

Ferguson's lectures on select subjects in mechanics, hydrostatics, pneumatics, optics, geography, astronomy, and dialing. With notes and an appendix adapted to the present state of the arts and sciences / by David Brewster.

Contributors

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Publication/Creation

Edinburgh : Printed for Bell & Bradfute, J. Fairbairn : Mundell, Doig, & Stevenson, Edinburgh : J. & A. Duncan, Glasgow : and T. Ostell ... London, 1806.

Persistent URL

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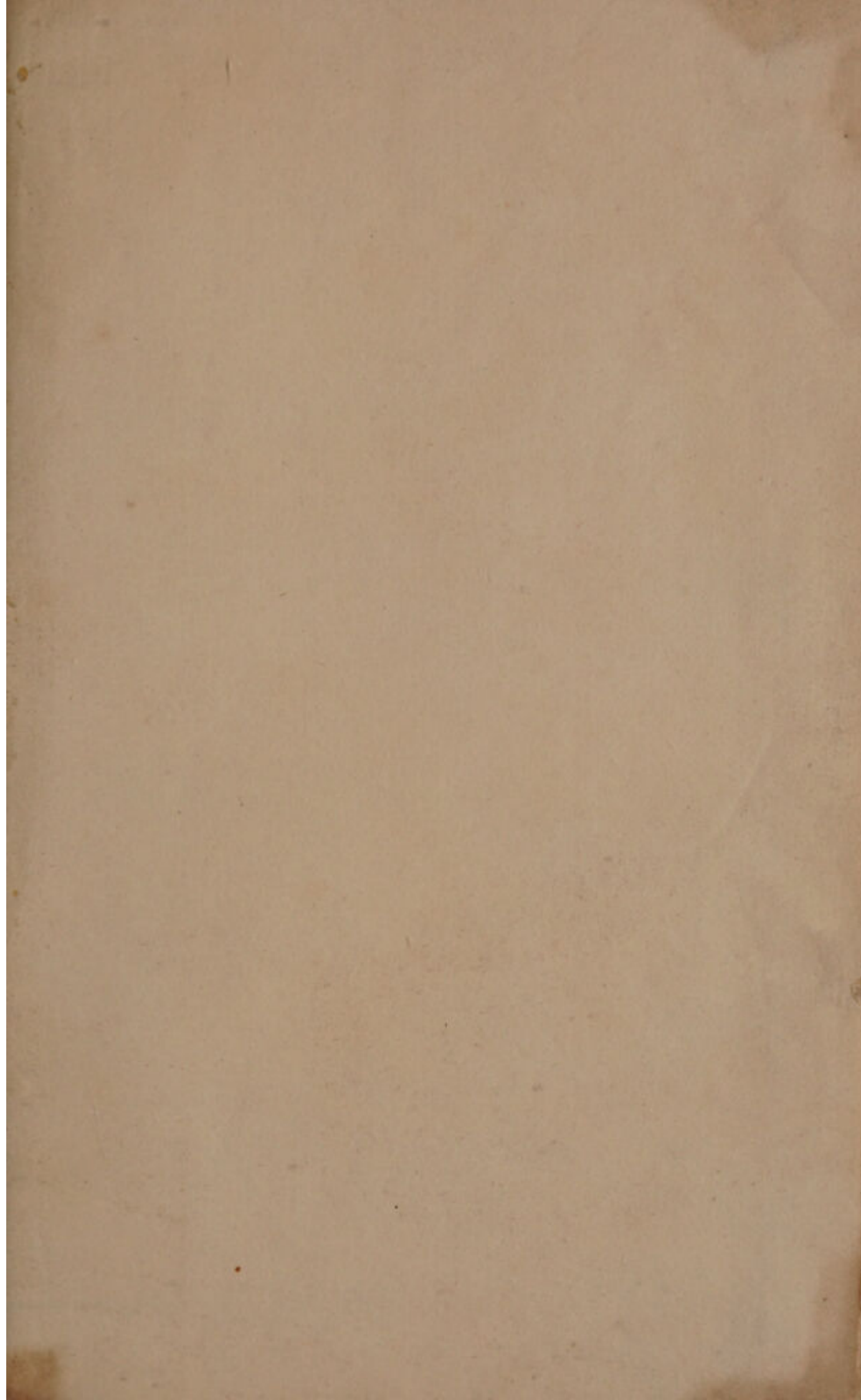


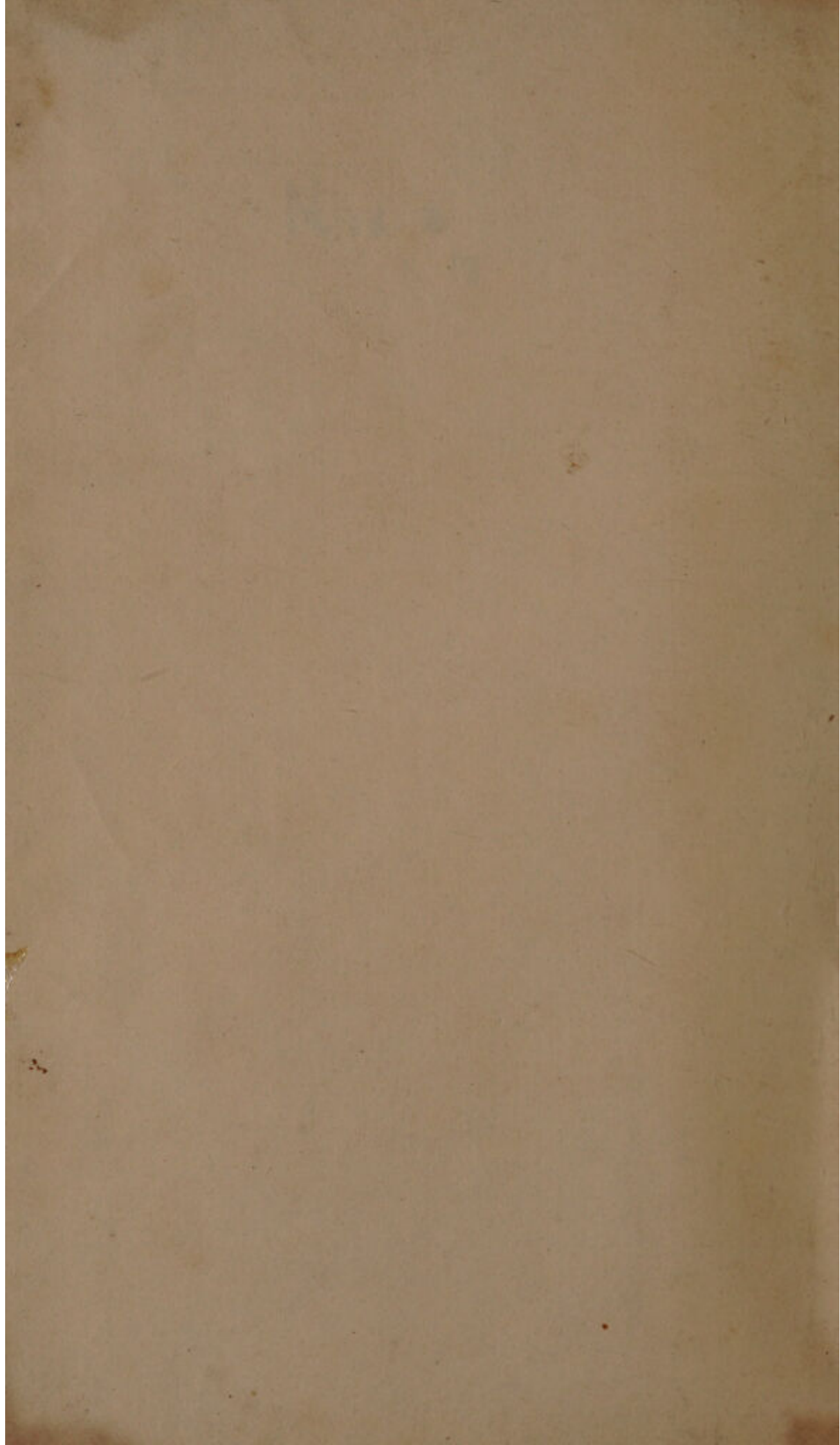
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PLATES

ILLUSTRATIVE

OF

James

FERGUSON'S LECTURES

ON

MECHANICS, HYDROSTATICS, HYDRAULICS, PNEUMATICS,
OPTICS, GEOGRAPHY, ASTRONOMY, AND DIALING.

By DAVID BREWSTER, A.M.

THE SECOND EDITION, ENLARGED.

EDINBURGH:

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AND T. OSTELL, AVE-MARIA LANE, LONDON.

1806.

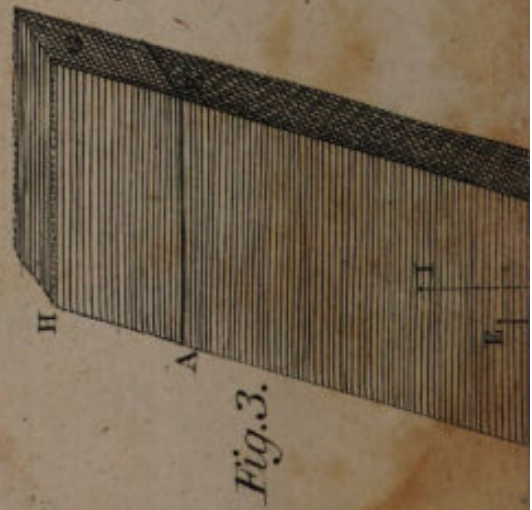
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PLATE I.

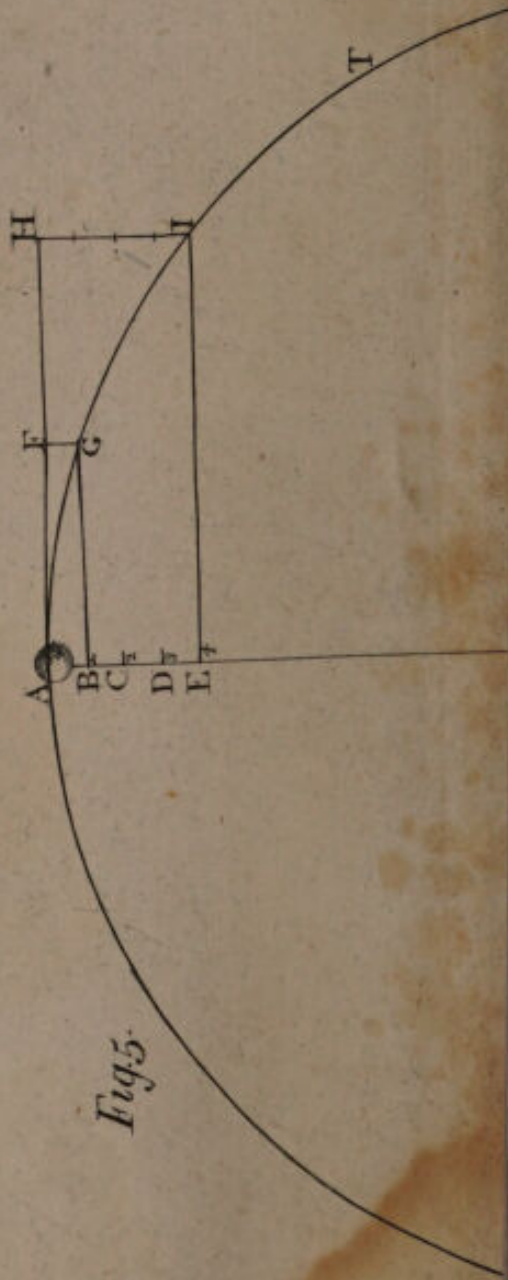
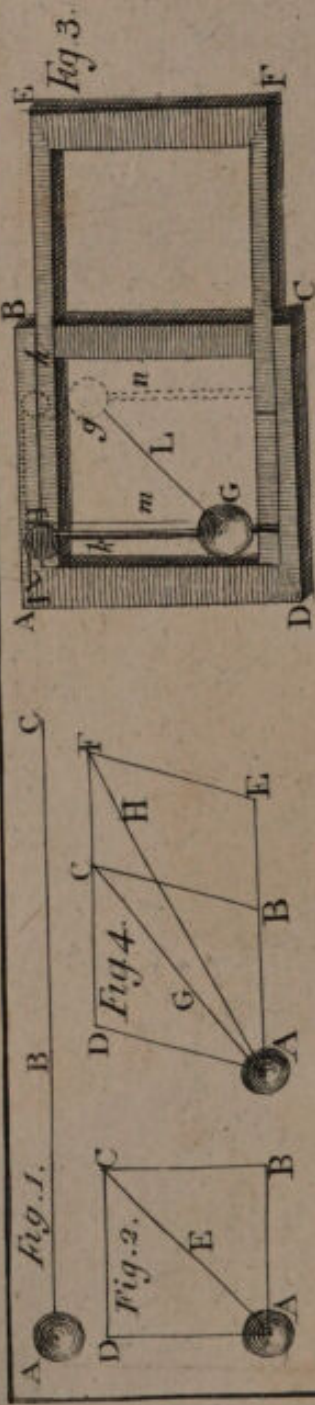
Fig. 1.



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PLATE II.



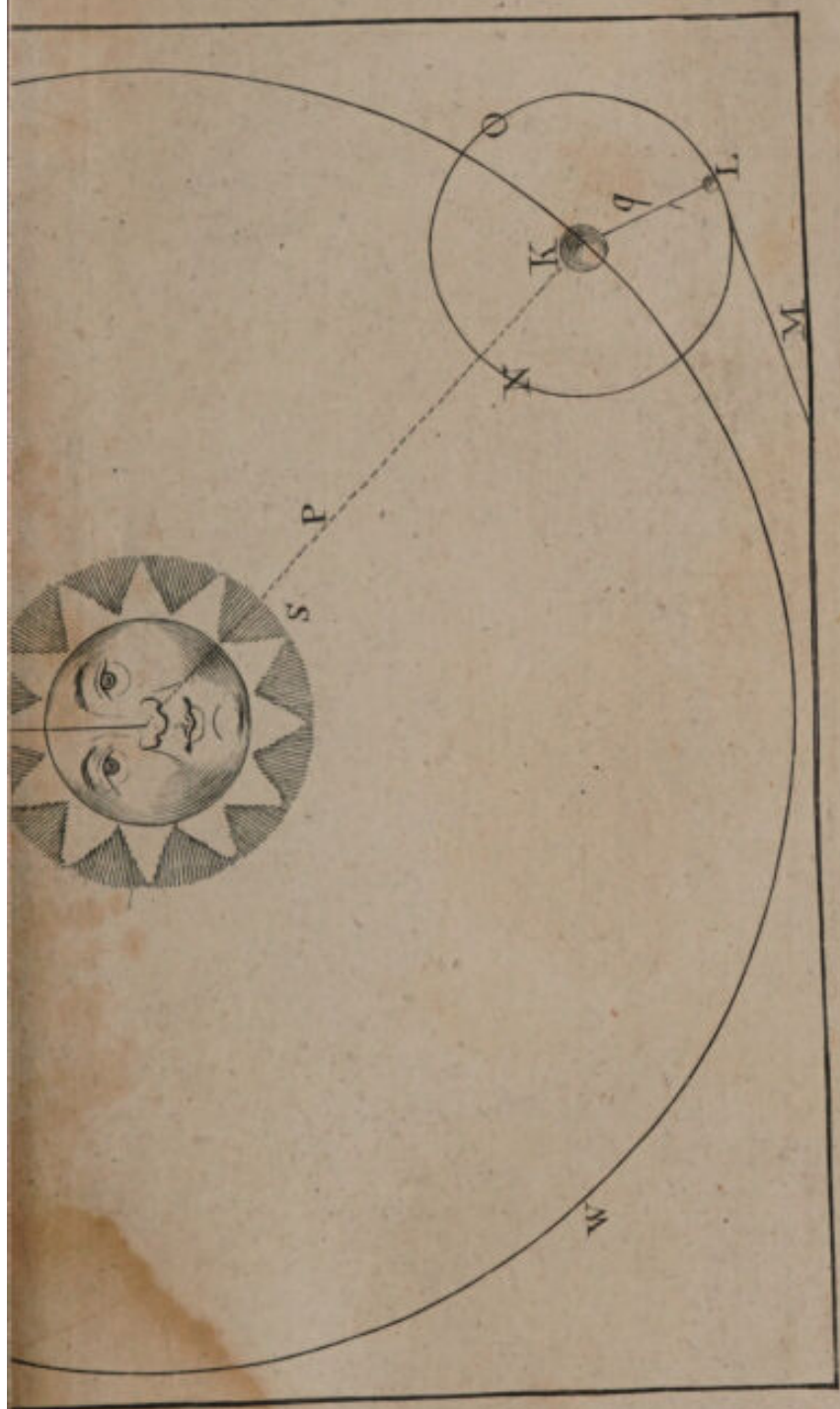
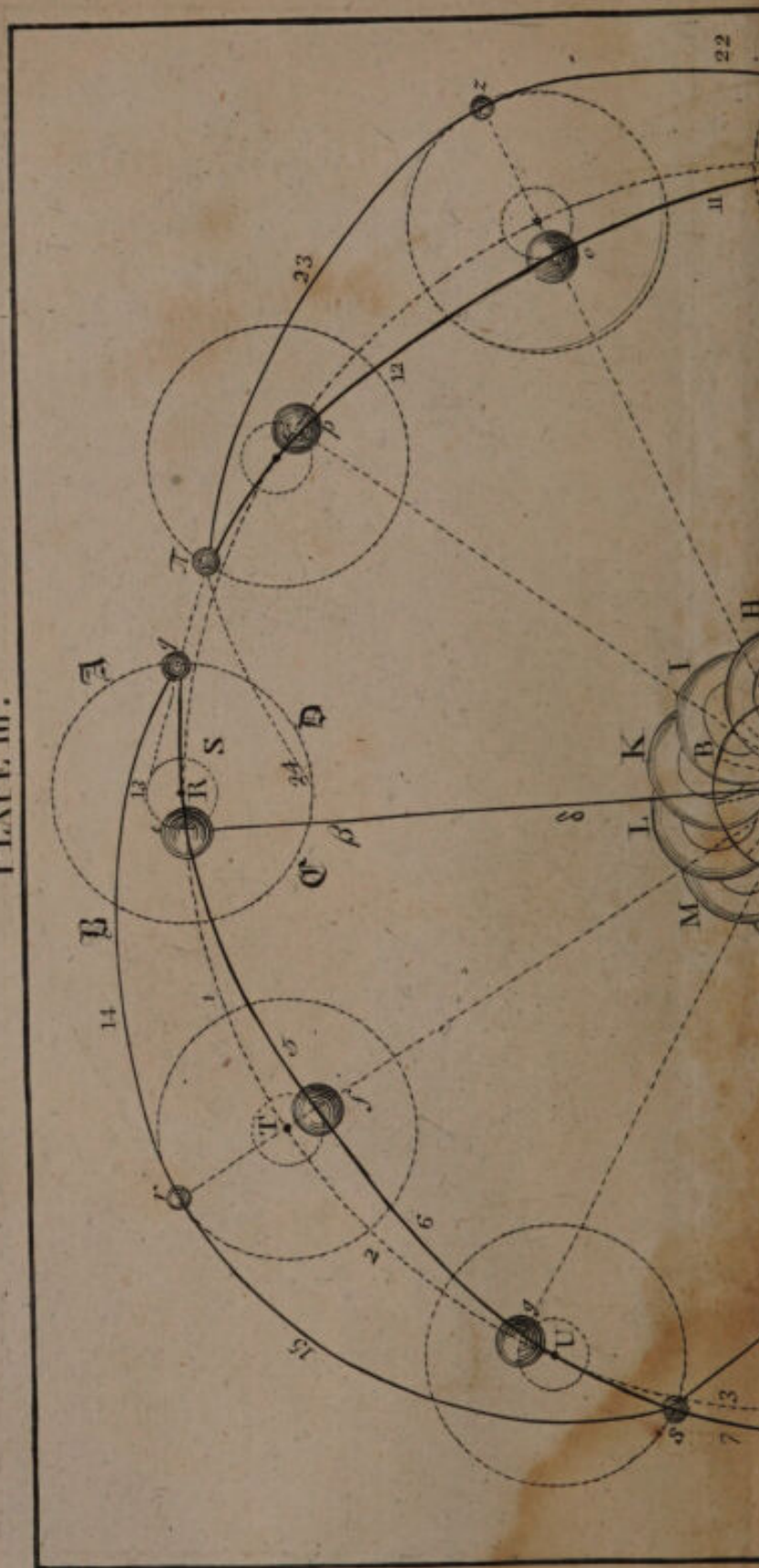






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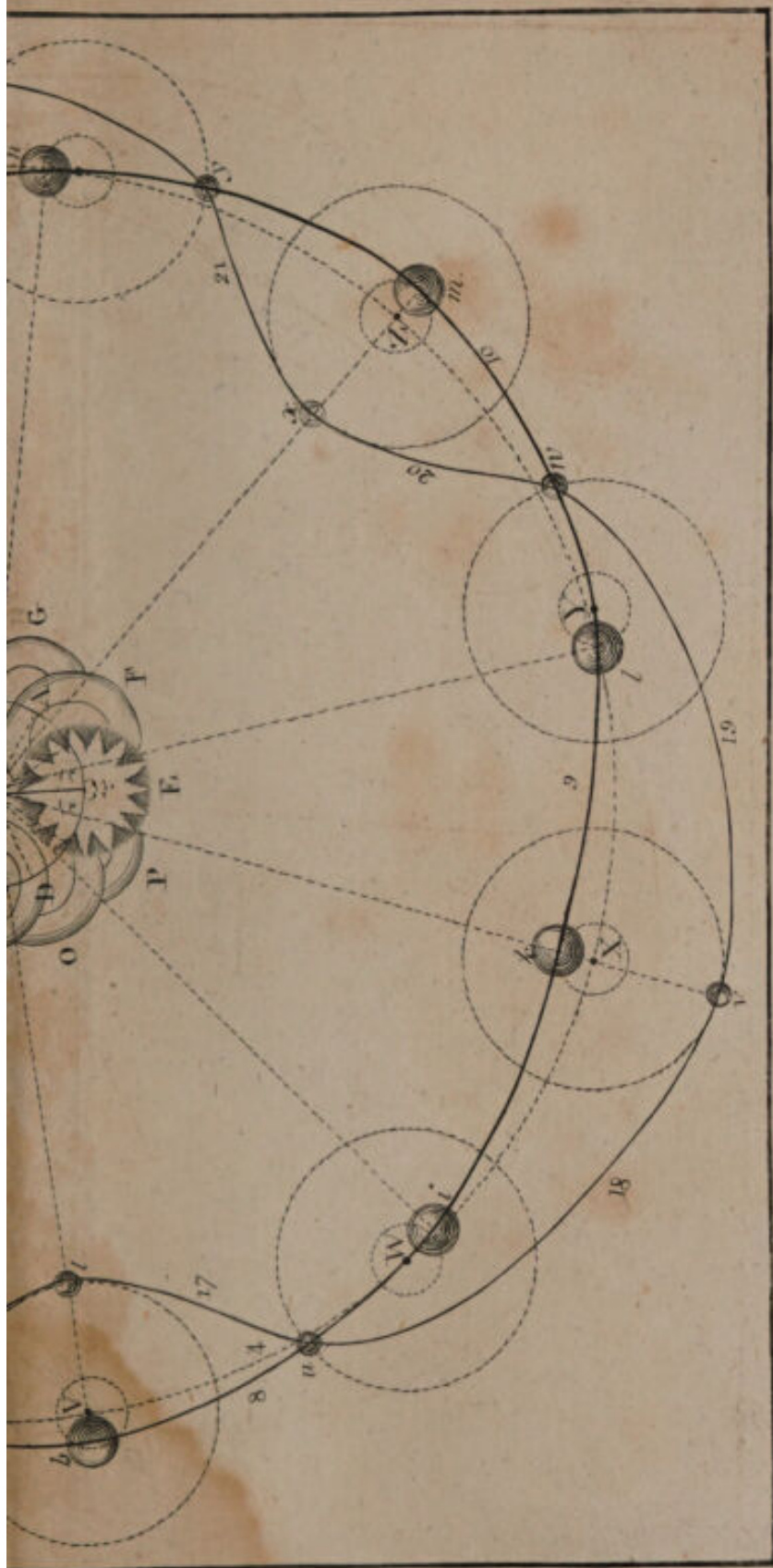






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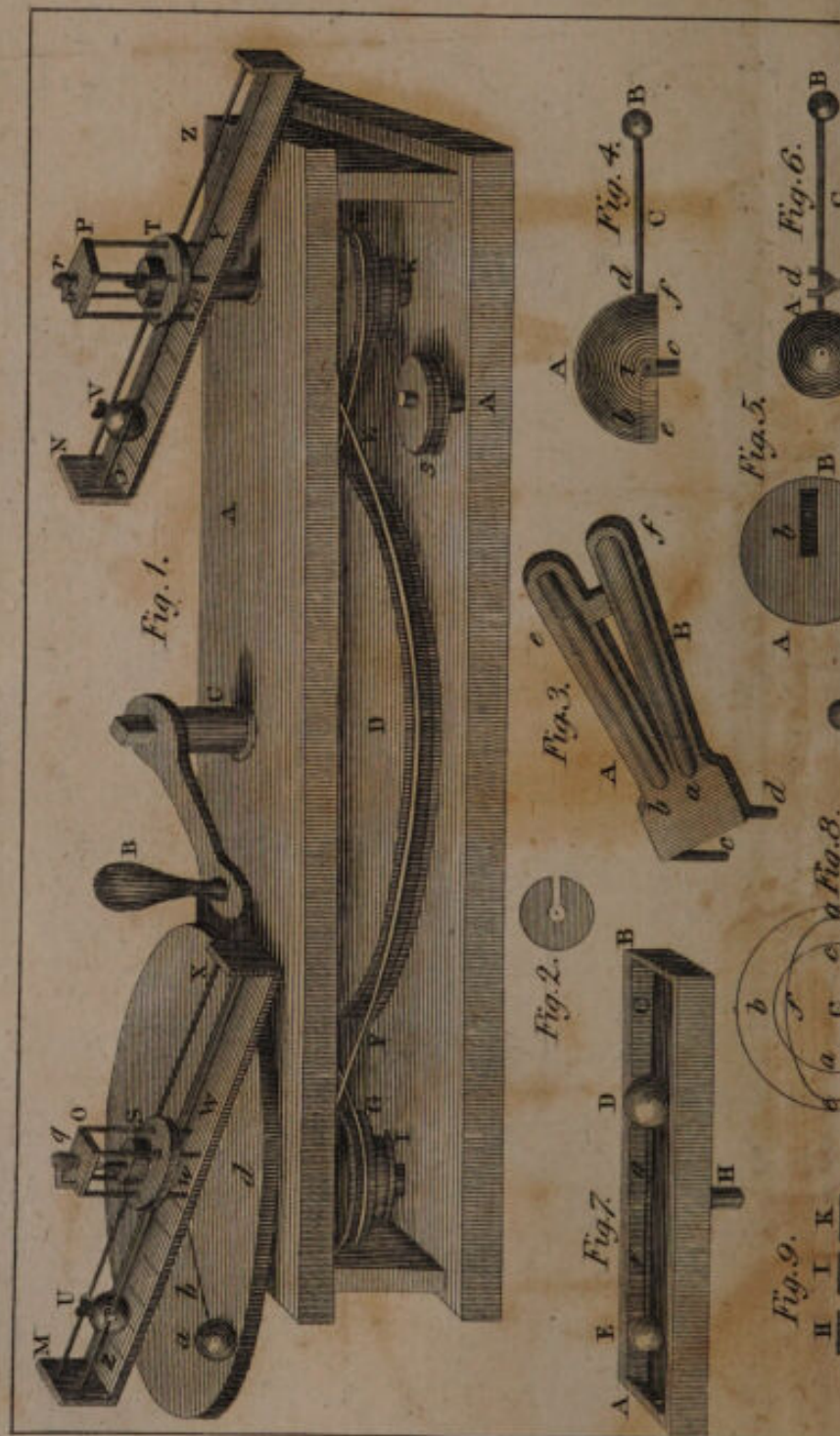




Fig. 10.

