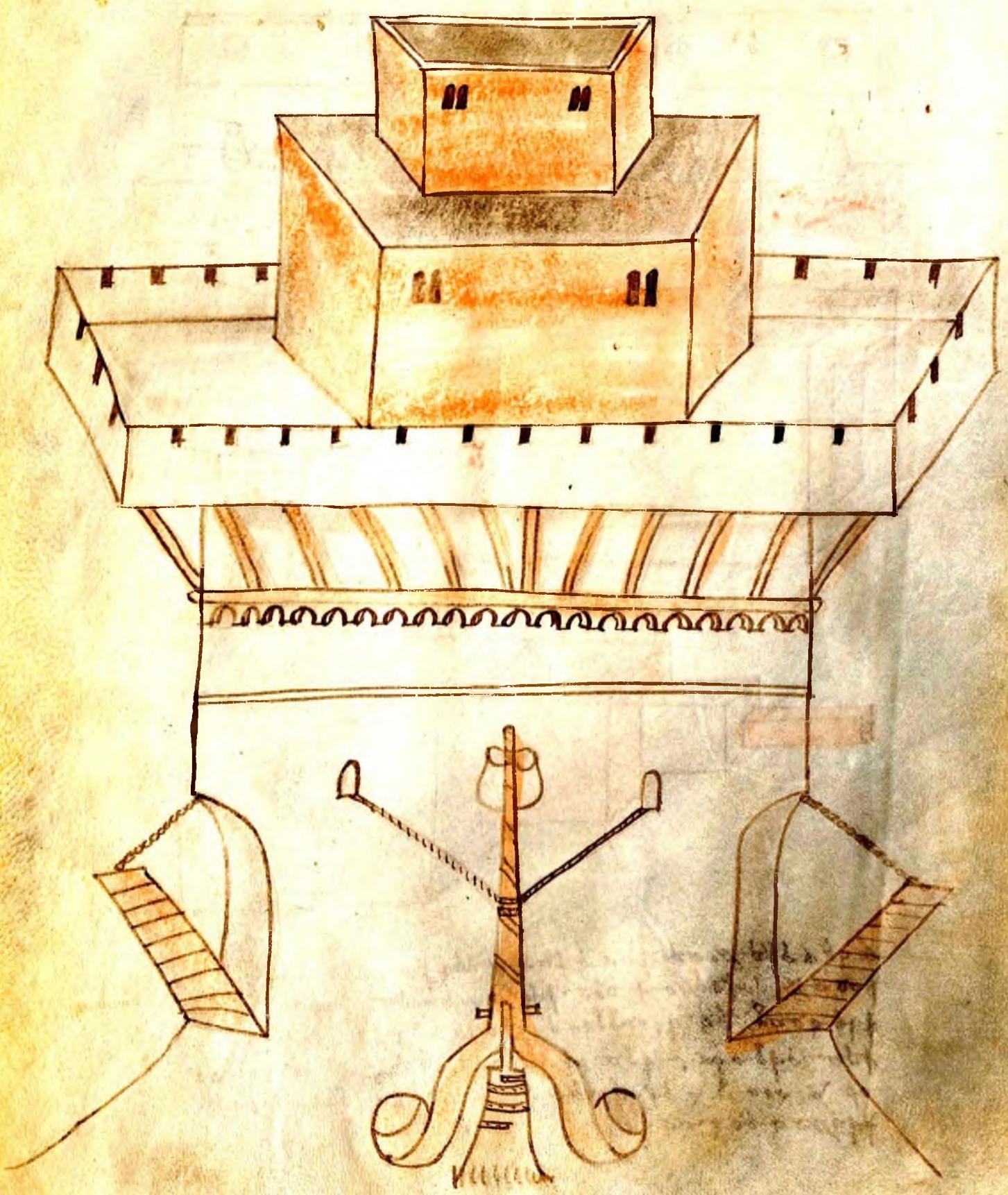




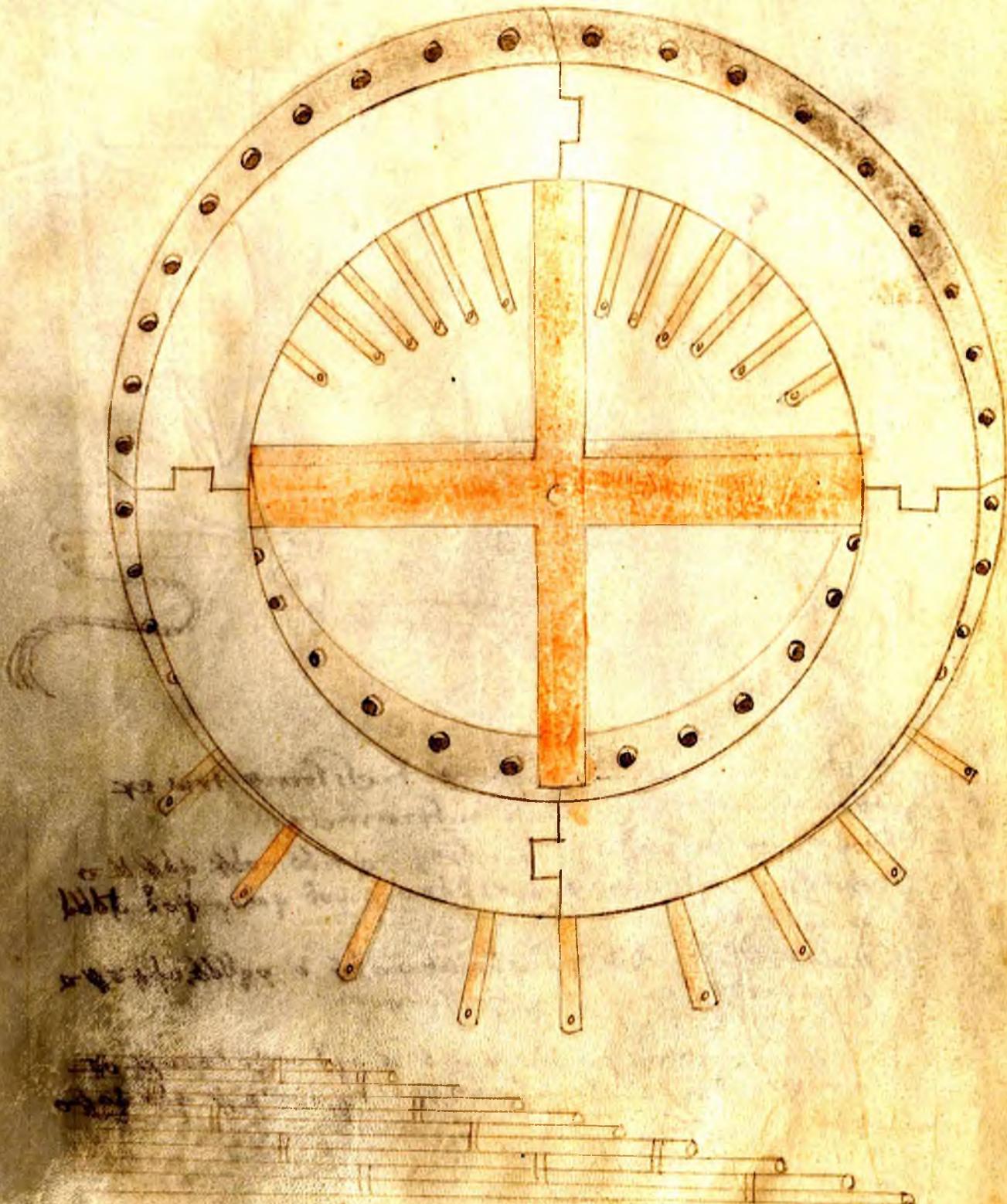