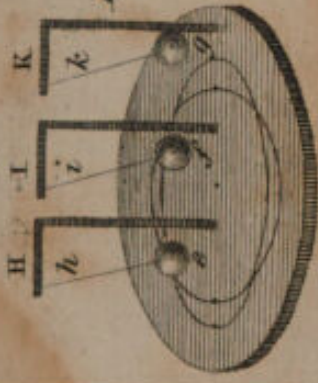


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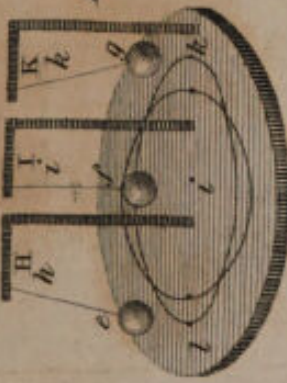
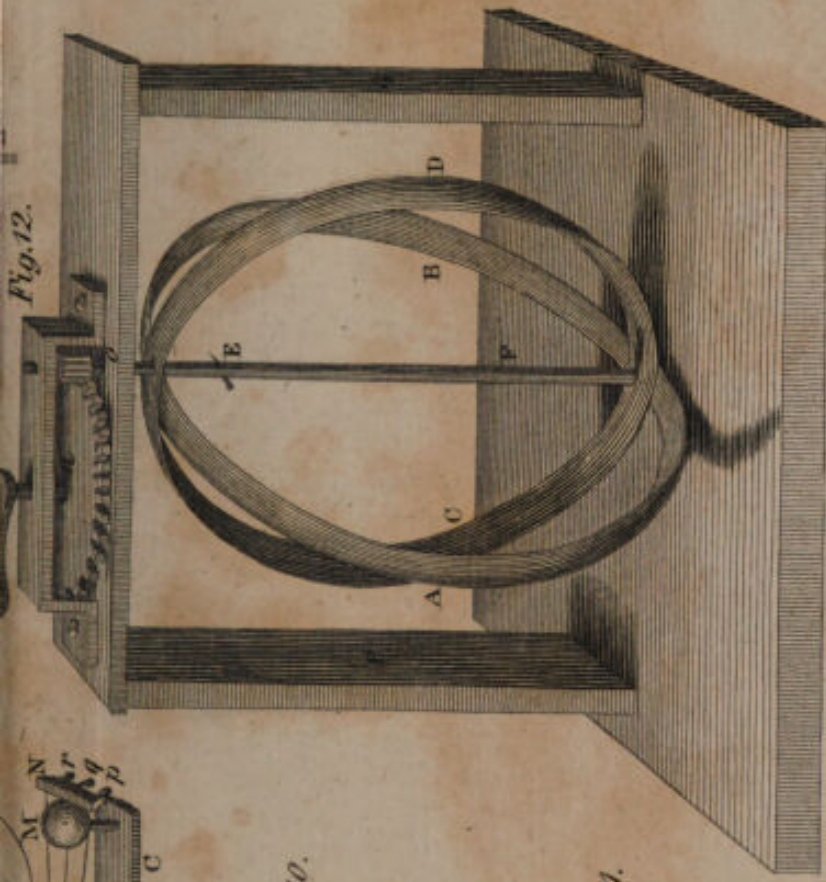


Fig. 12.



W. Moore, sculpt.





PLATE V.

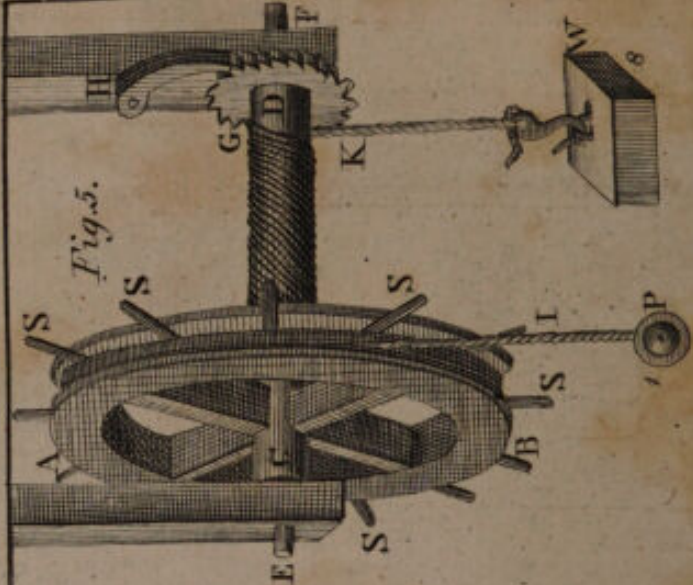


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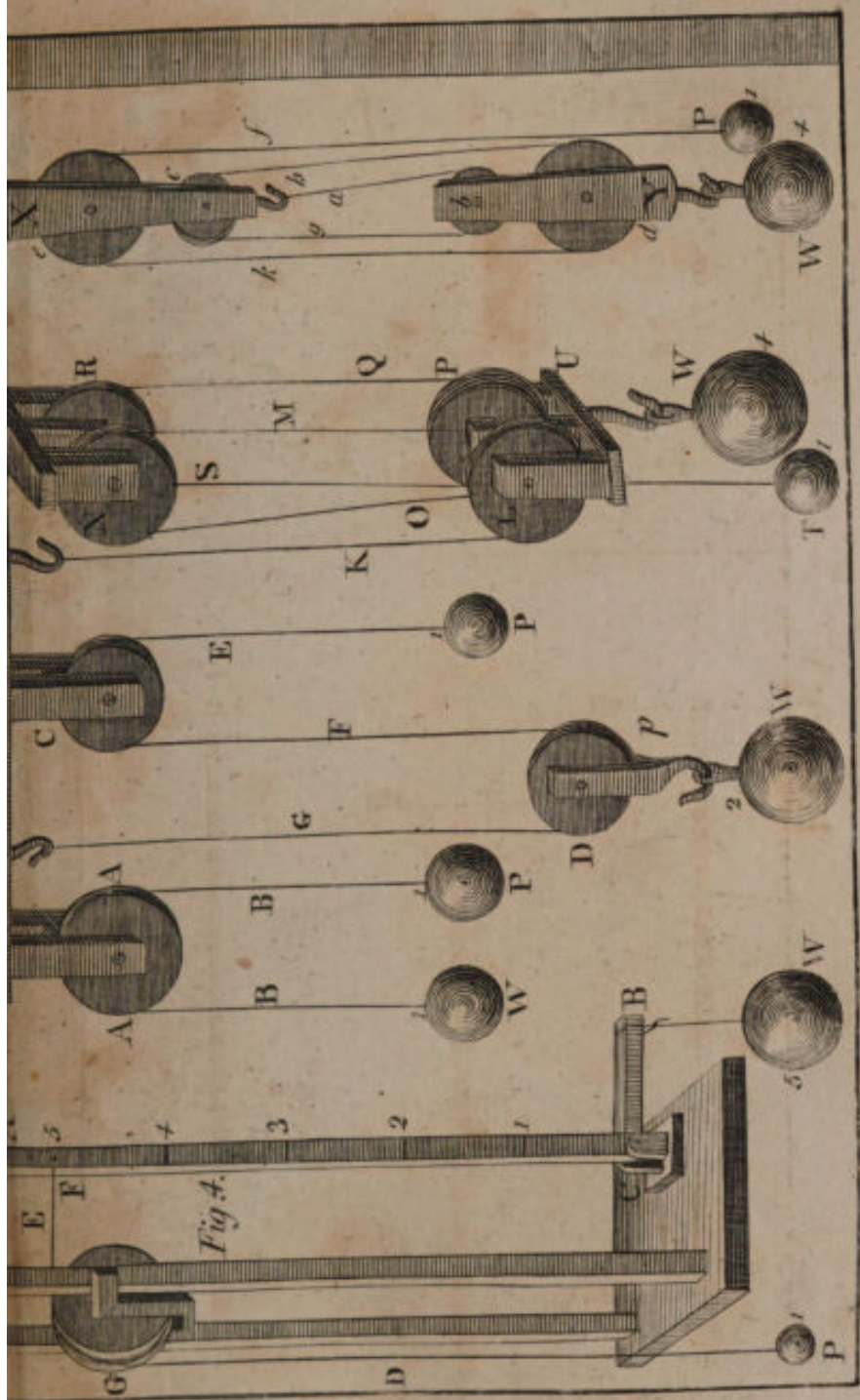
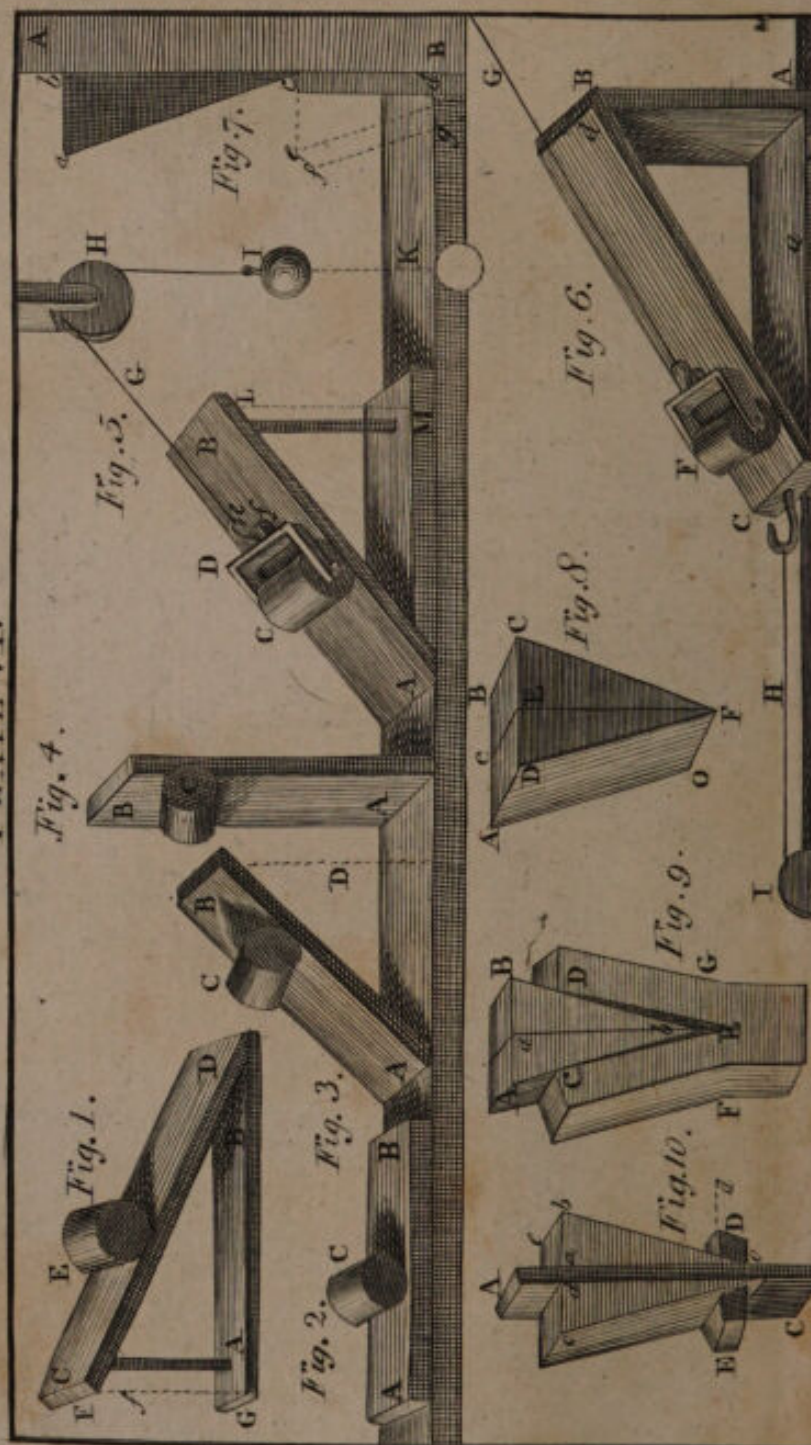
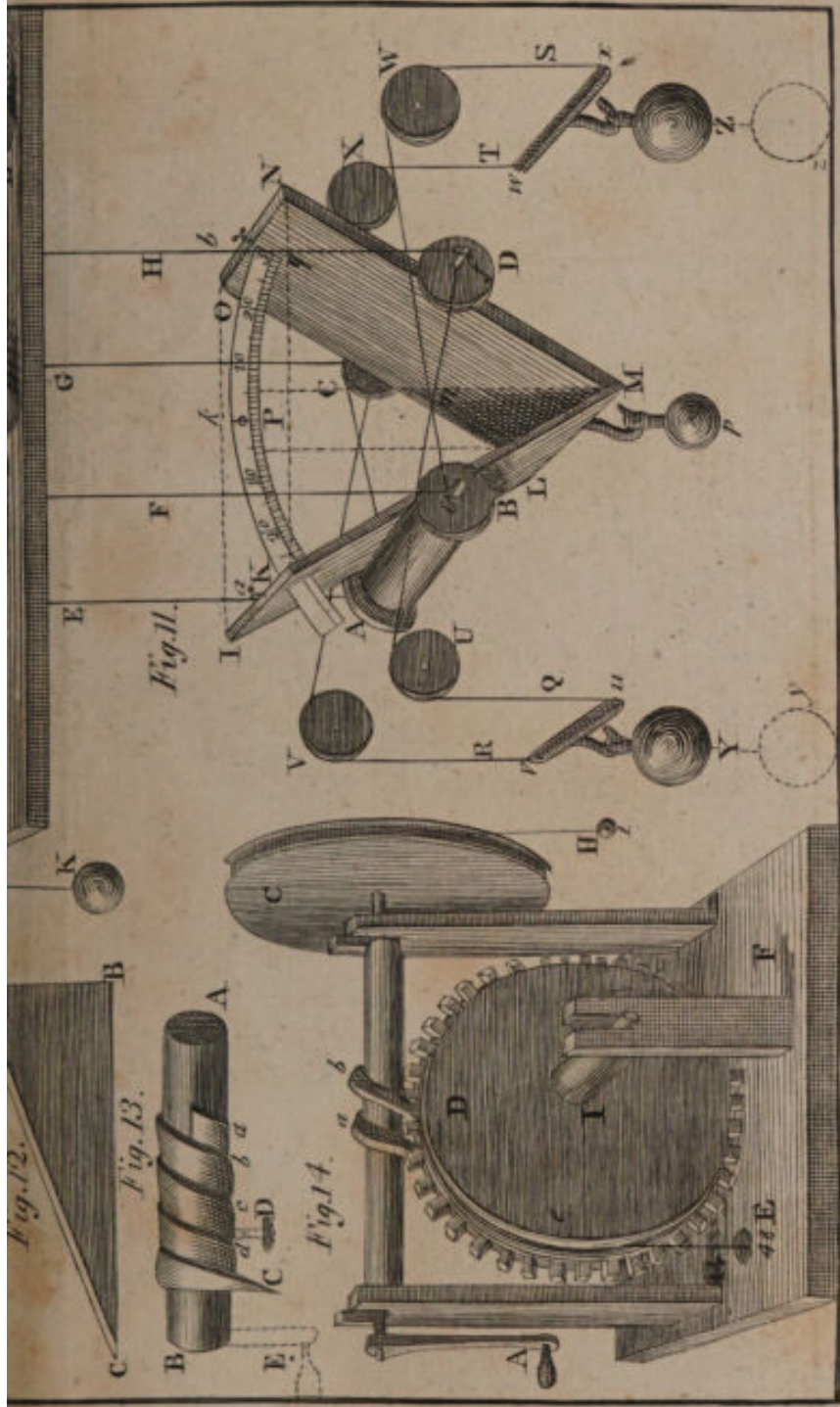






PLATE VI.





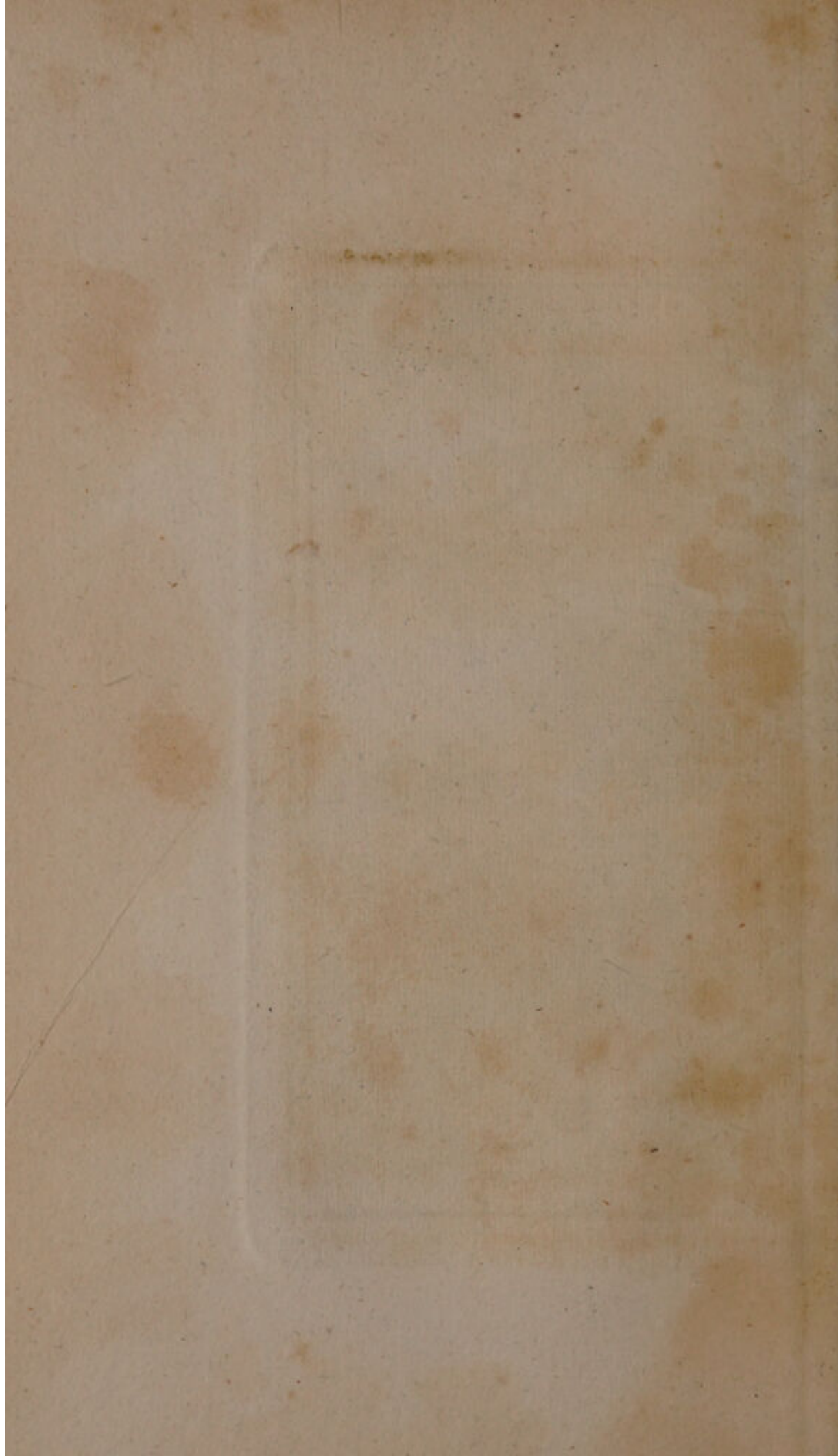
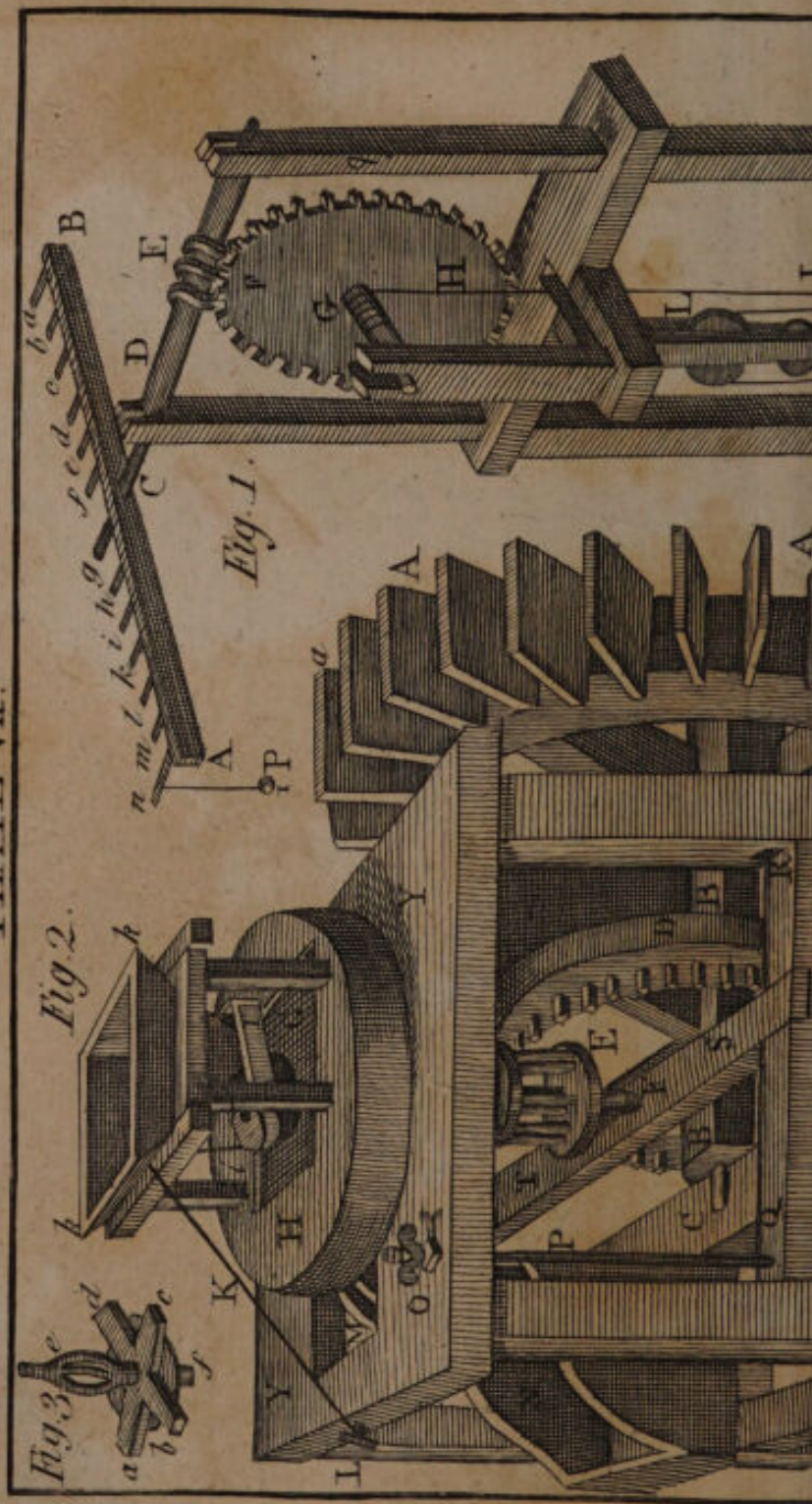