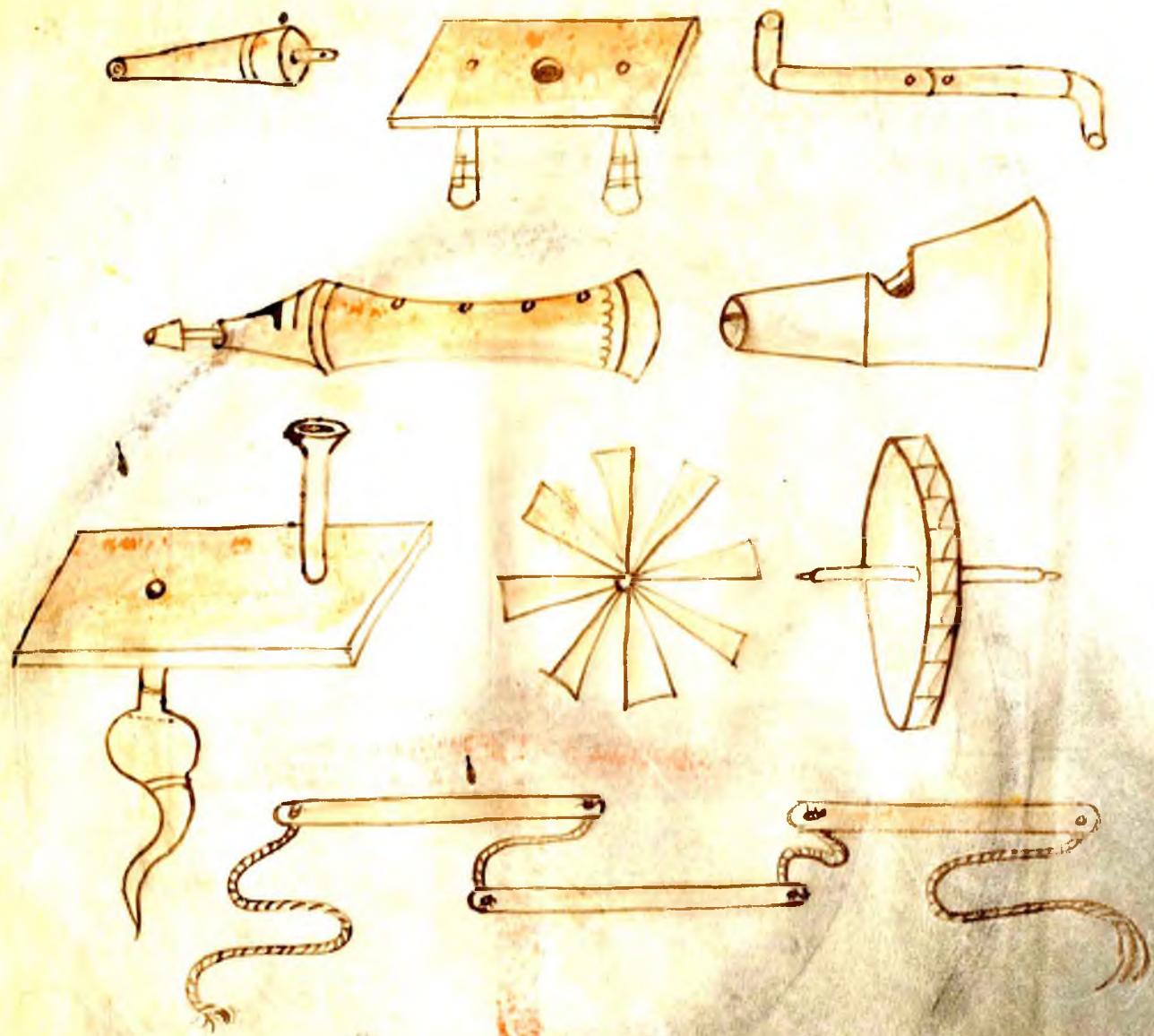


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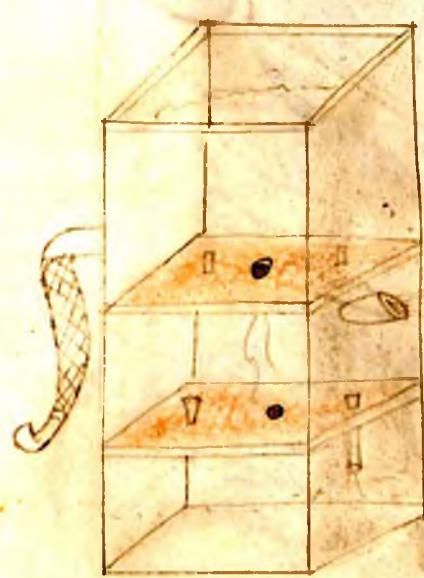