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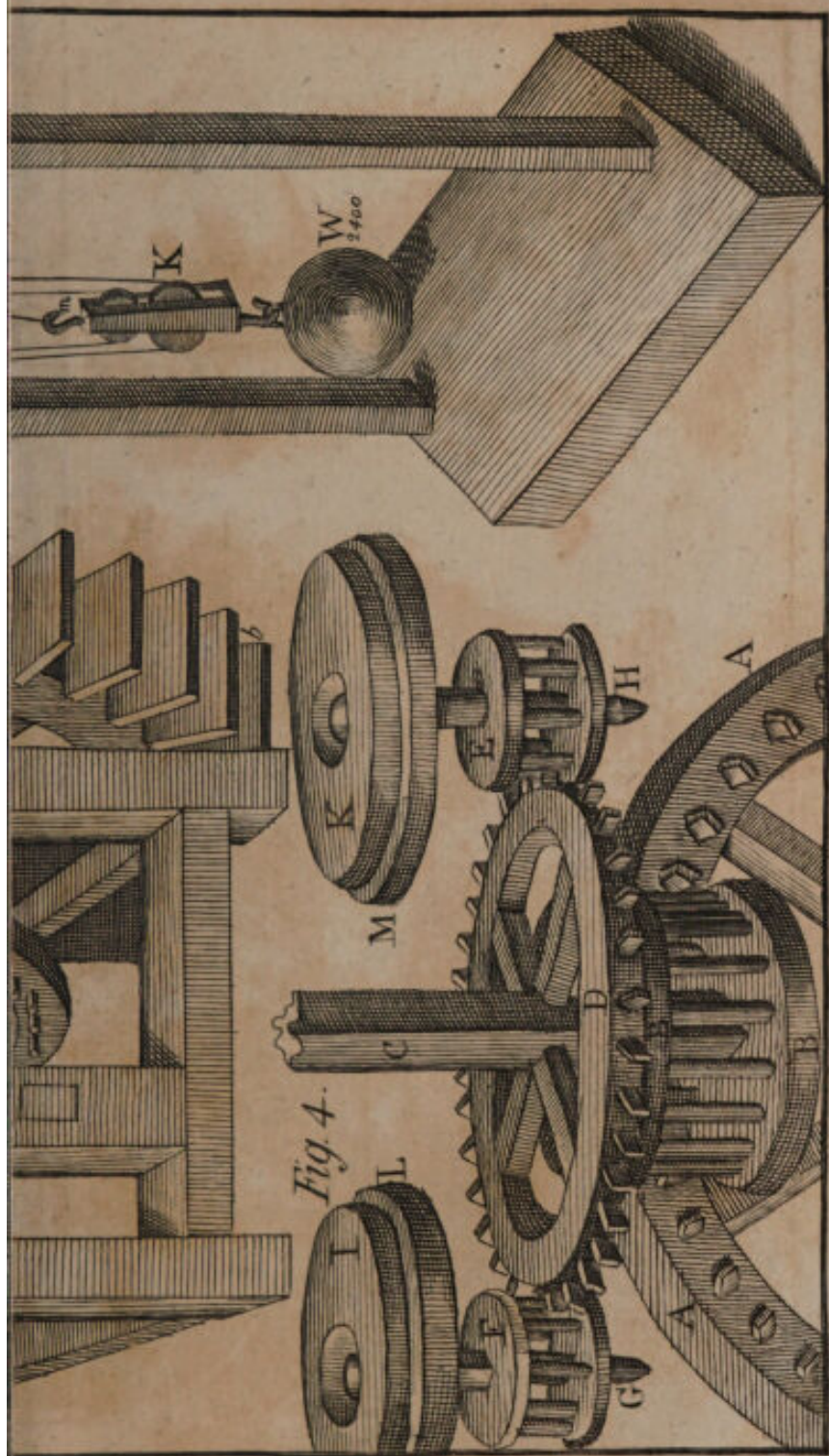
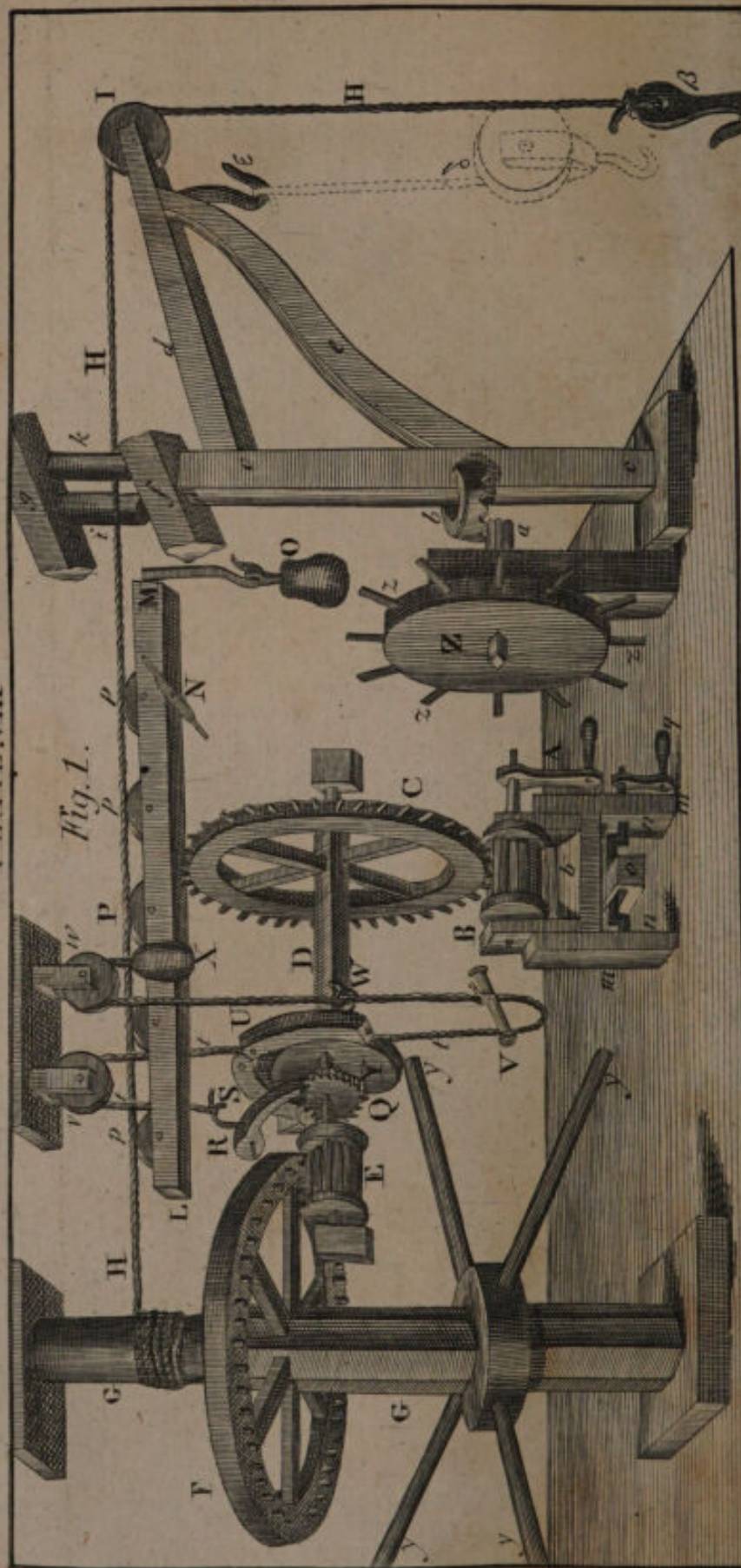






PLATE VIII



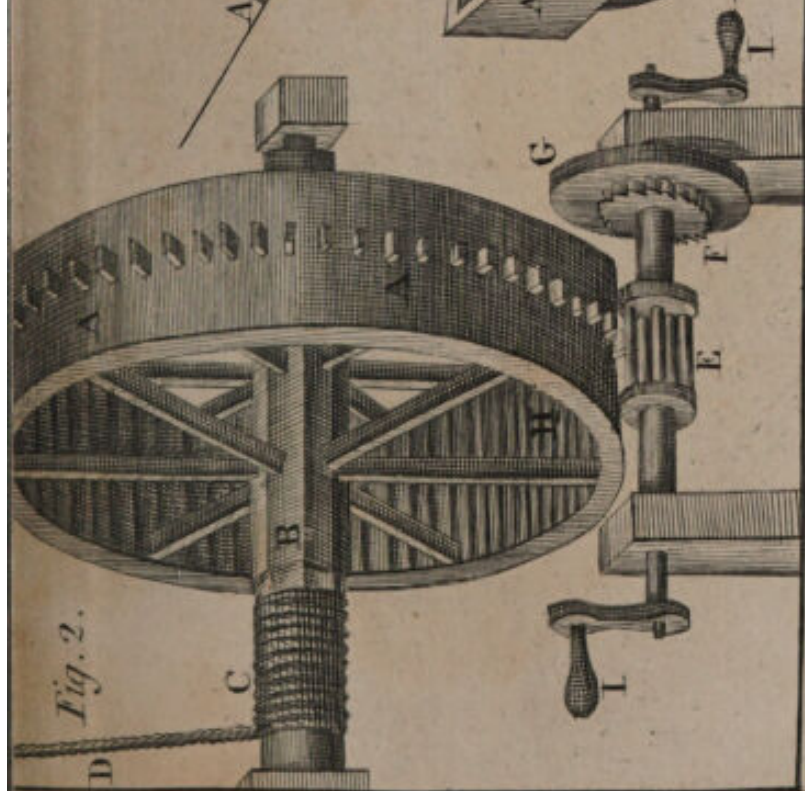


Fig. 2.



Fig. 4.

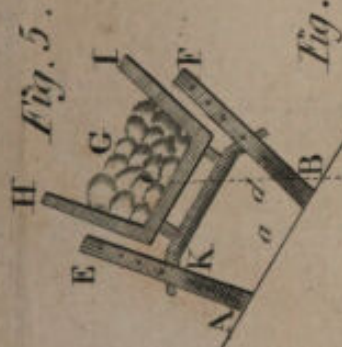


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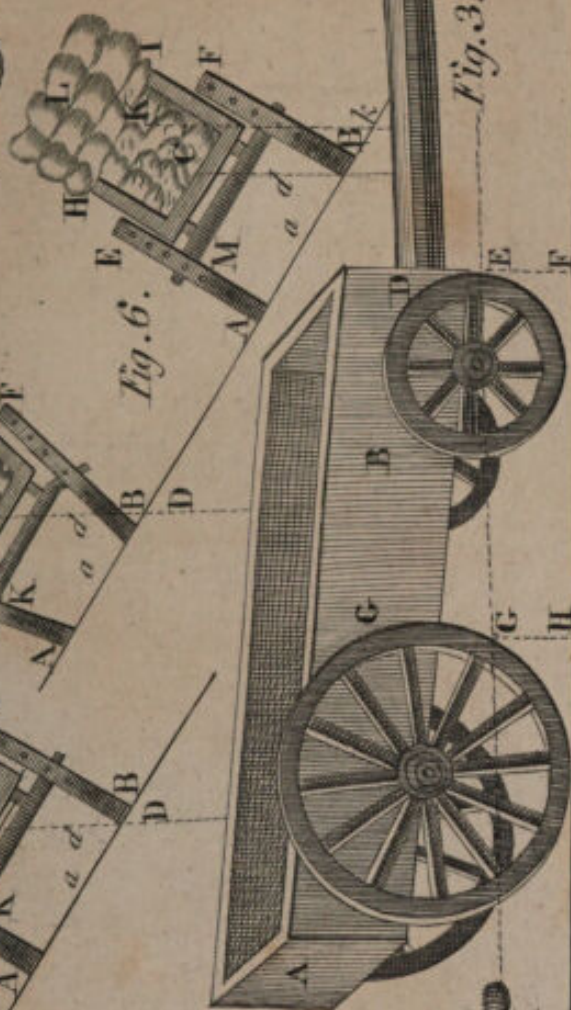


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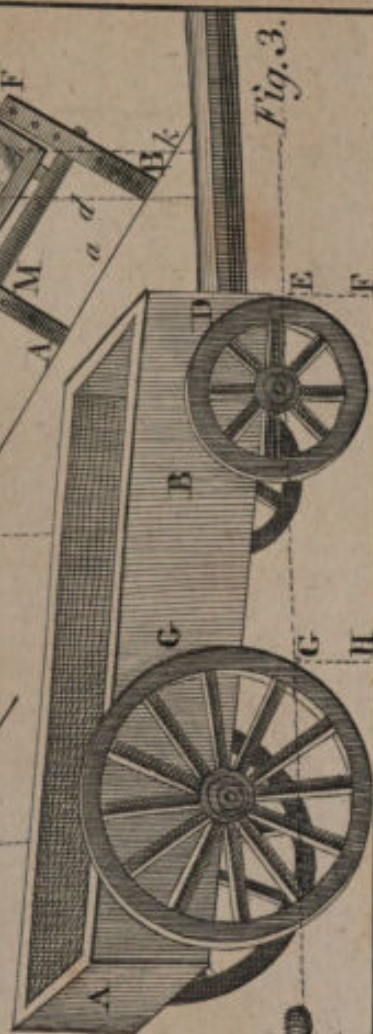


Fig. 3.



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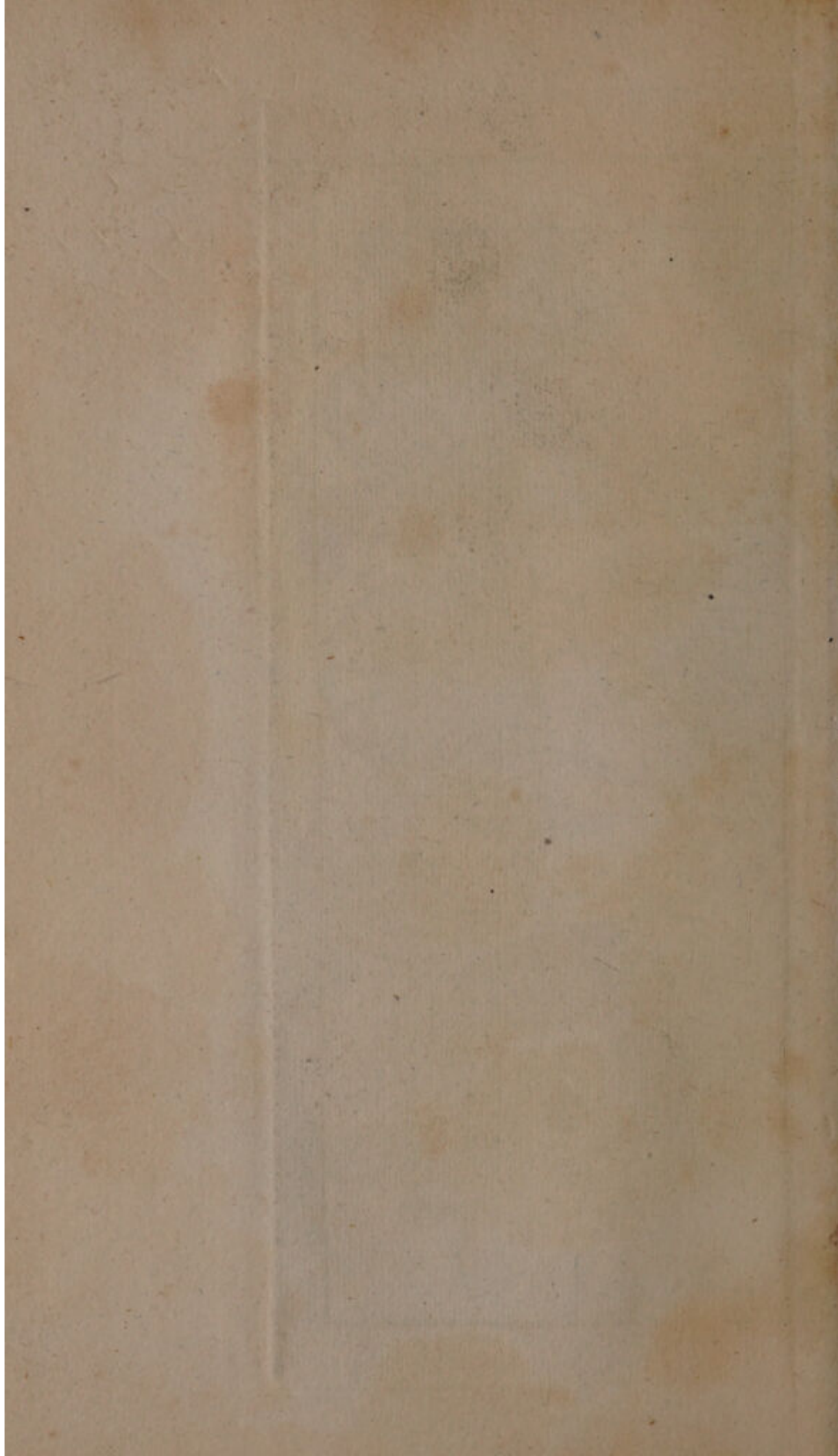
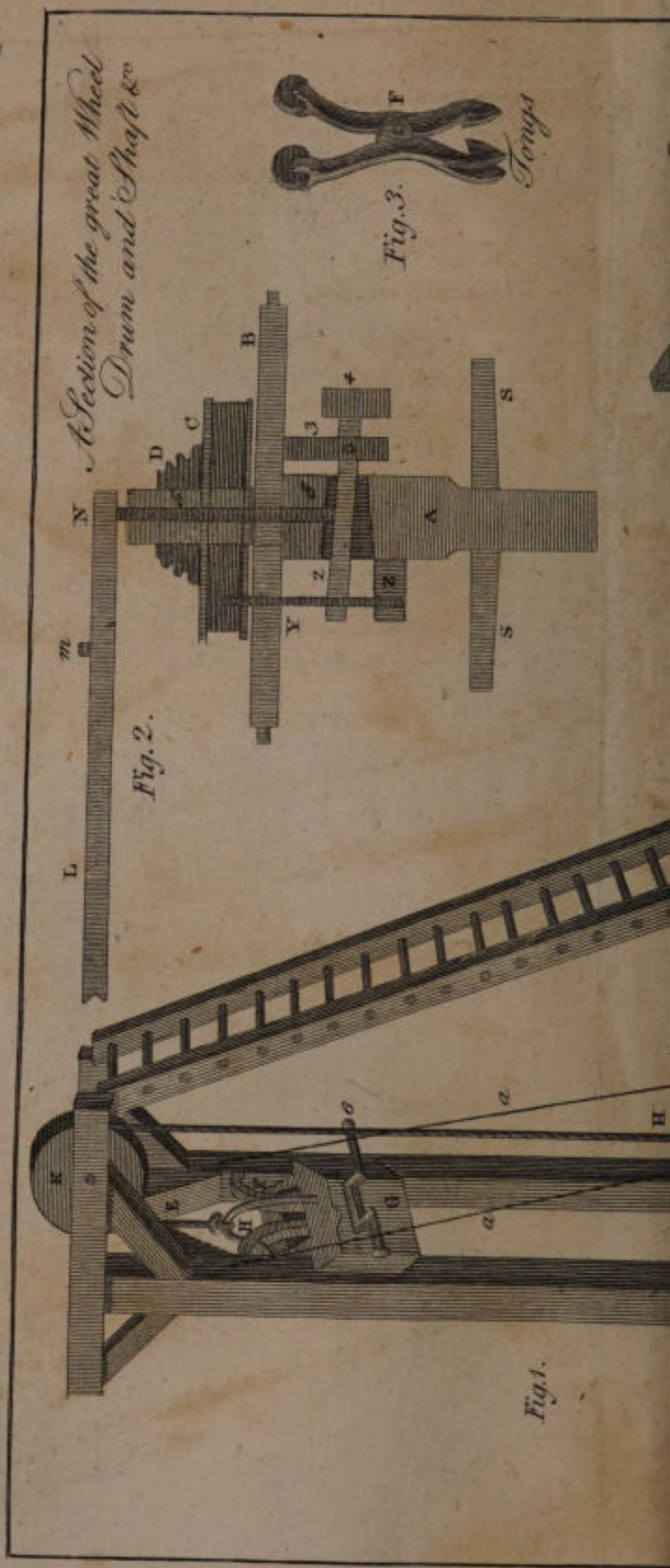
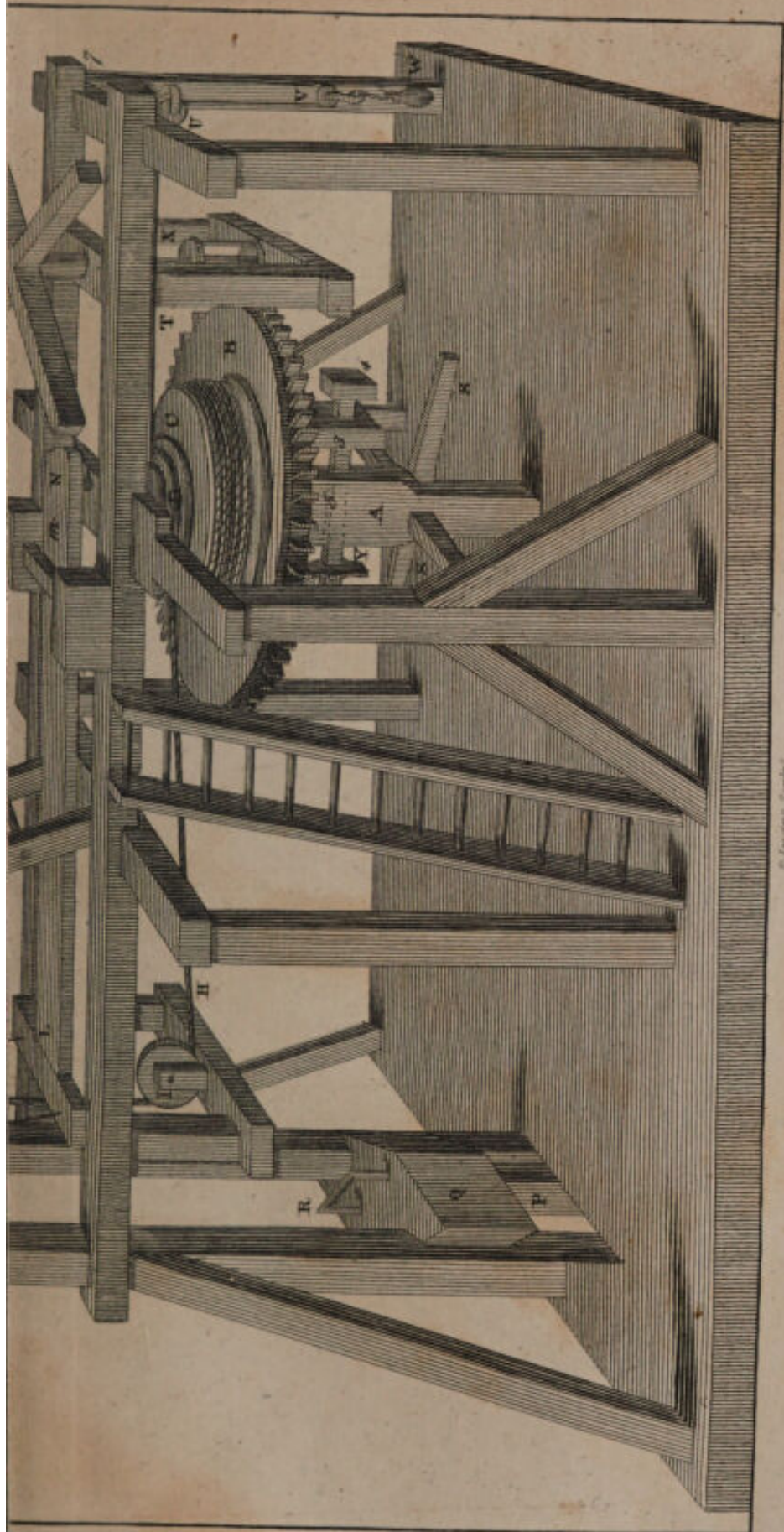
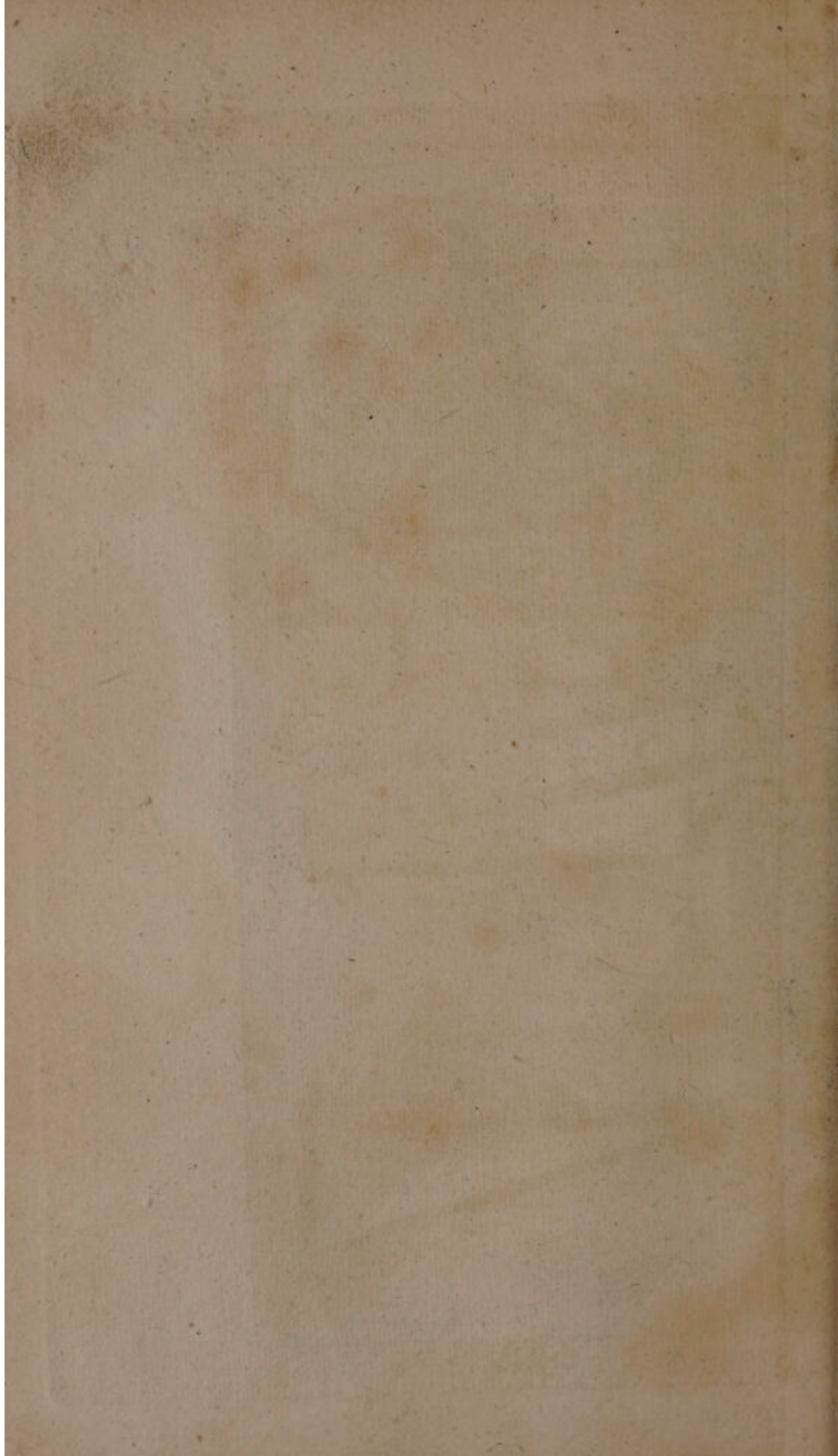