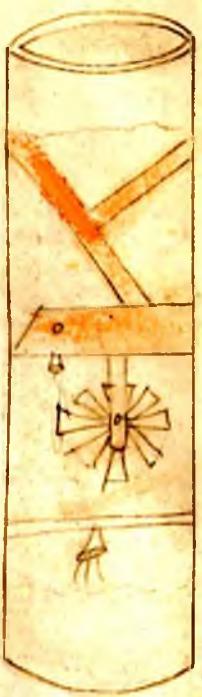
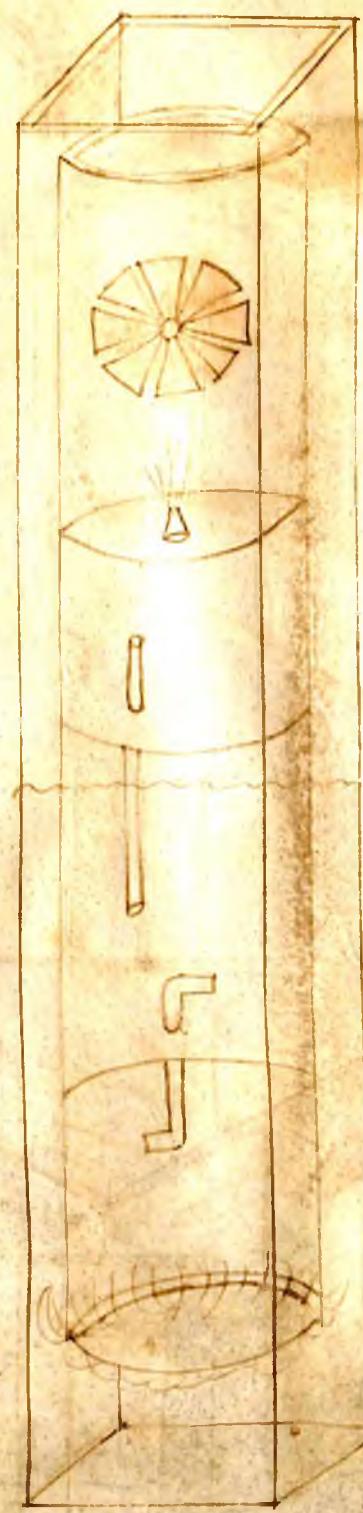