PLATE IX.







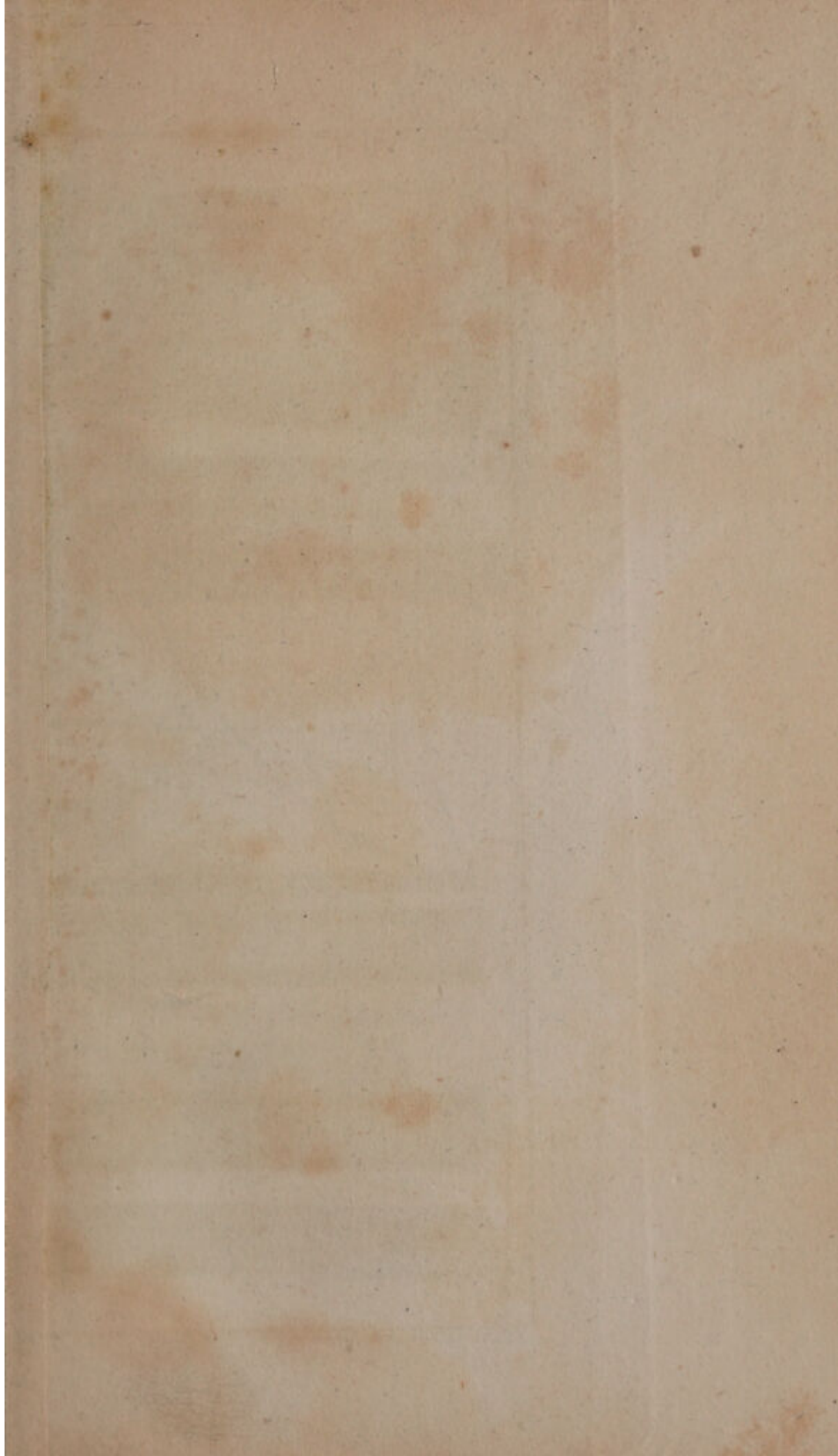
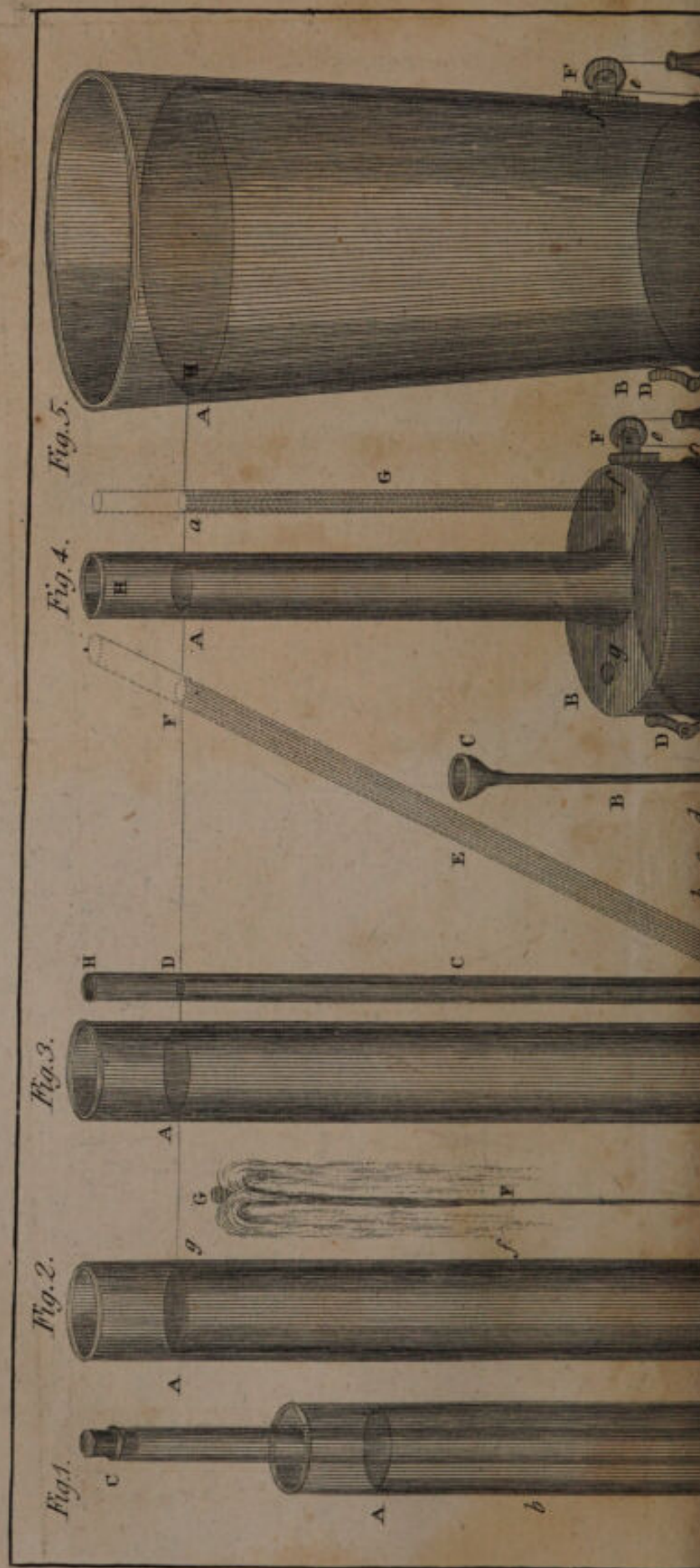


PLATE X.



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Fig. 7.

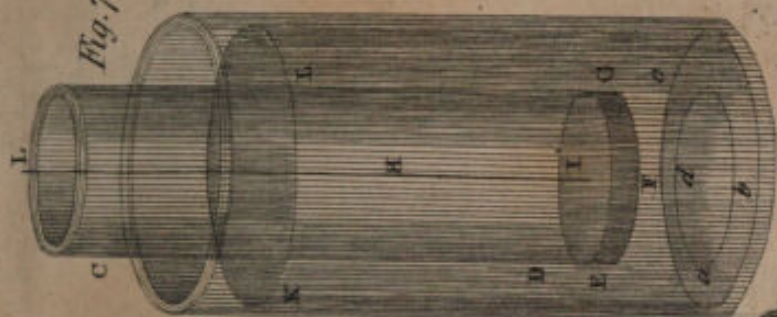


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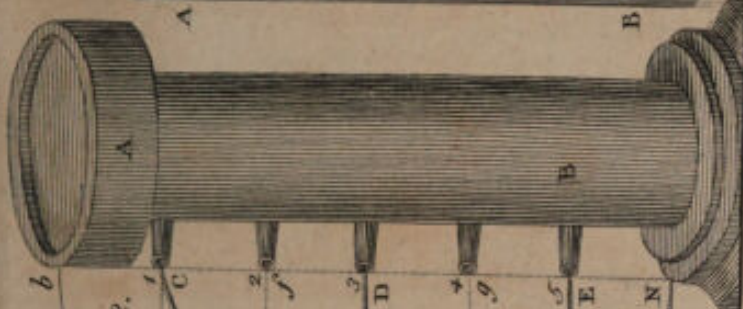


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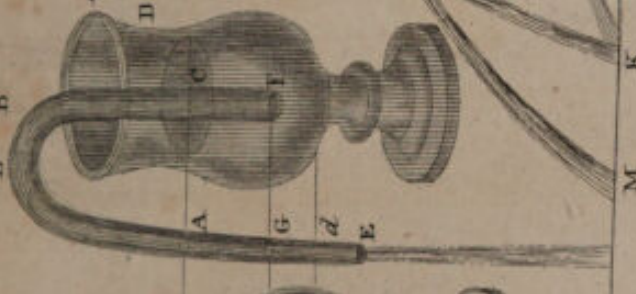
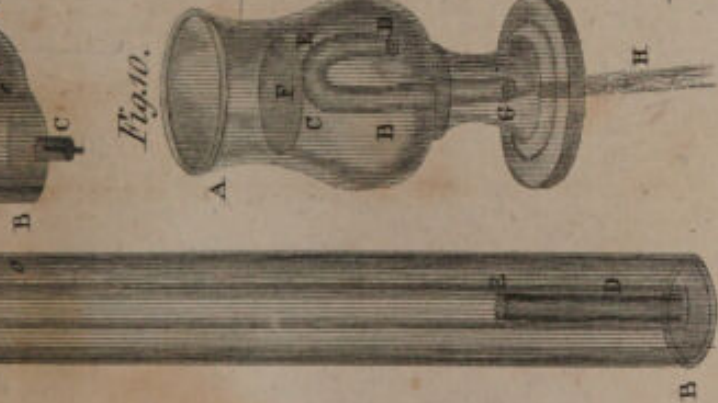


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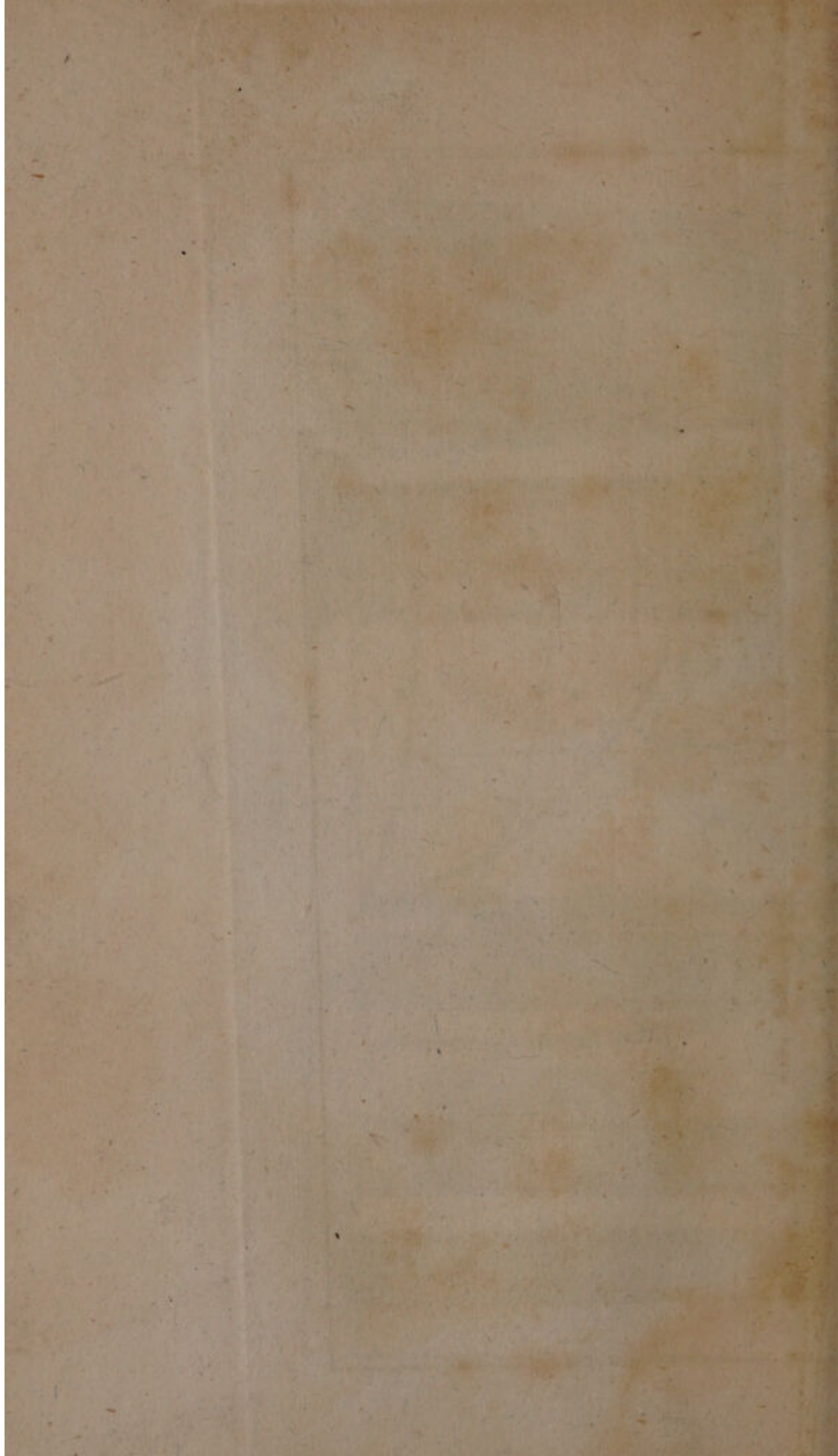




PLATE XI.

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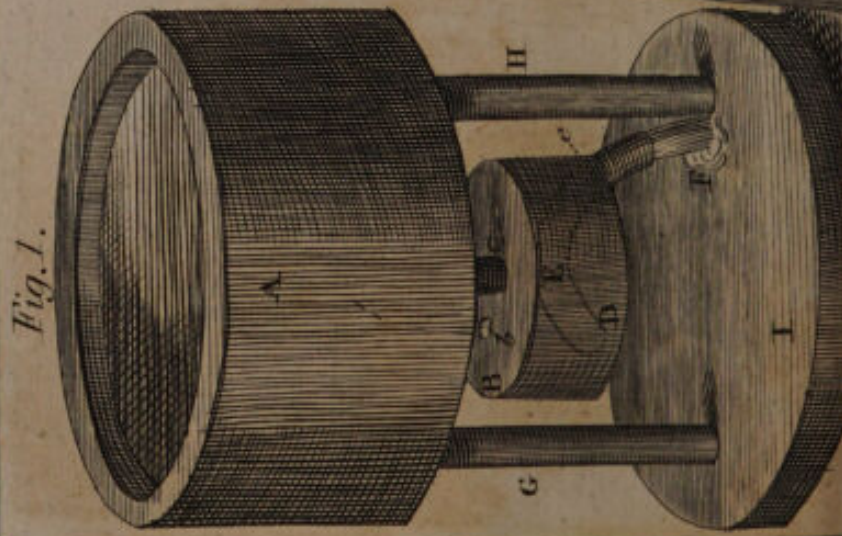


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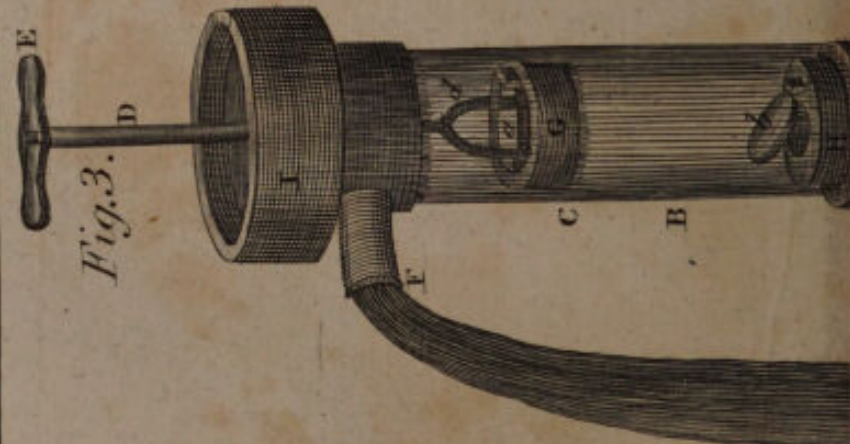


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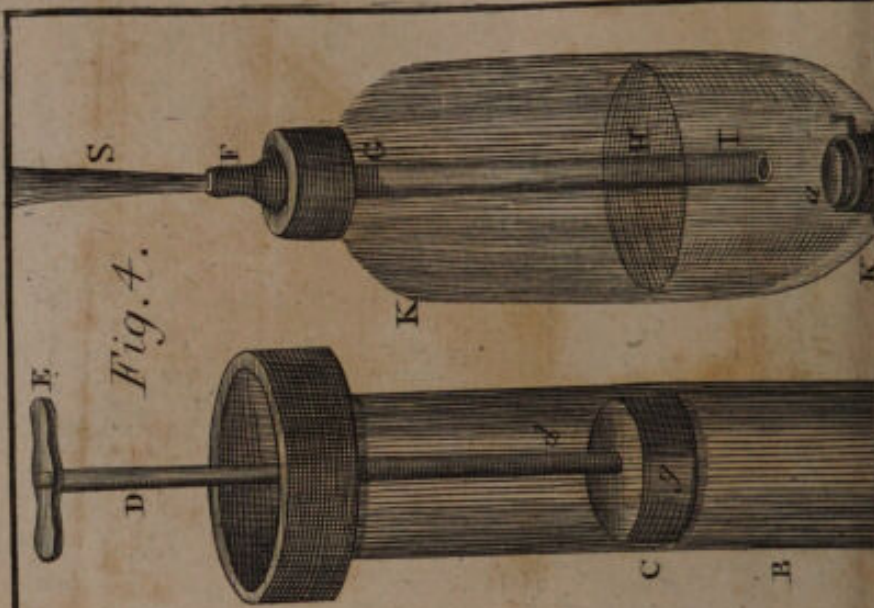