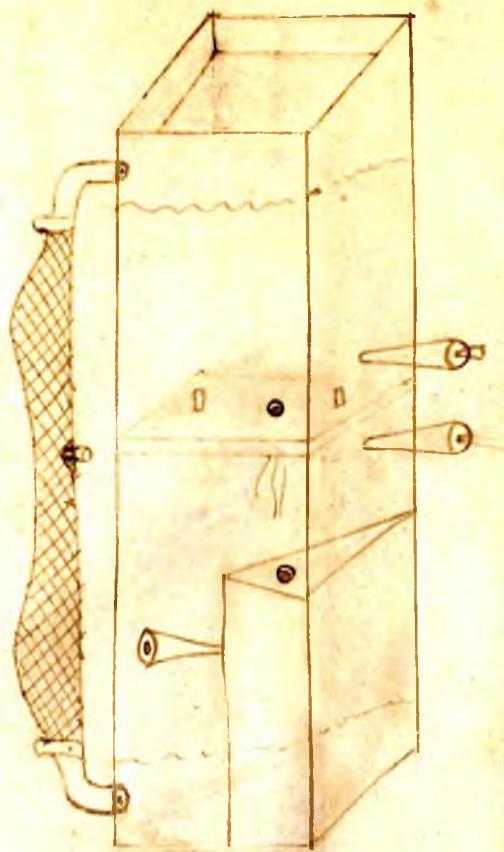




Subflatores. Venefex. et Resistores tria ex
uno fundamento sunt instrumenta.