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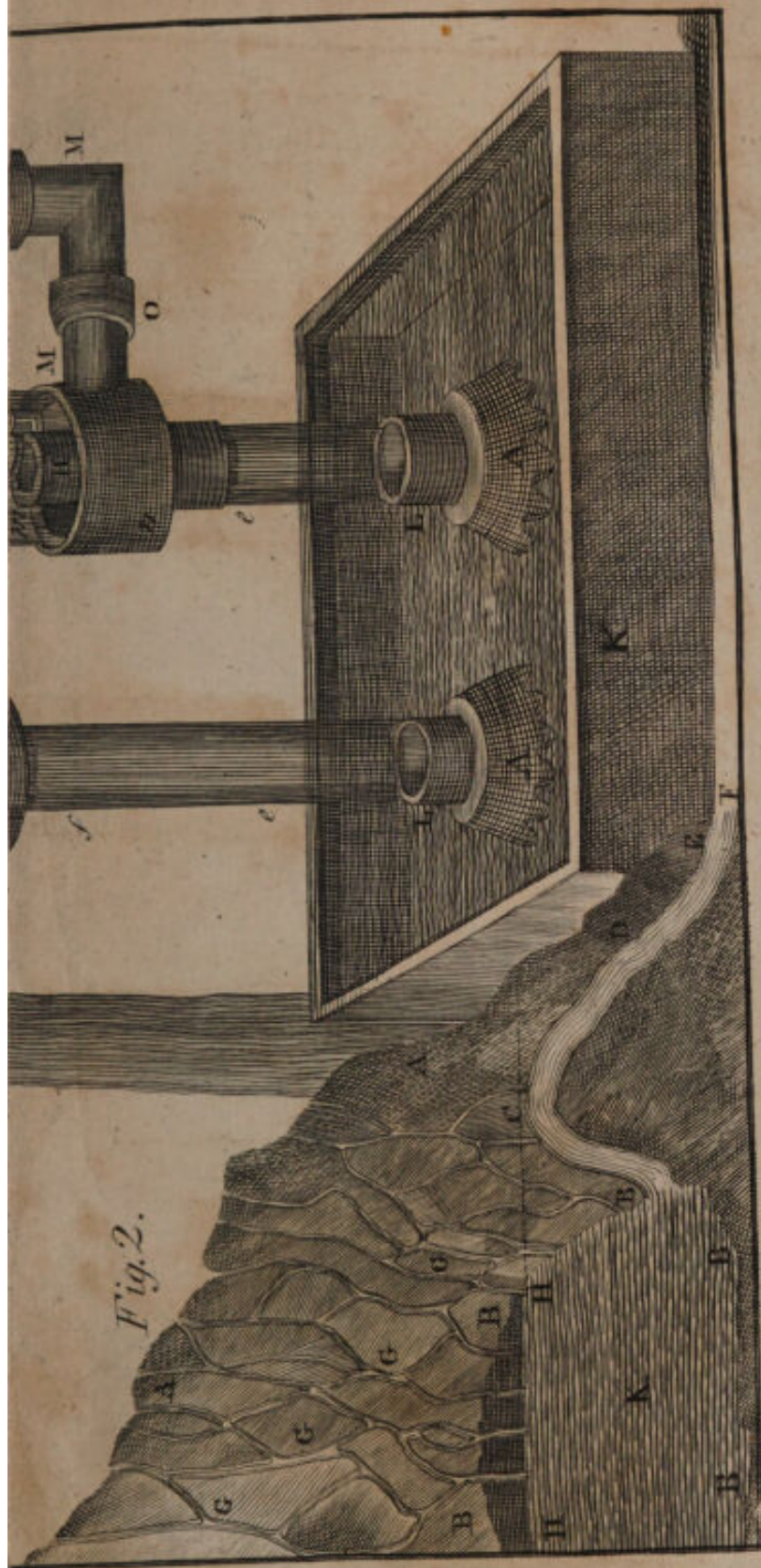
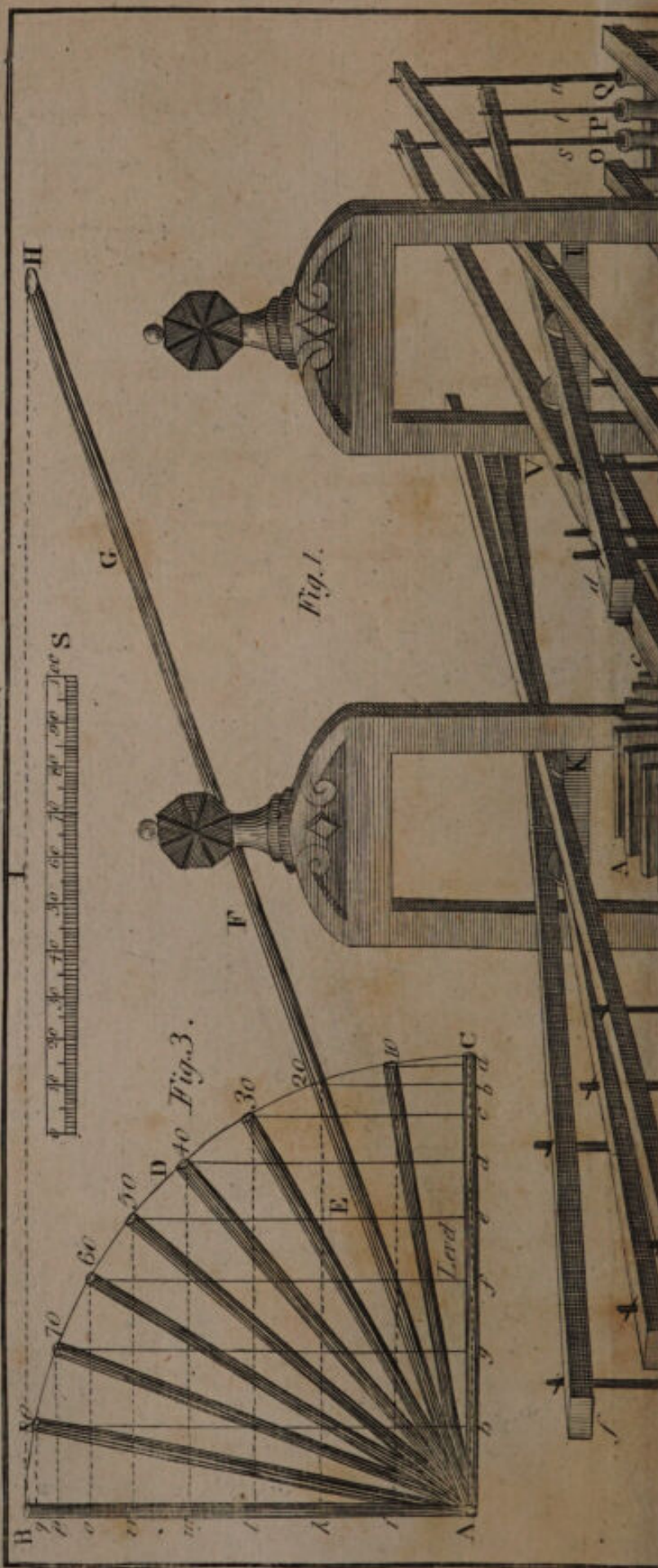
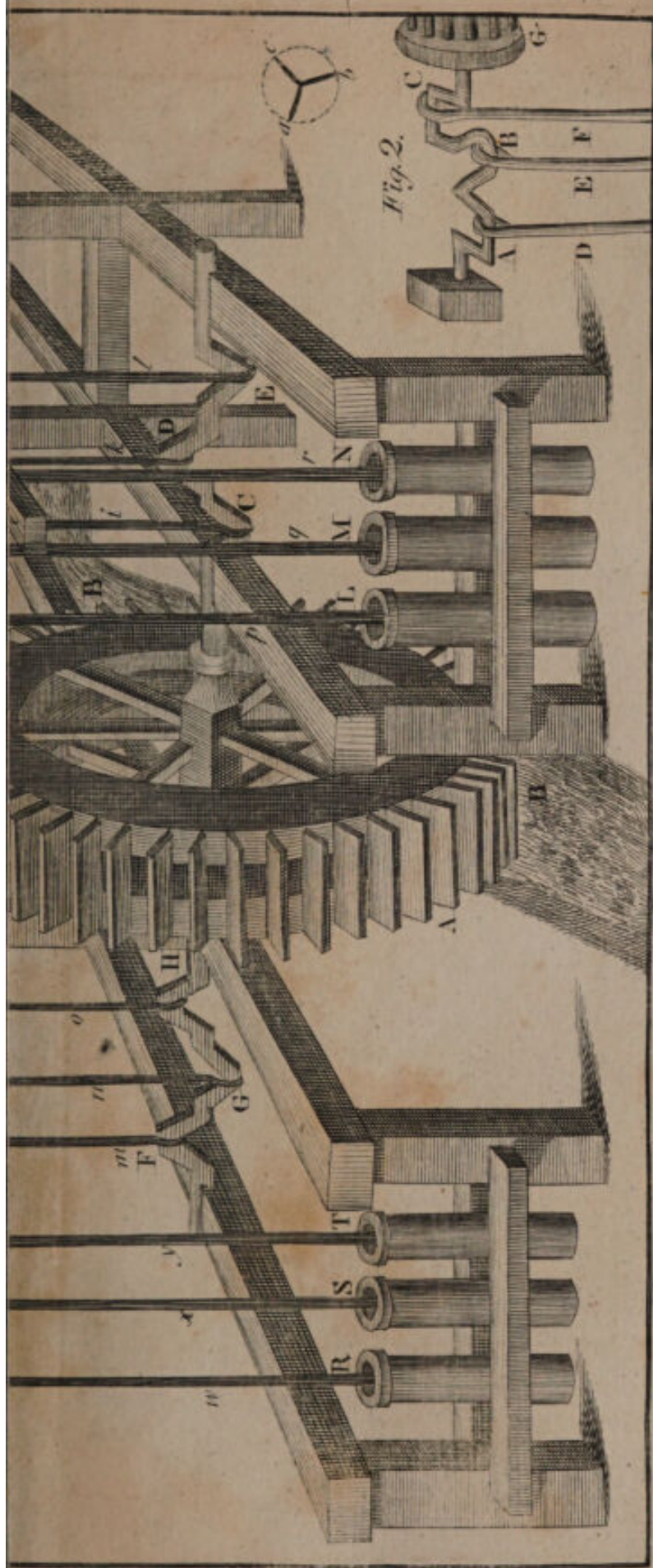






PLATE XII.





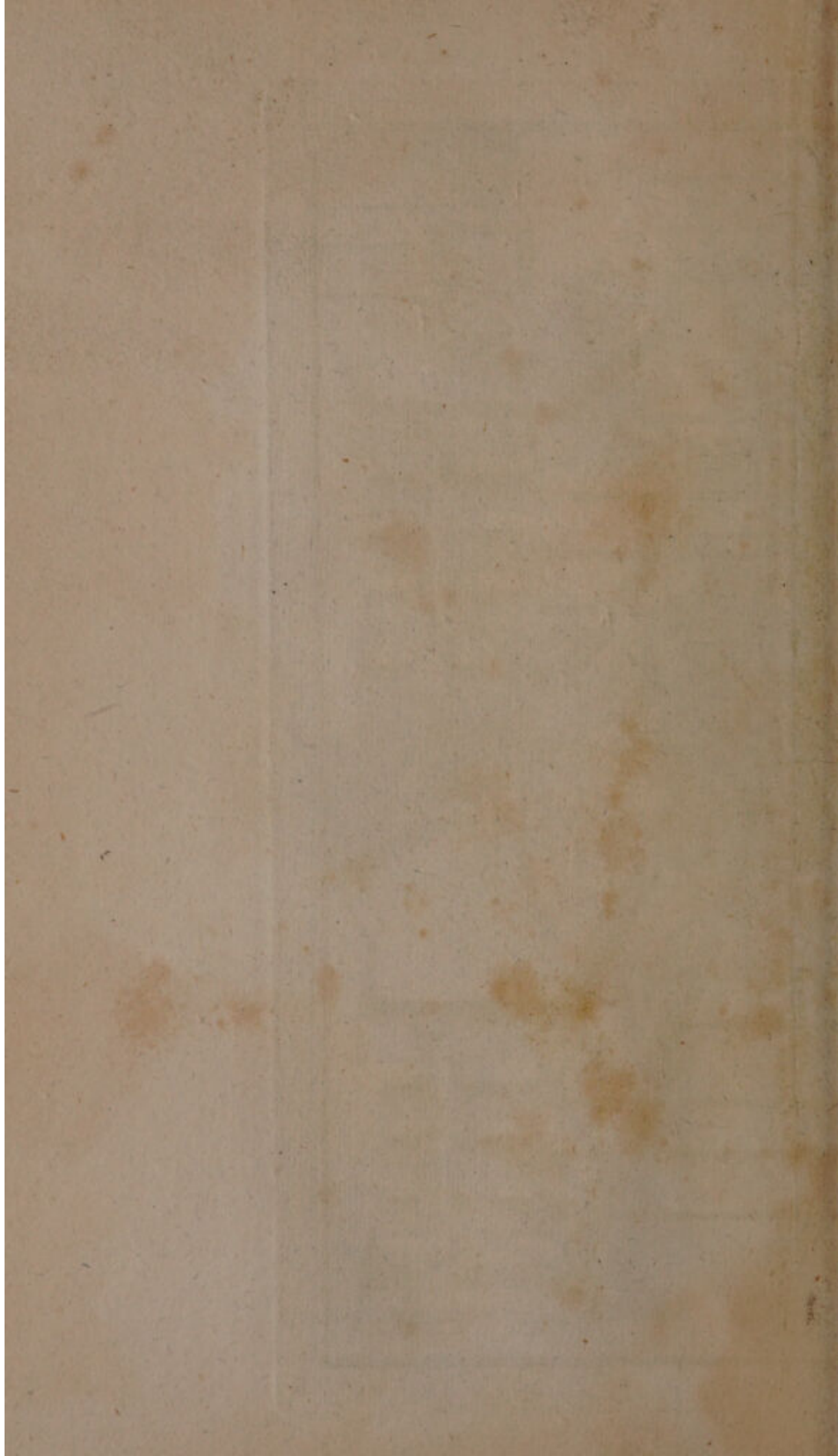
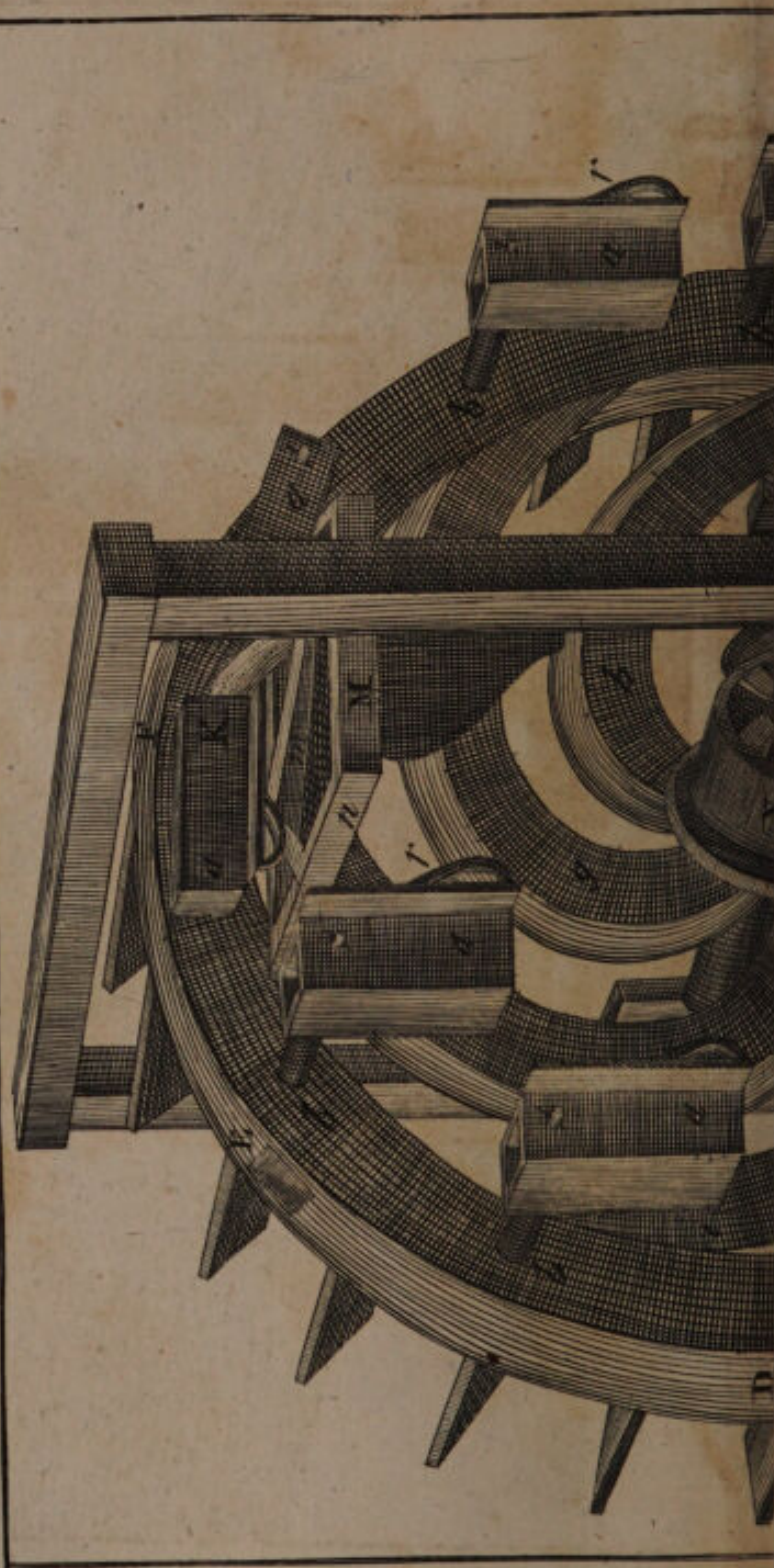
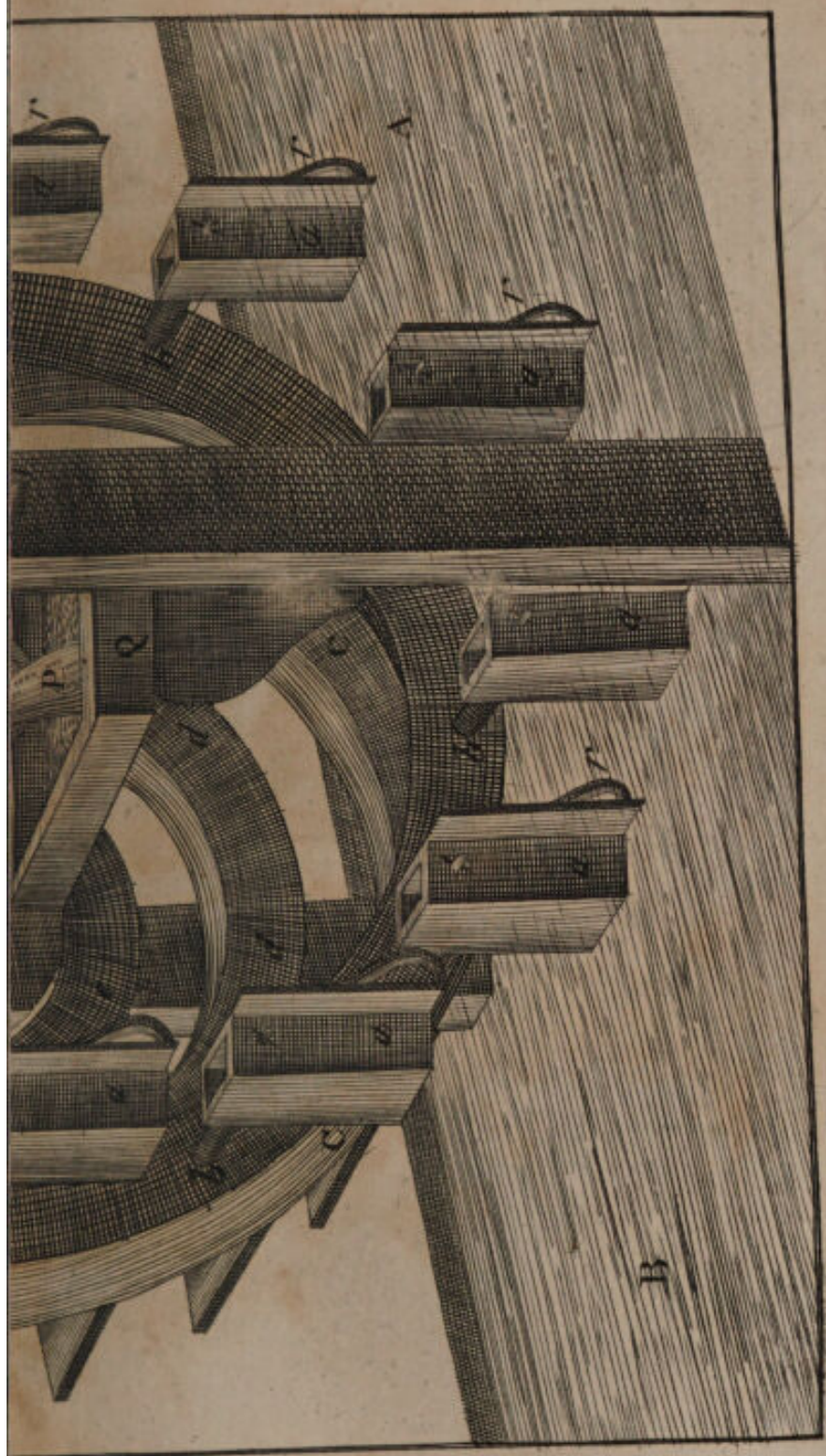




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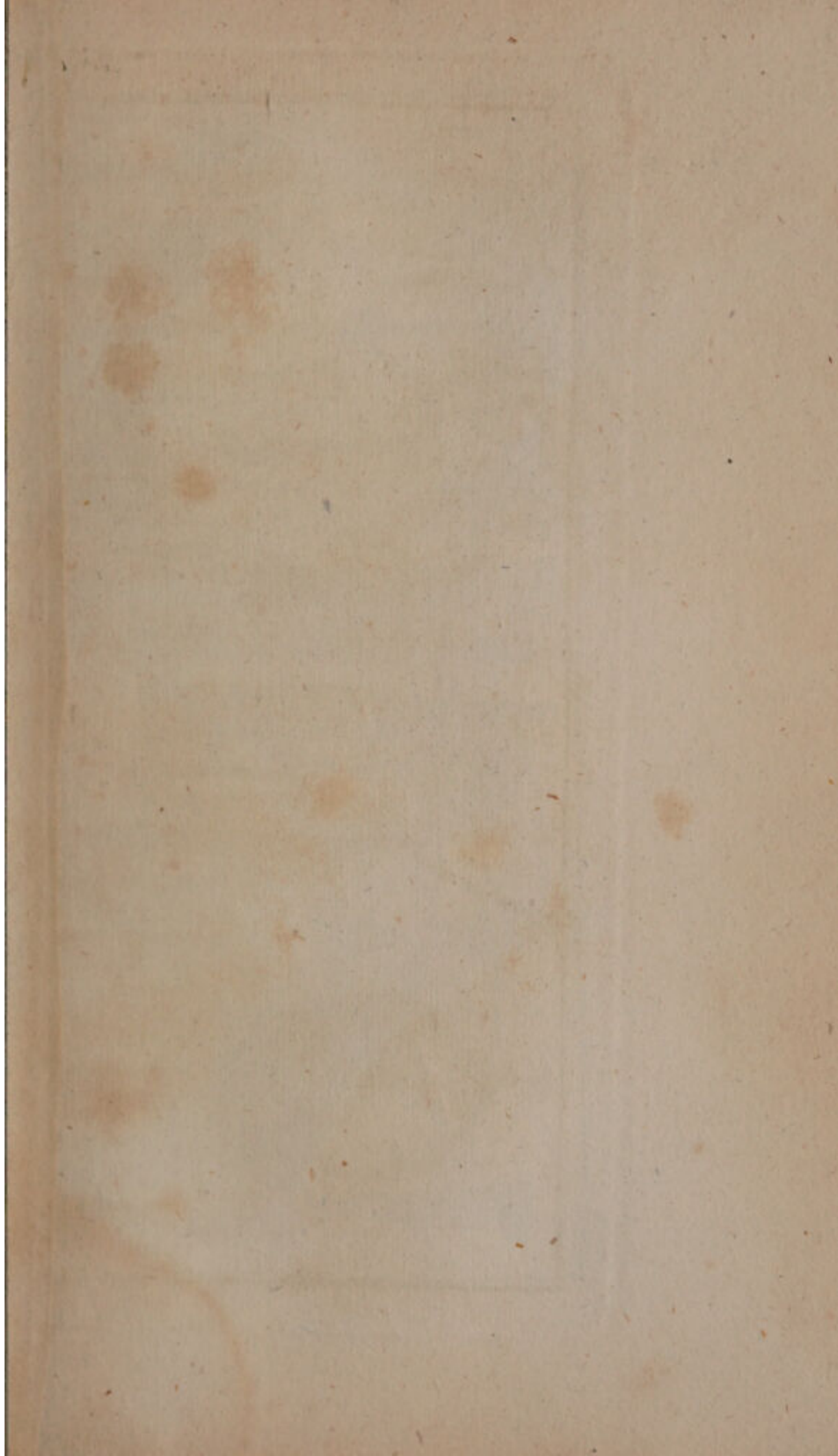


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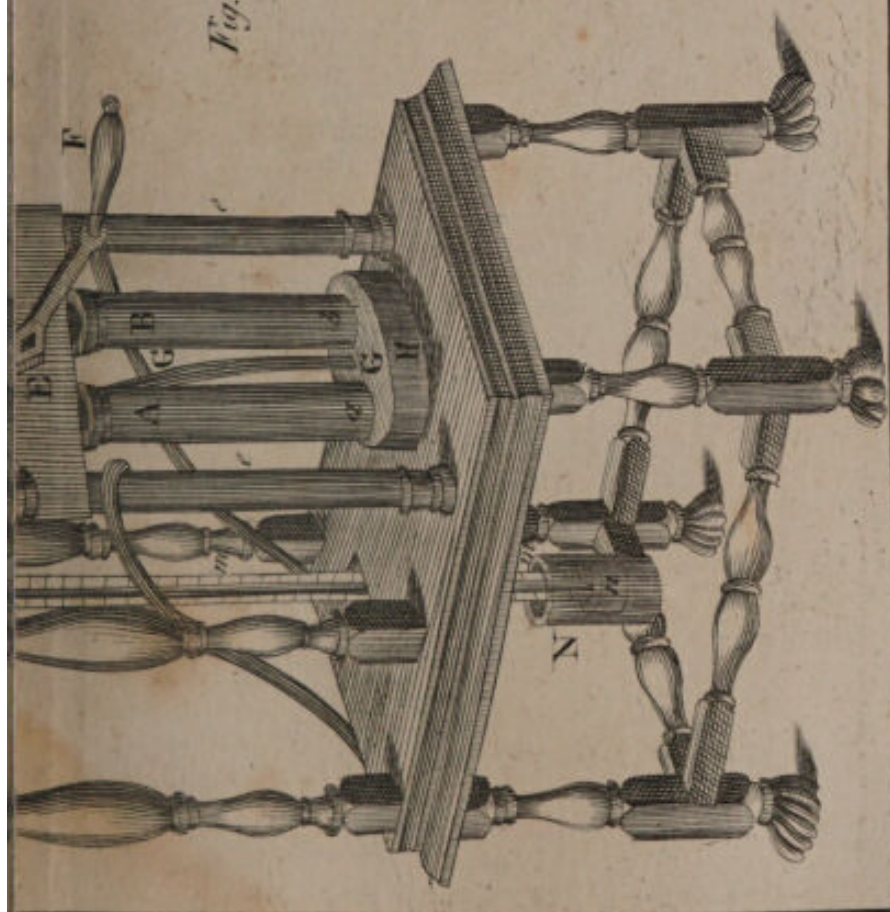


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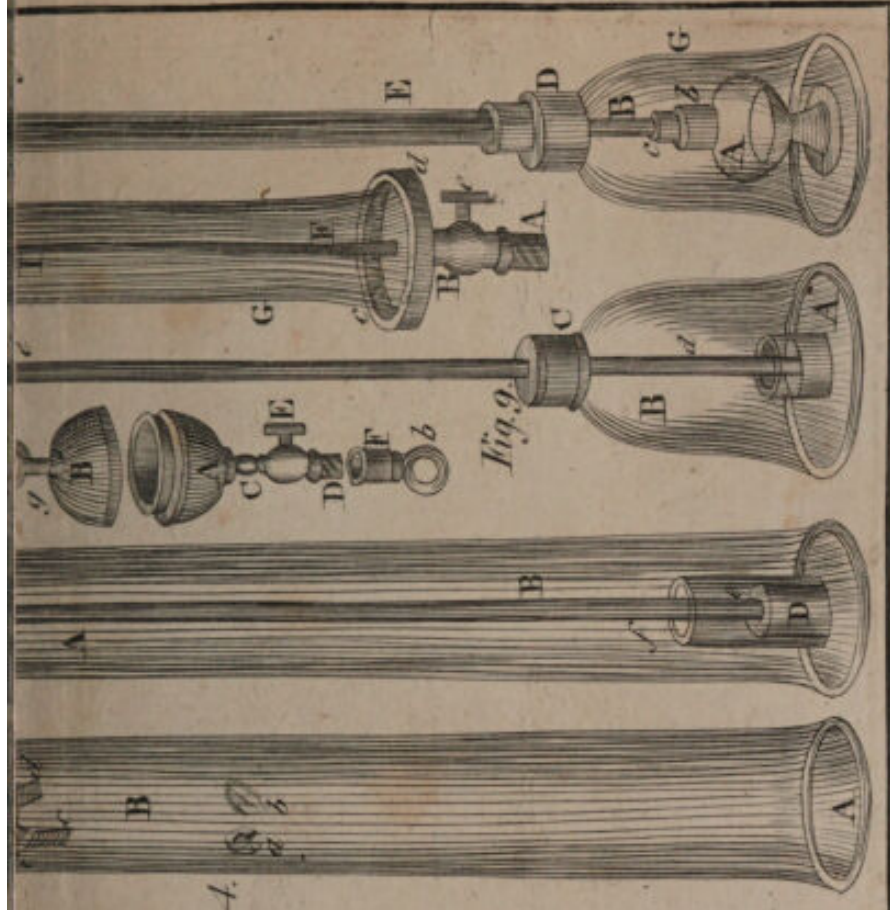


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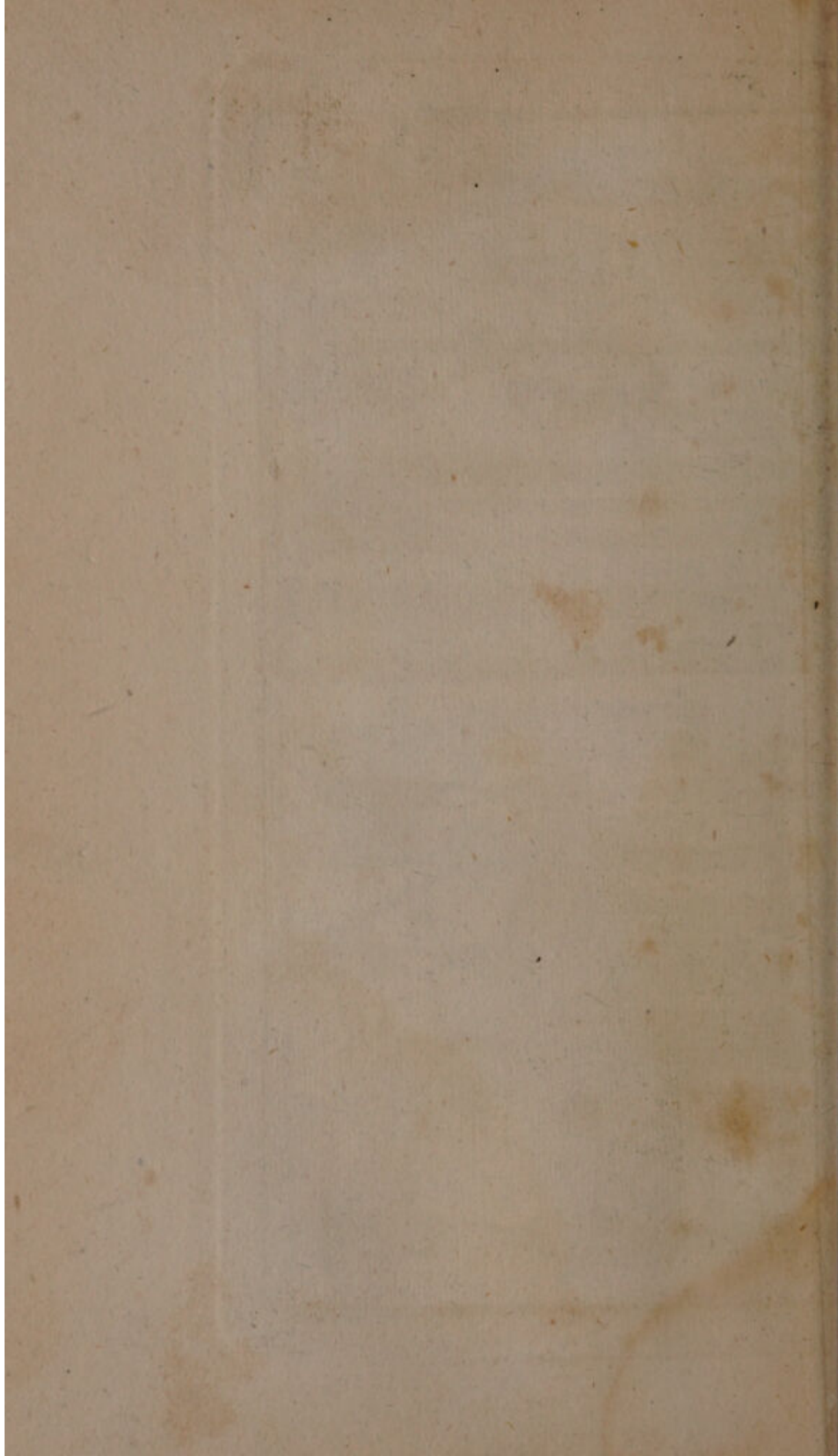


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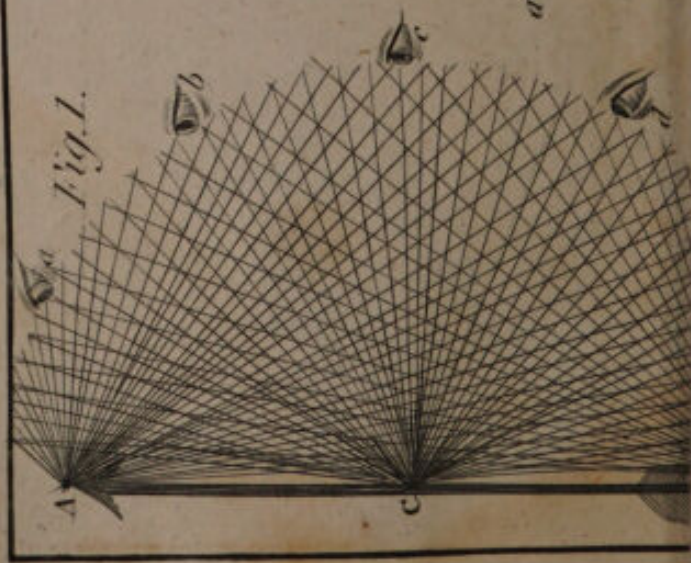


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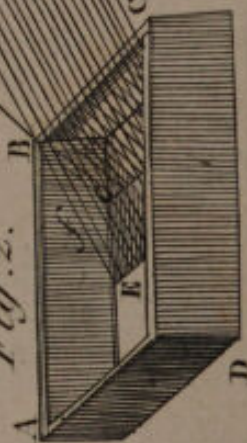


Fig. 3.



Fig. 5.



Fig. 4.

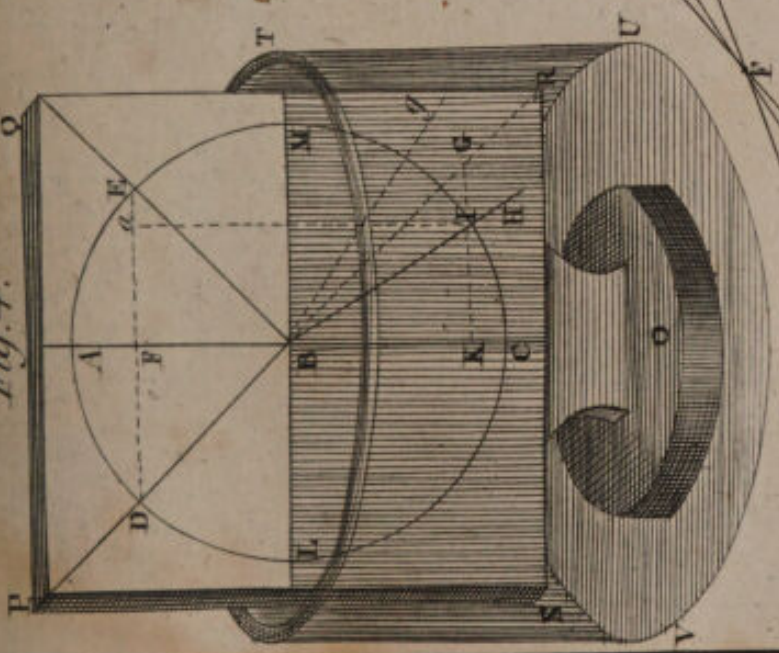


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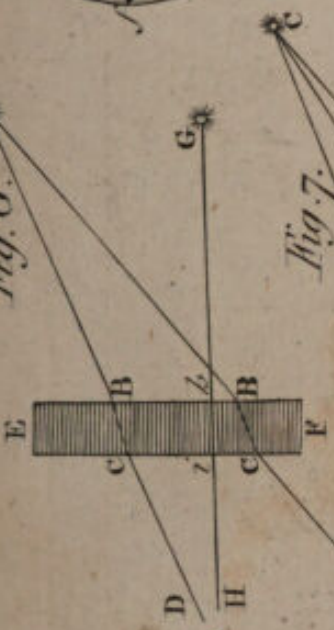


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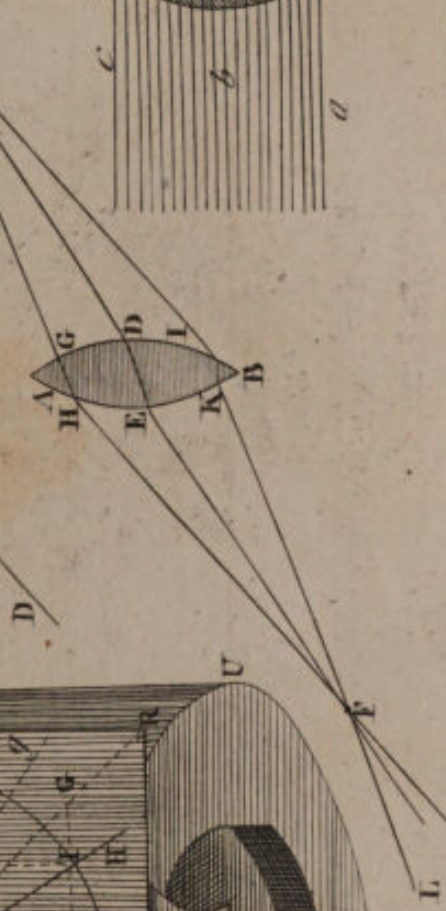


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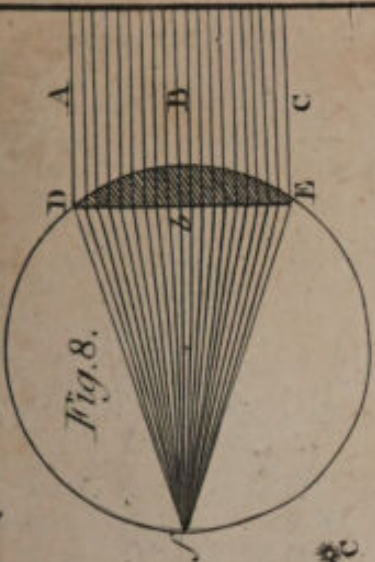
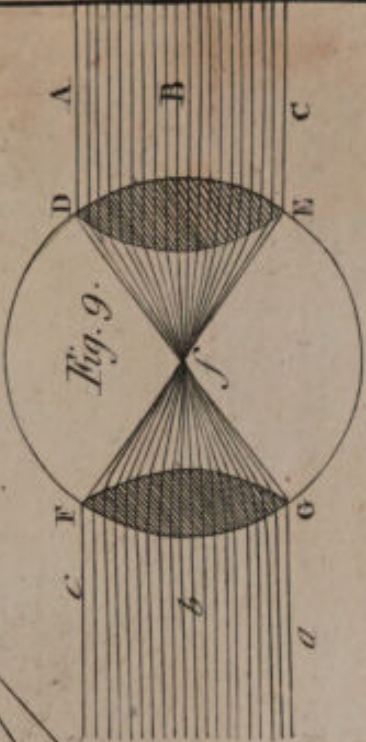


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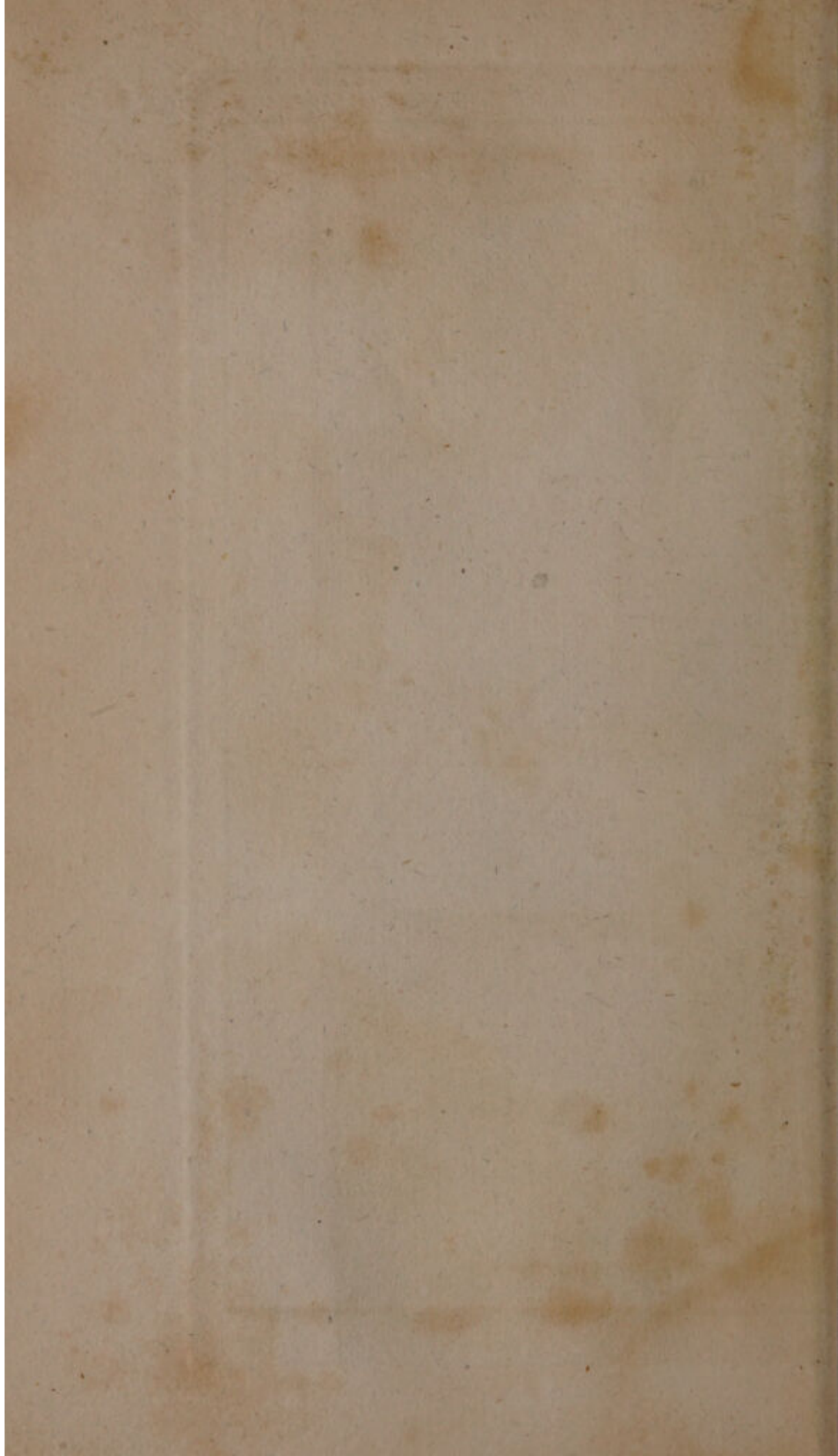




PLATE XVI.

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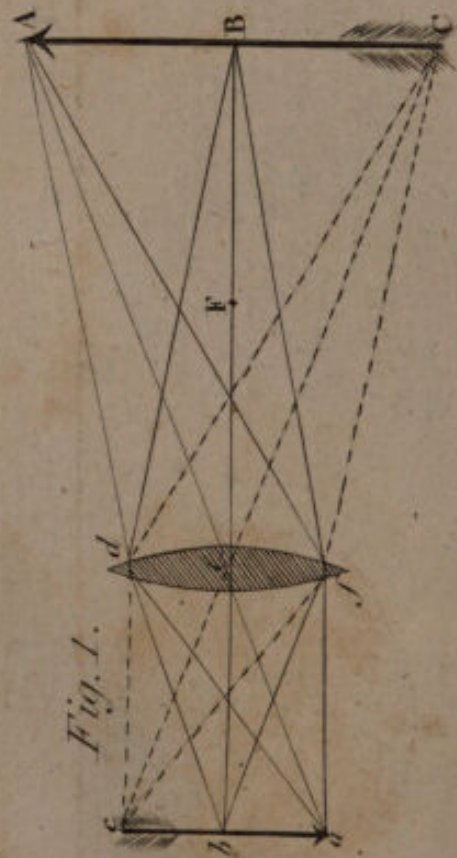


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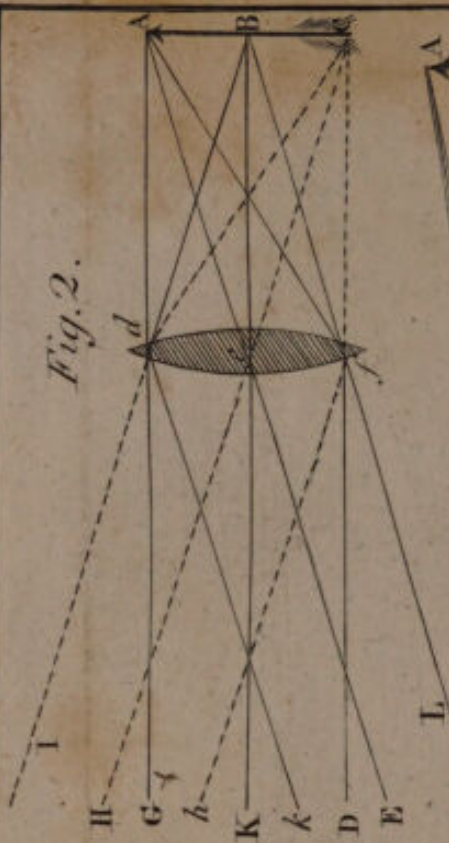


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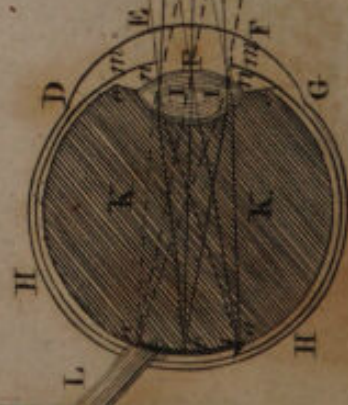