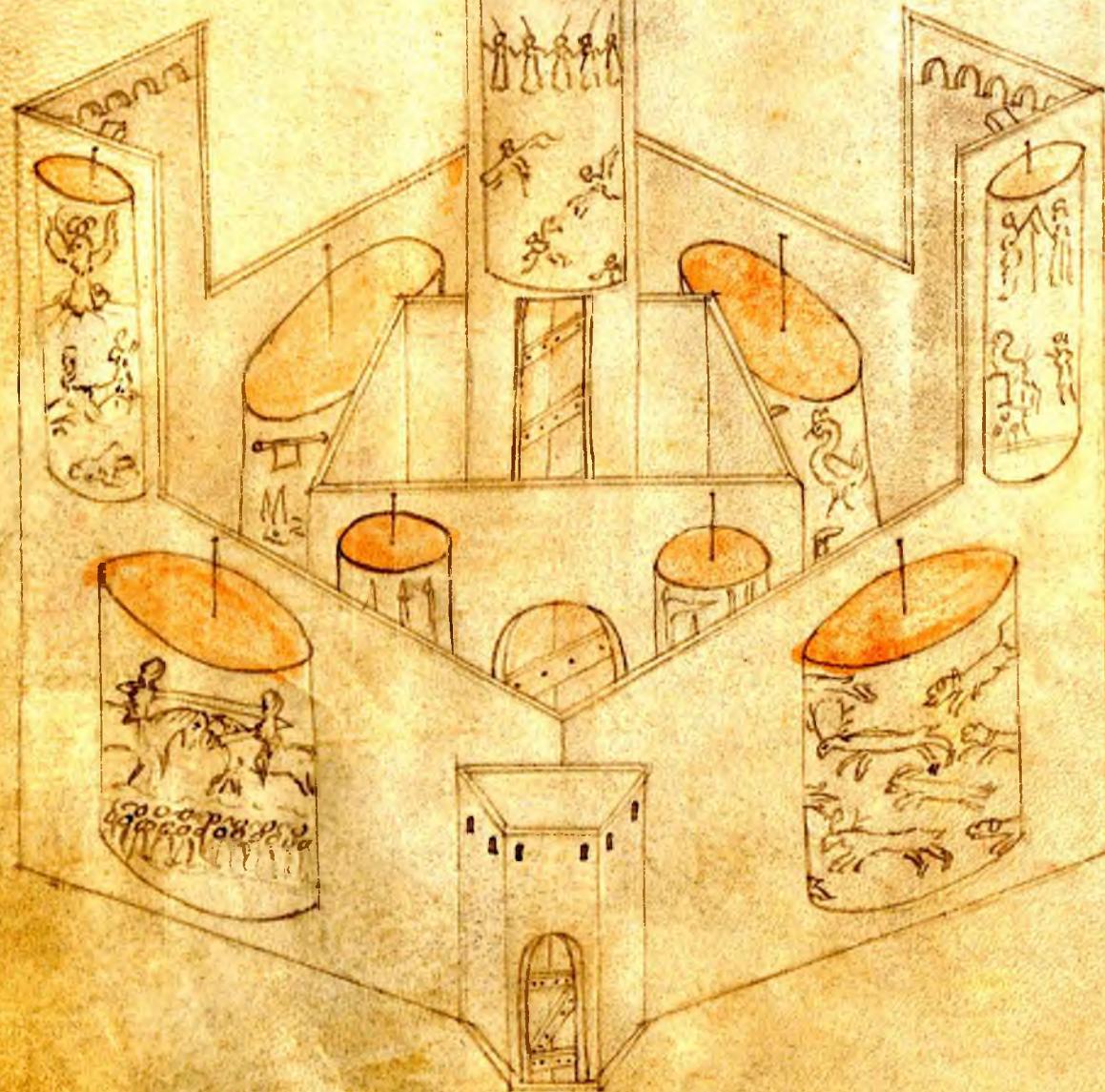
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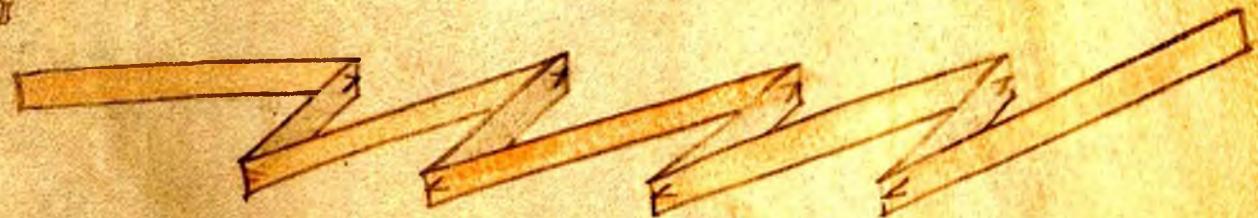