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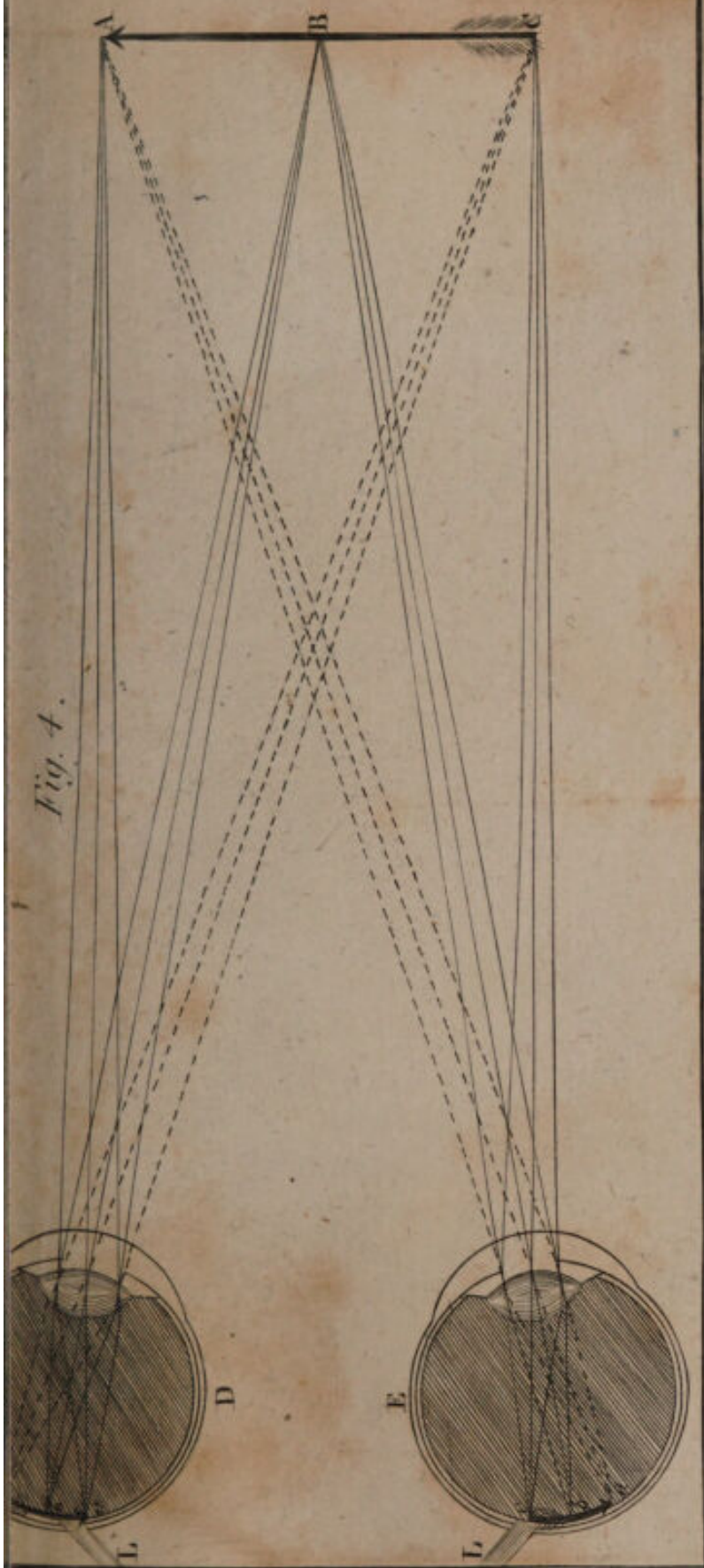
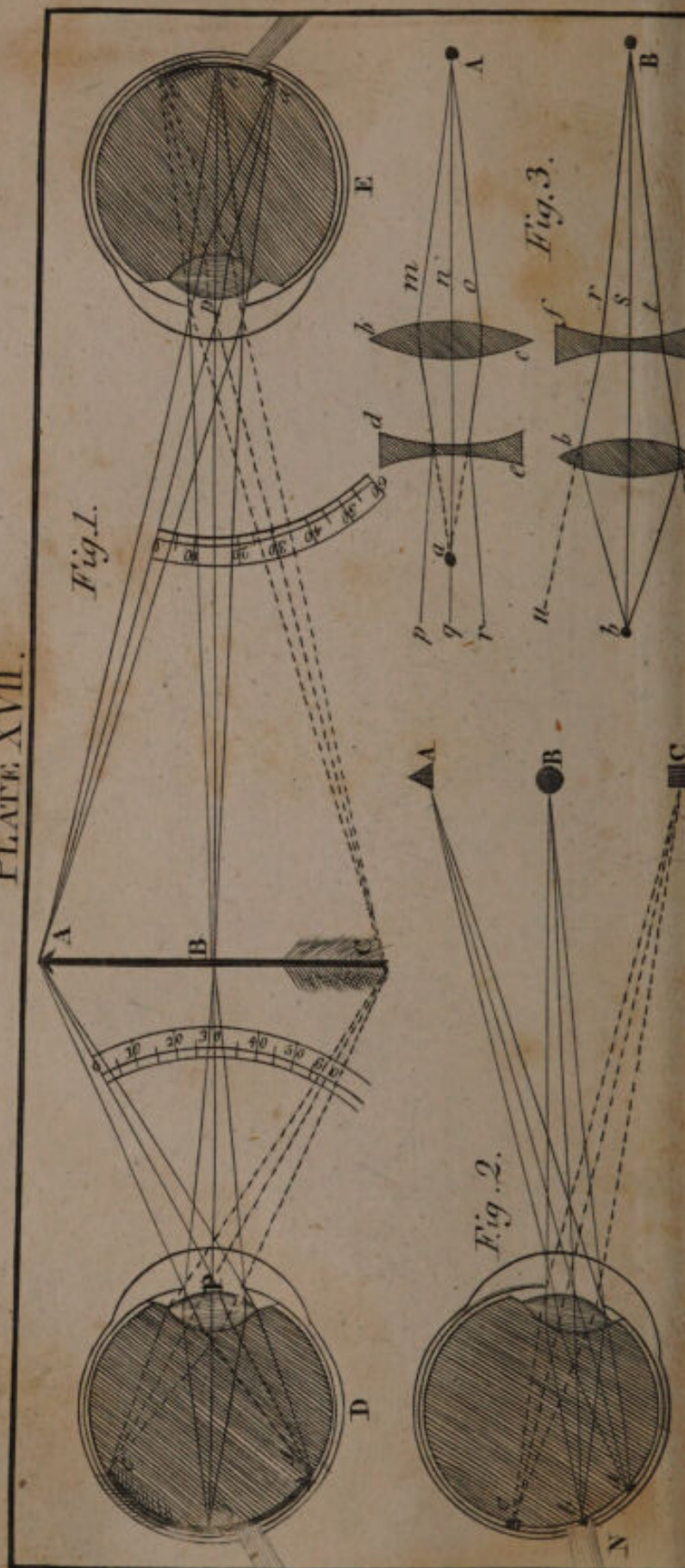
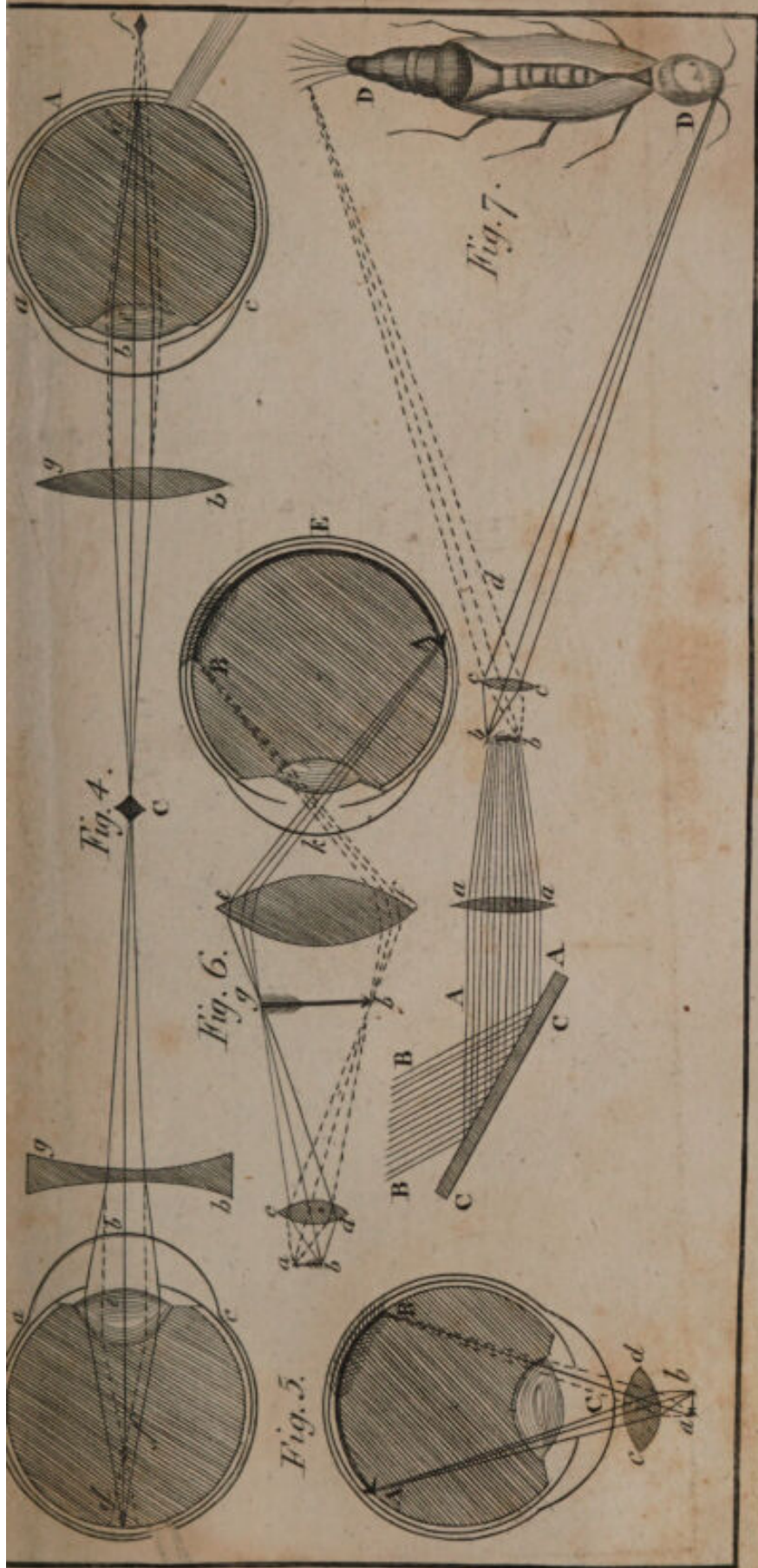




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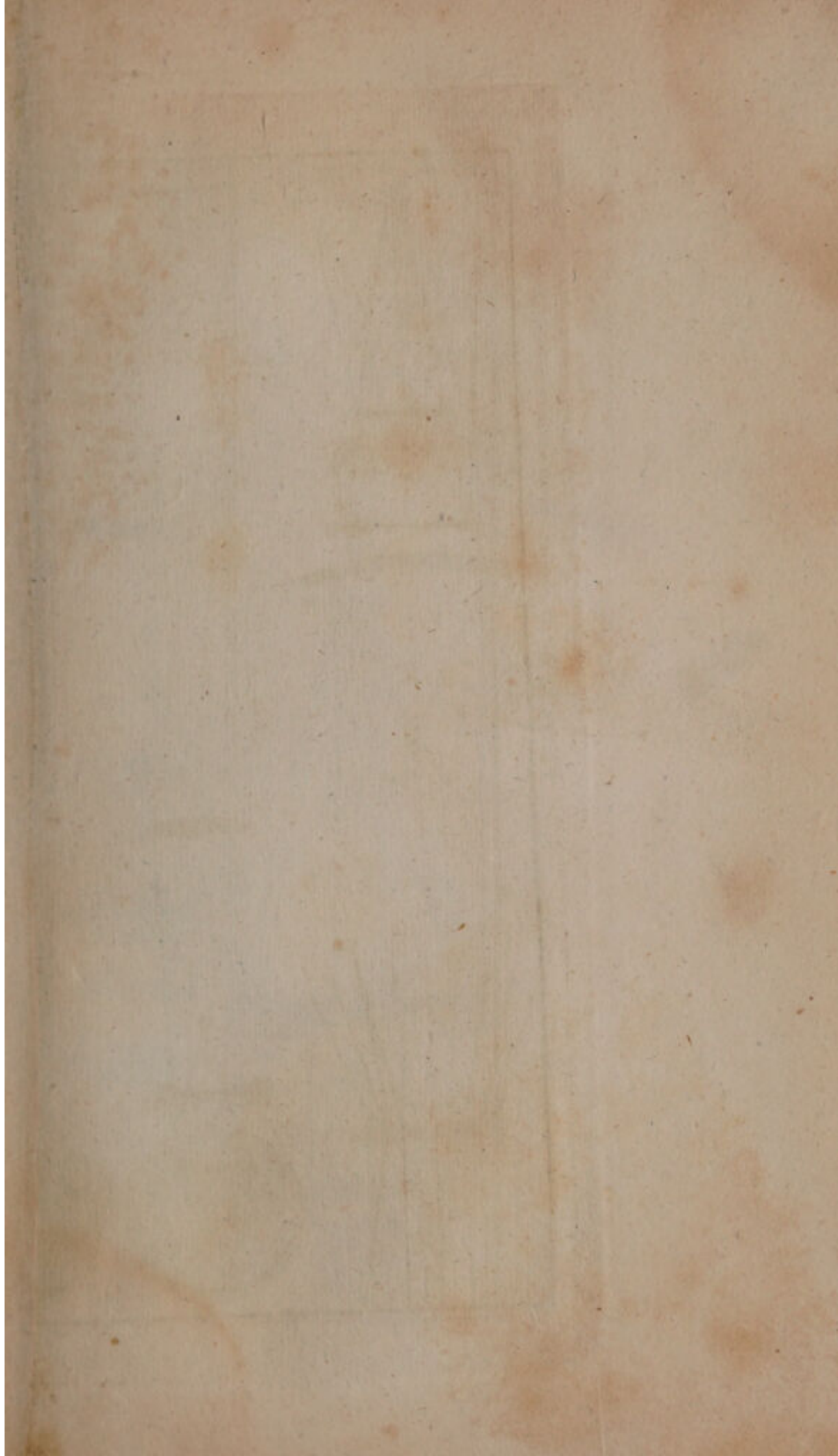
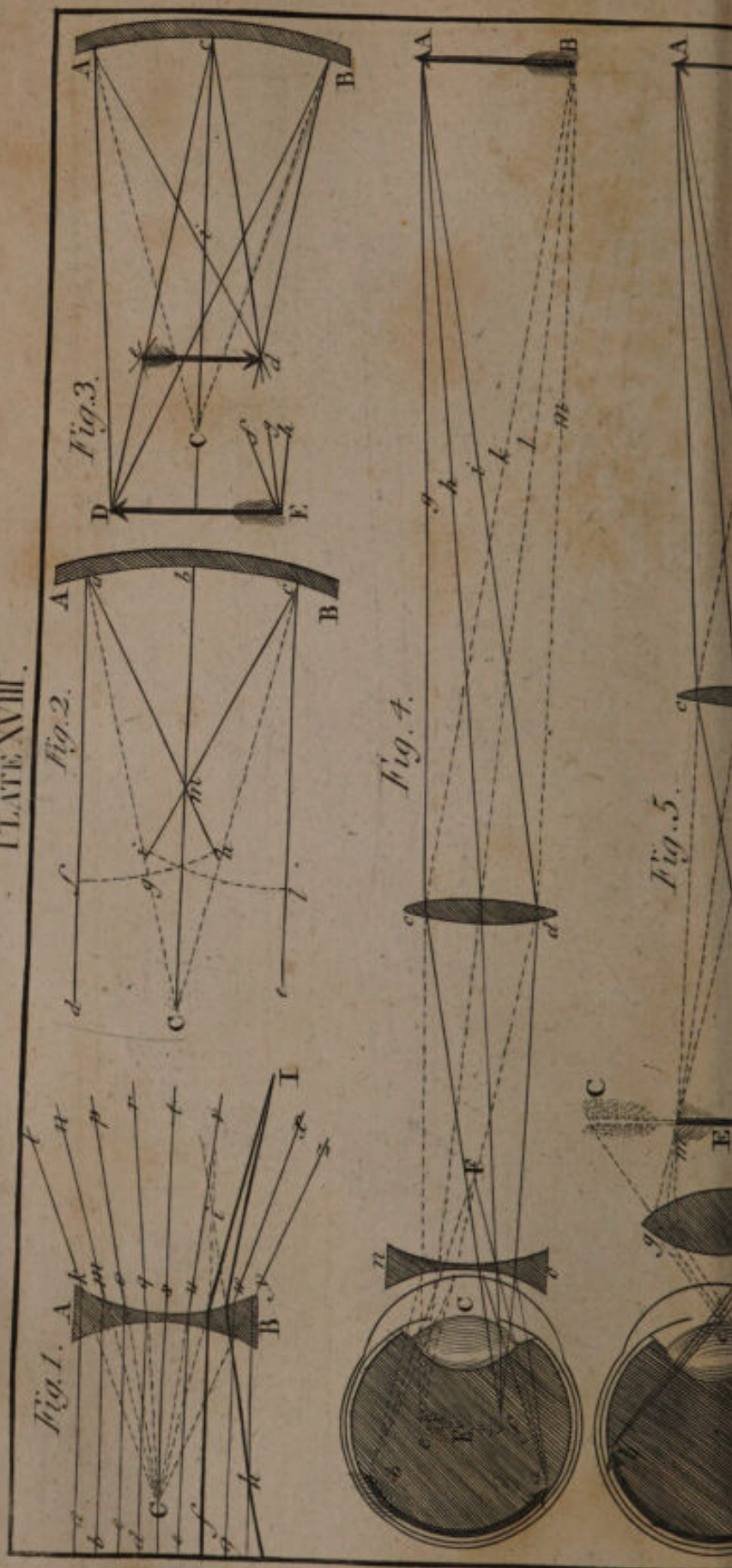


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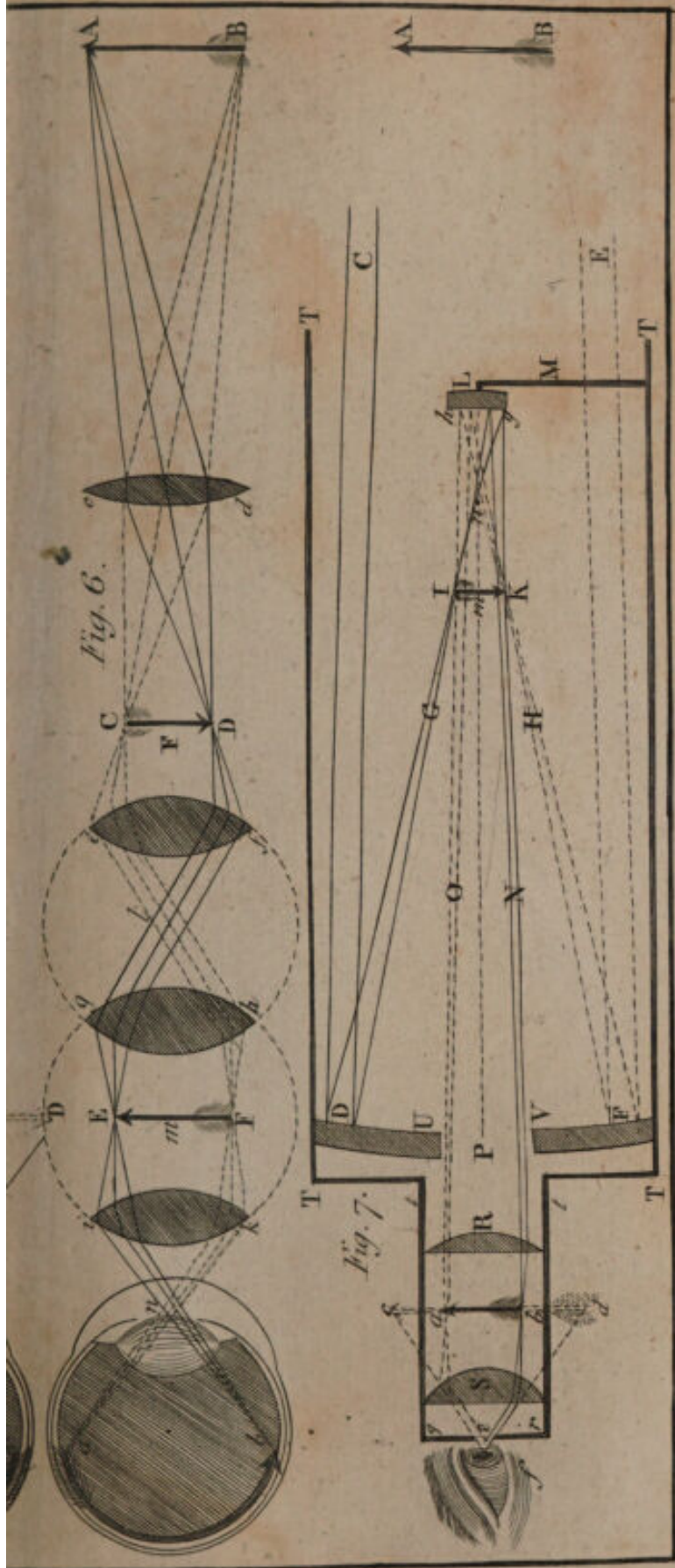






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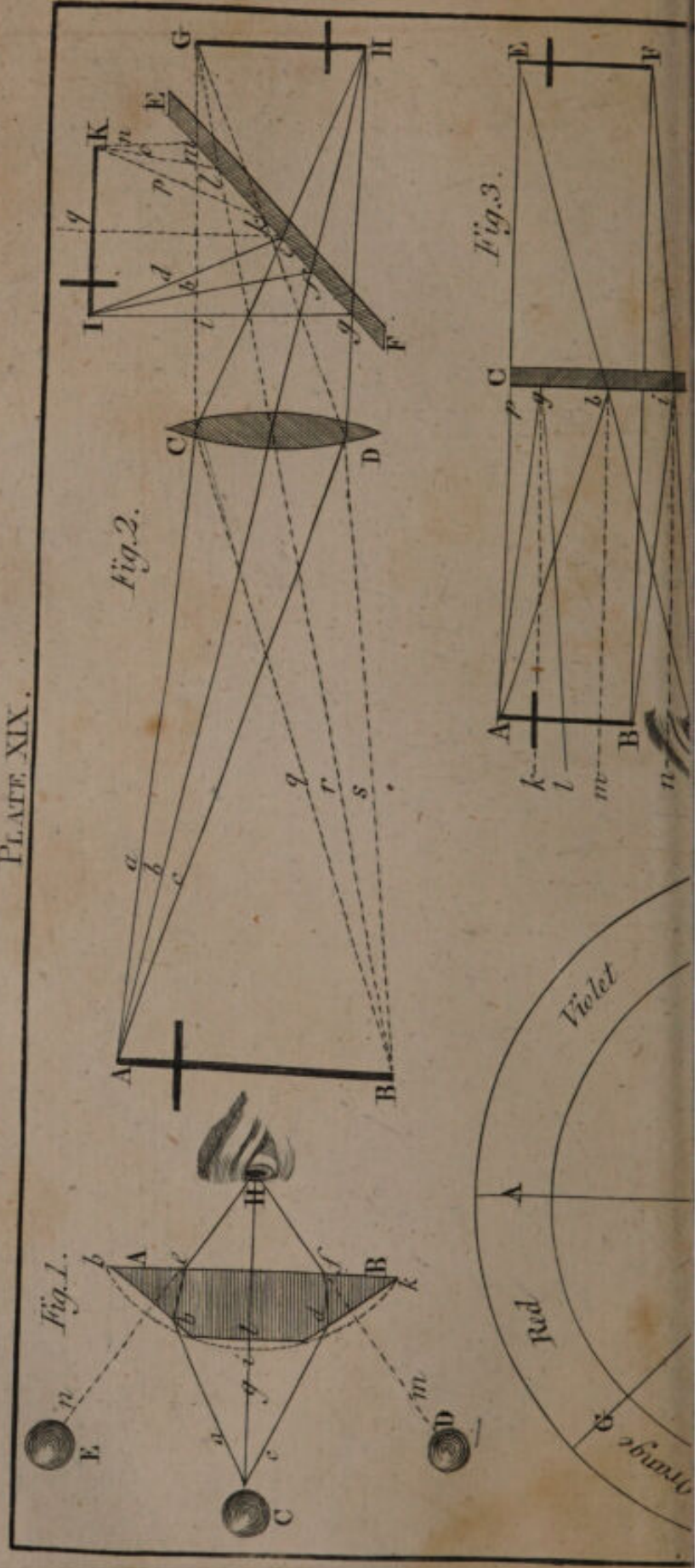
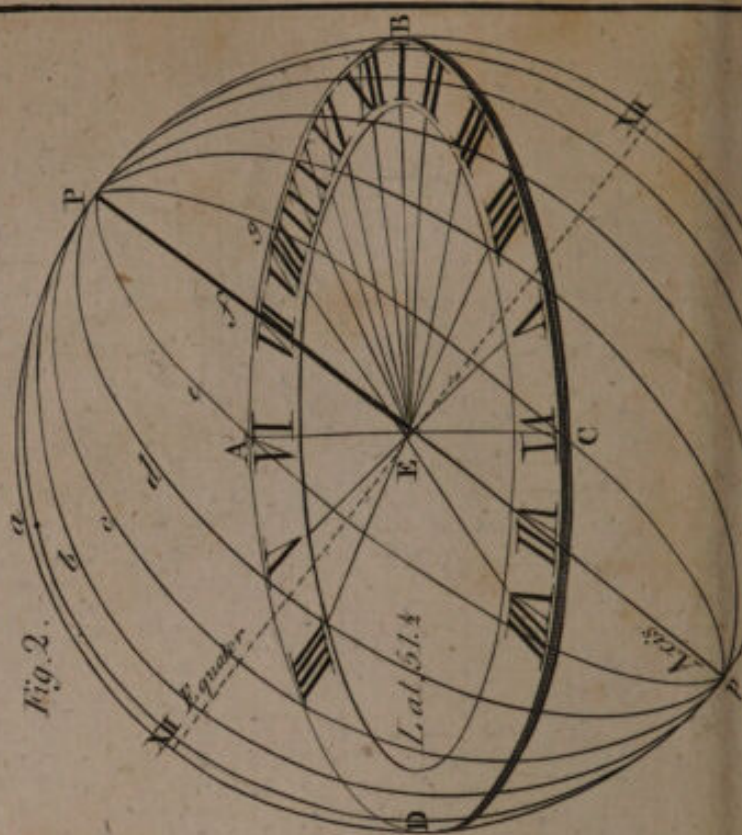
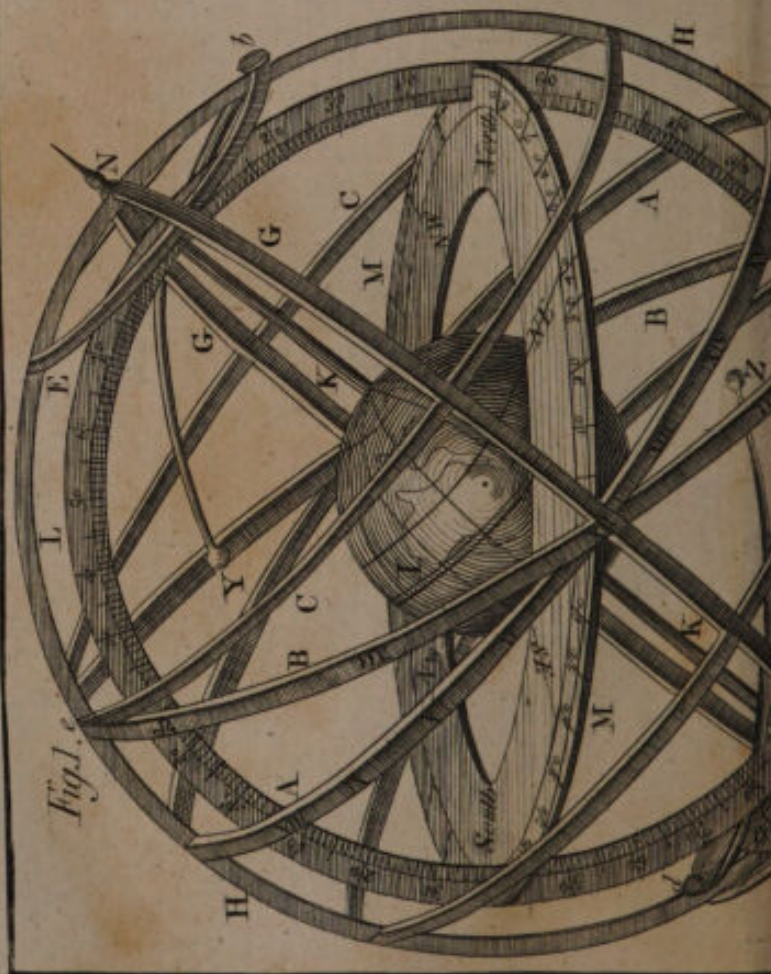