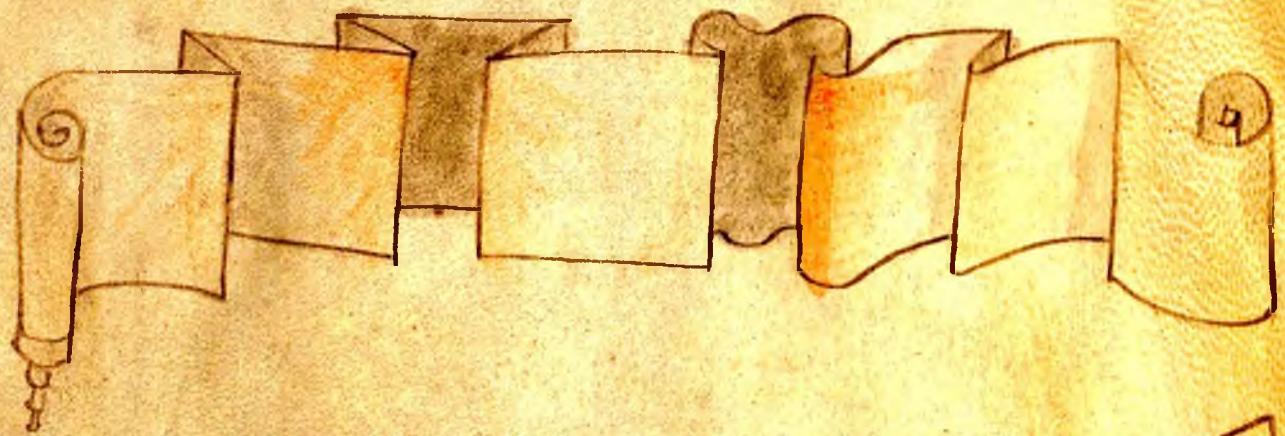
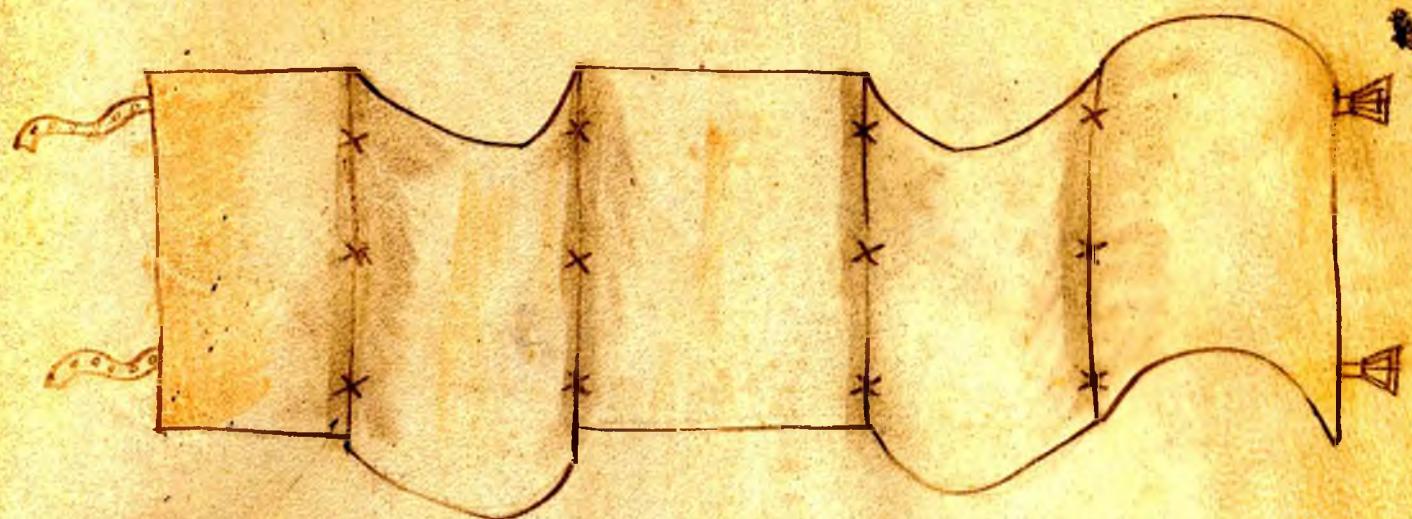
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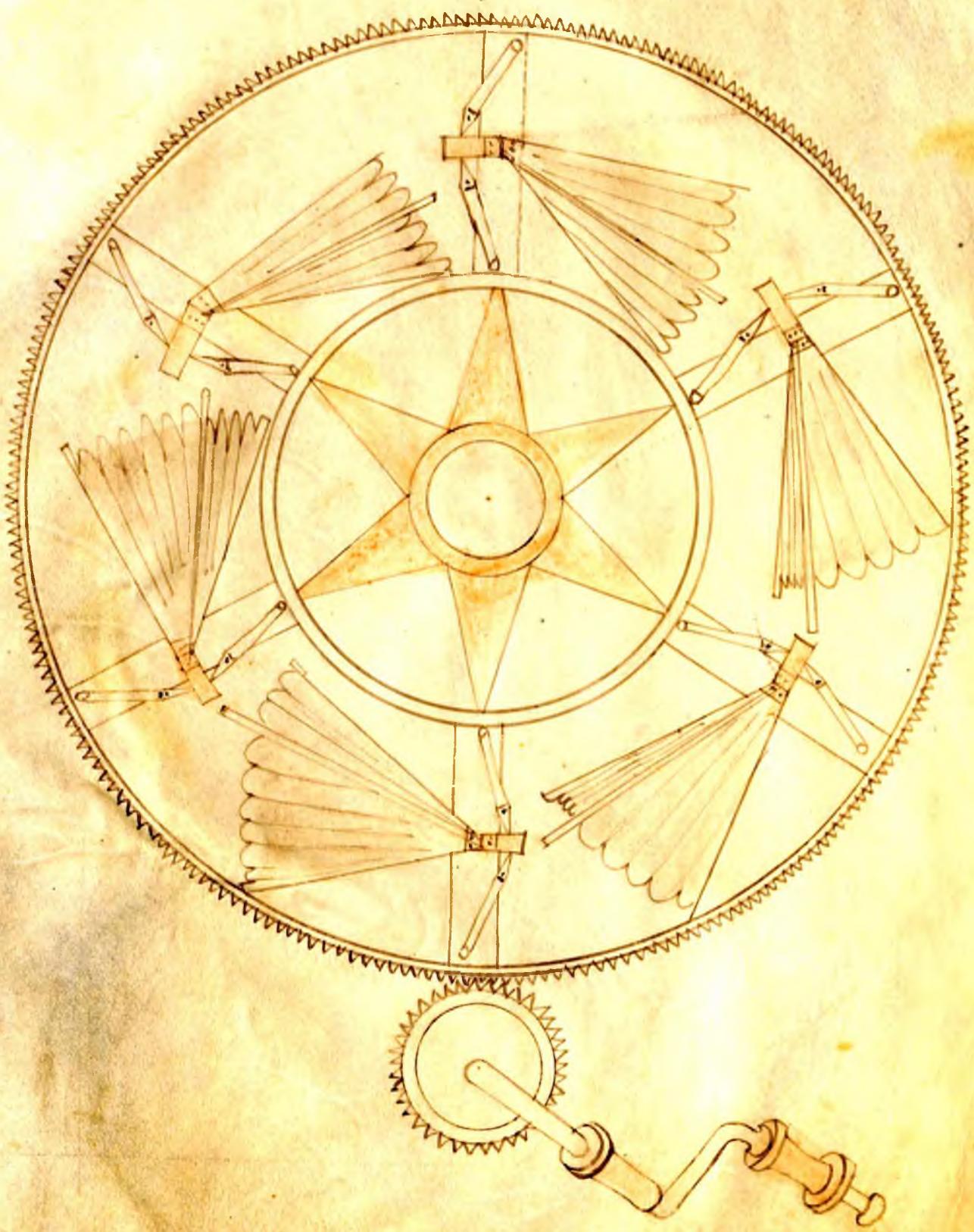




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