PLATE XX.



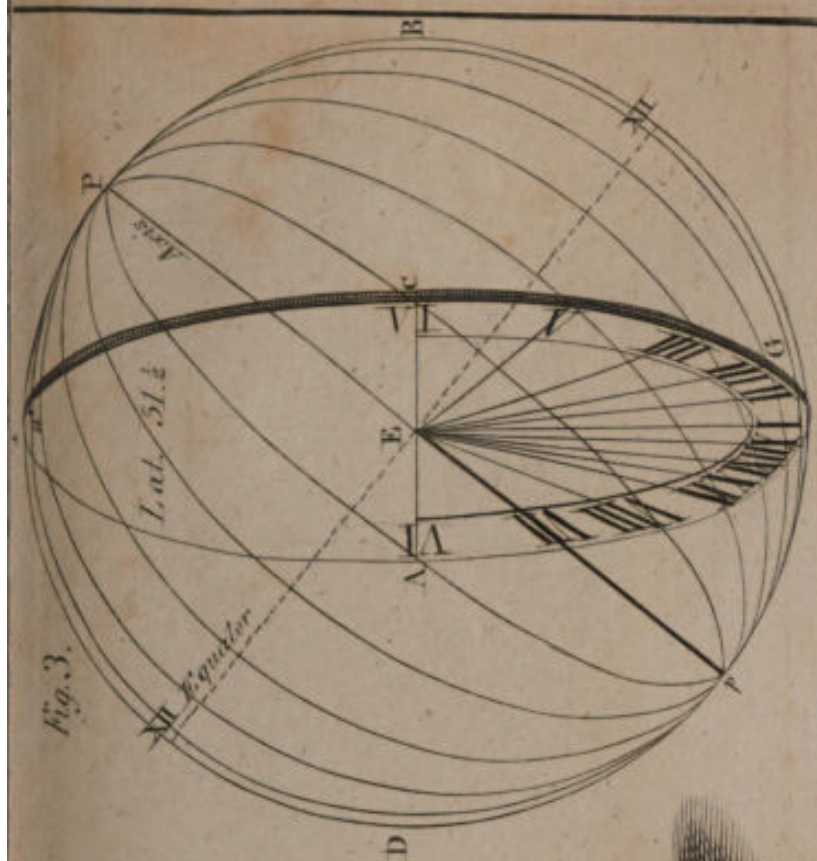
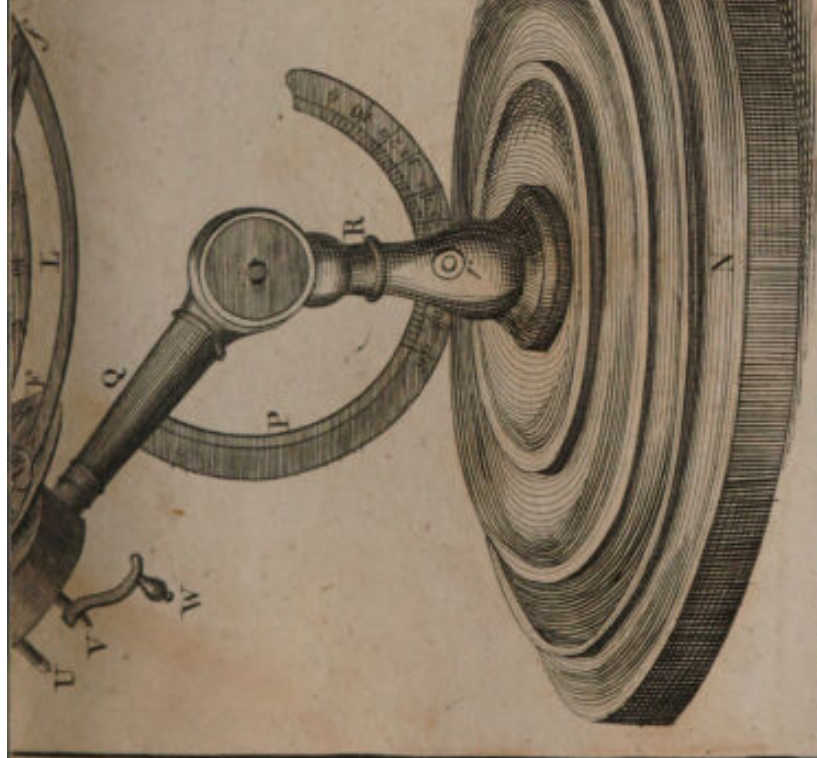
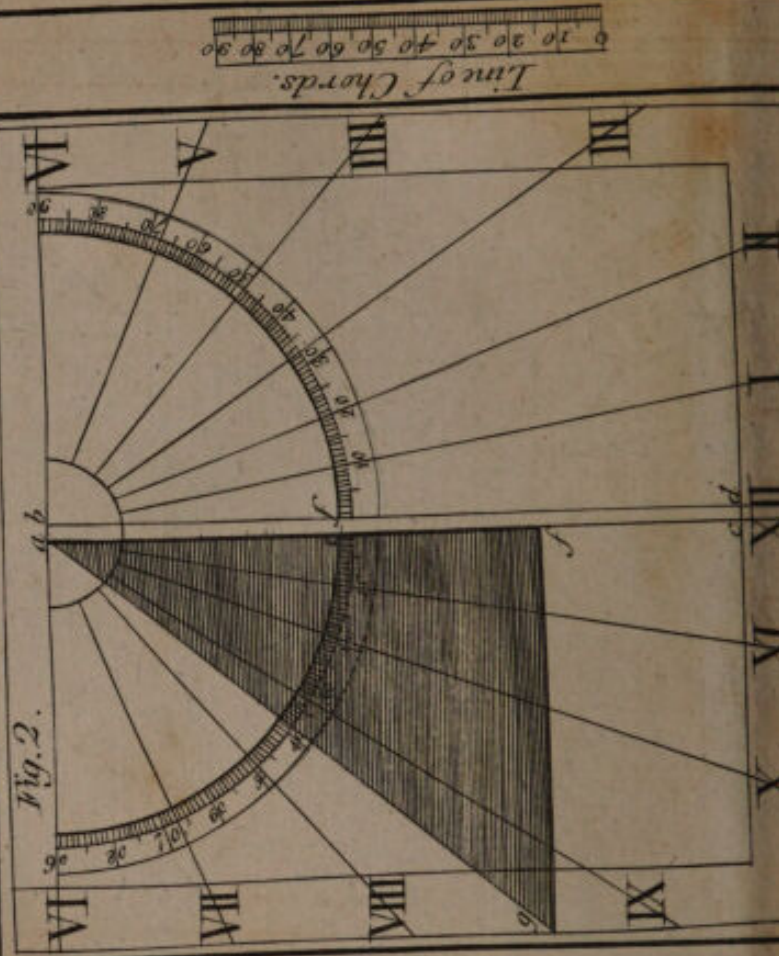
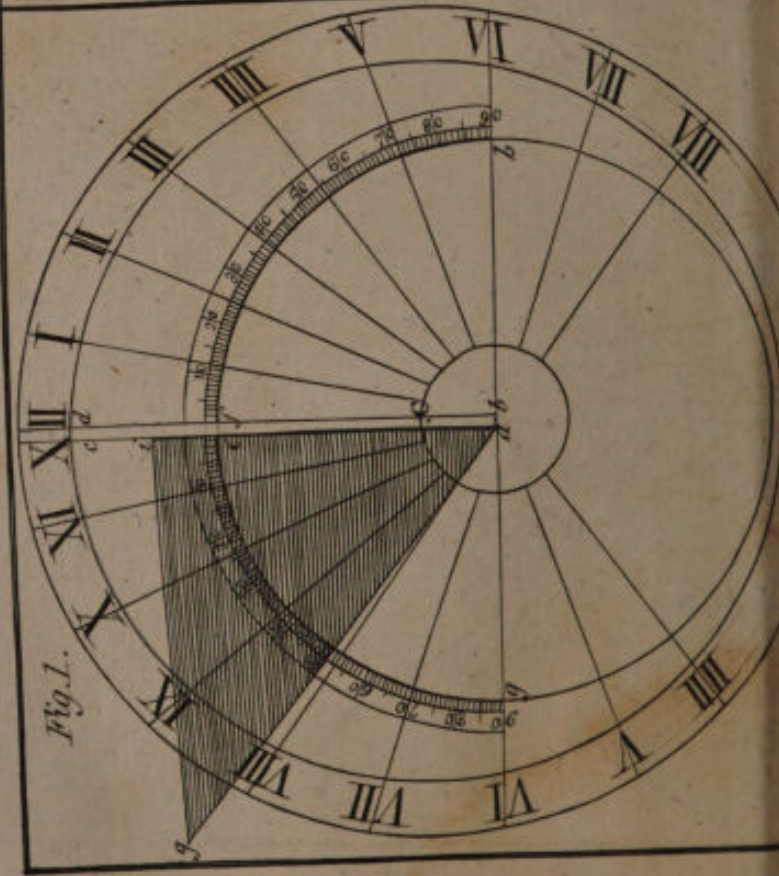


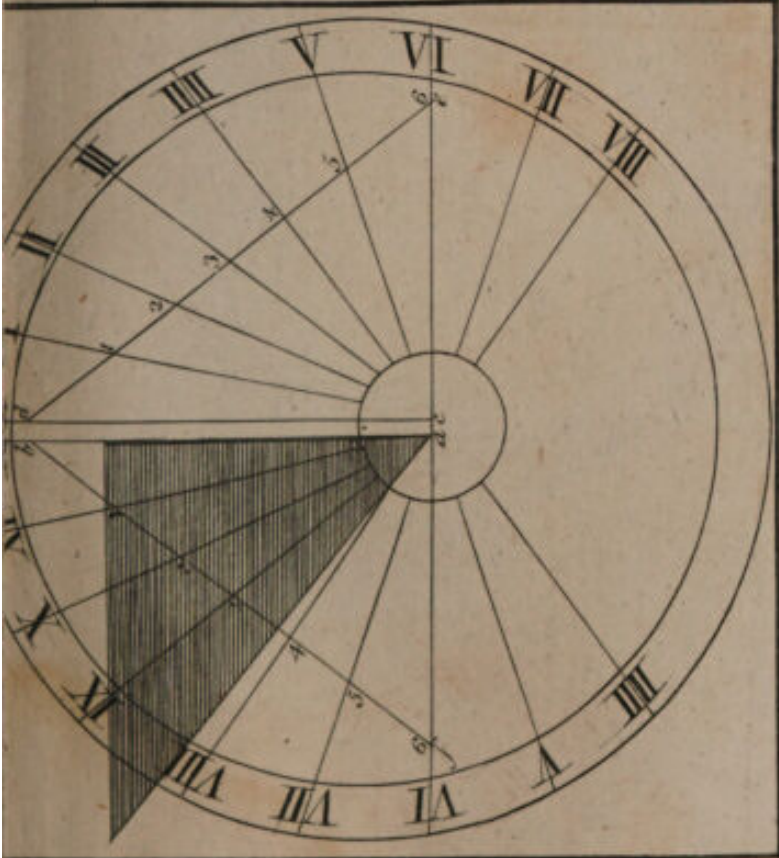
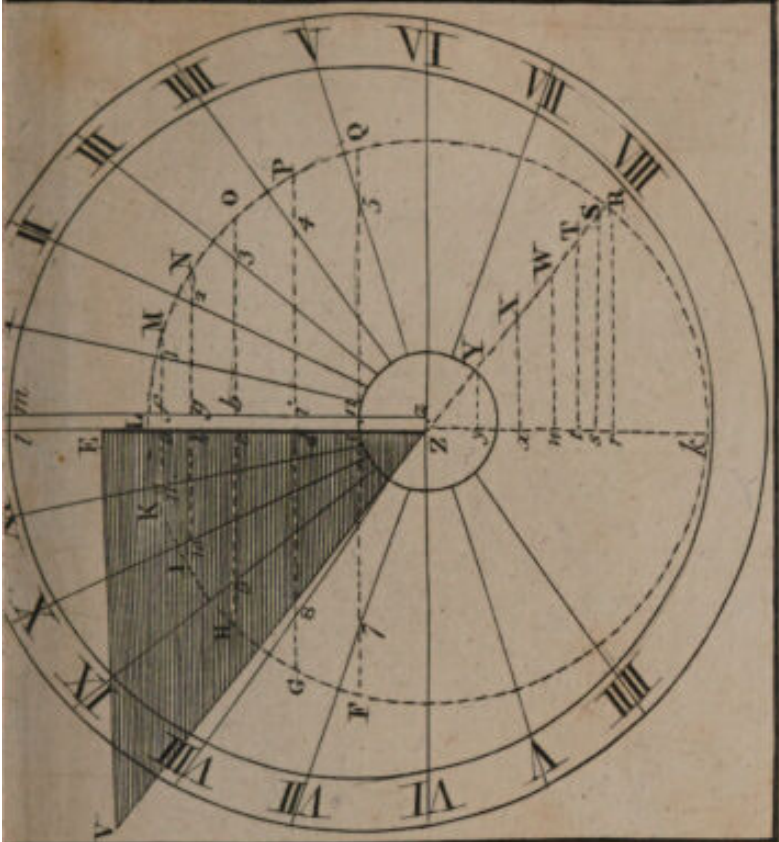


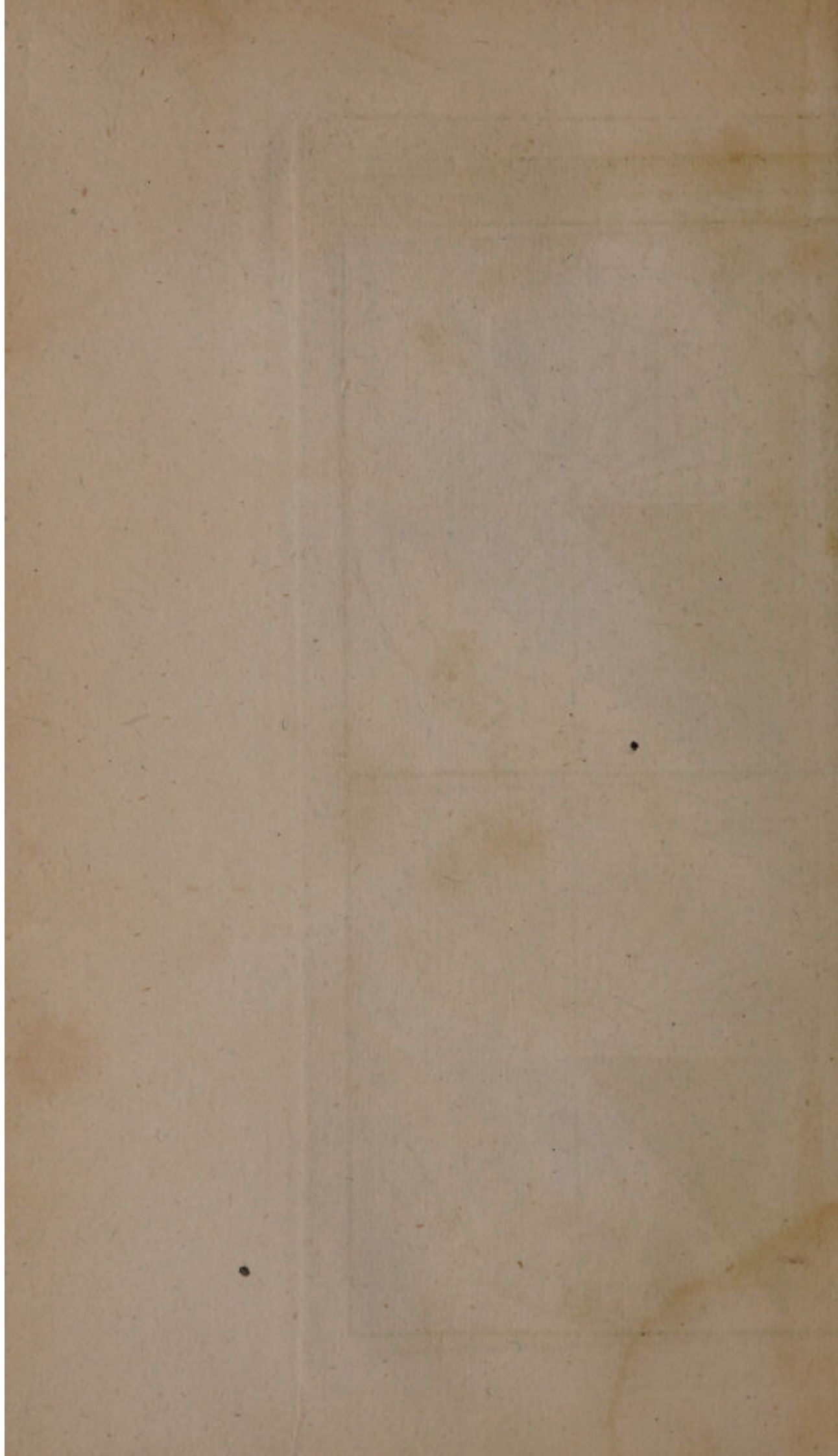


PLATE XXI.



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 VII I II III IV V VI Scale of 1. inches.
 VII I II III IV V VI Scale of 1. inches.





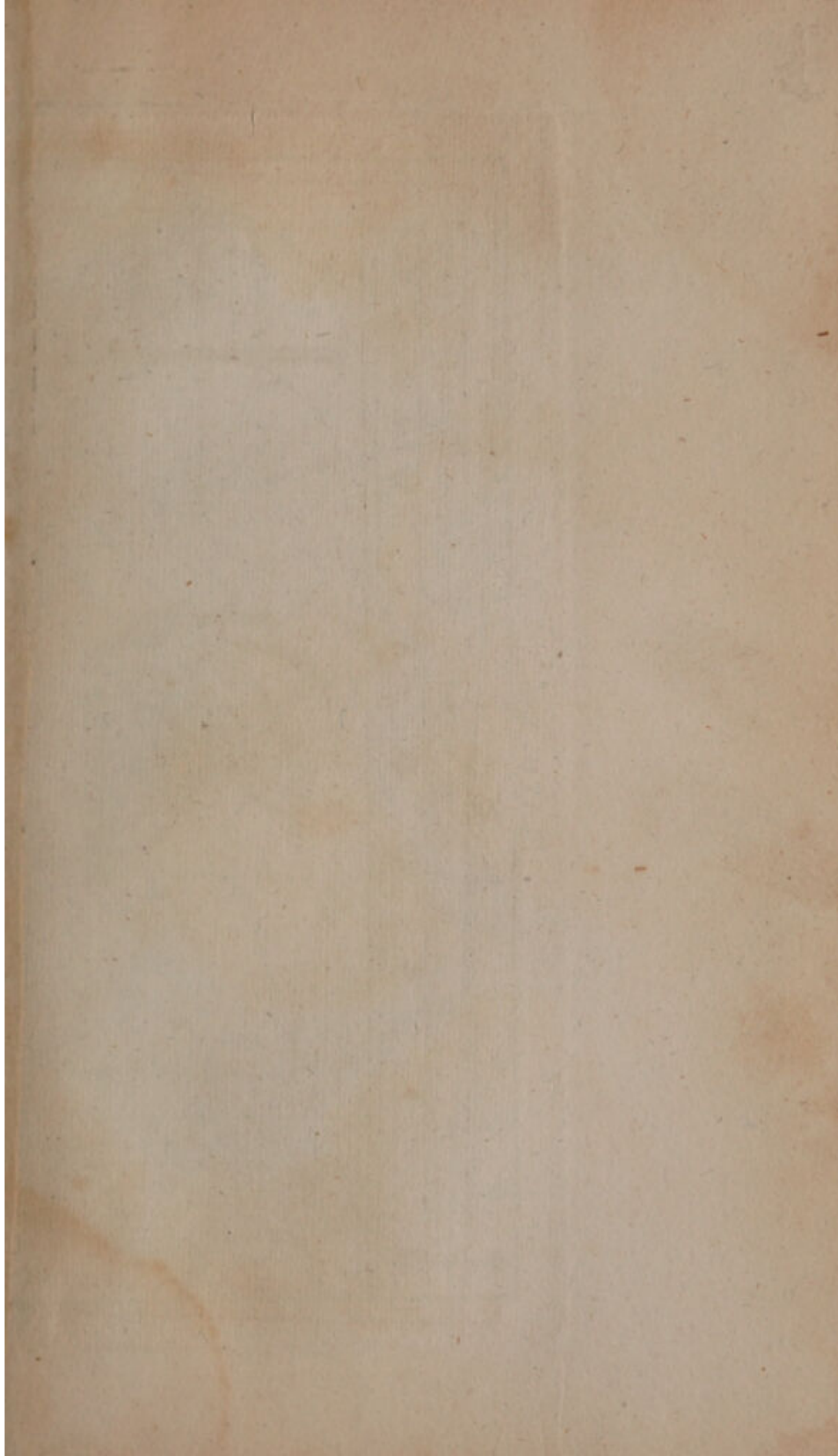
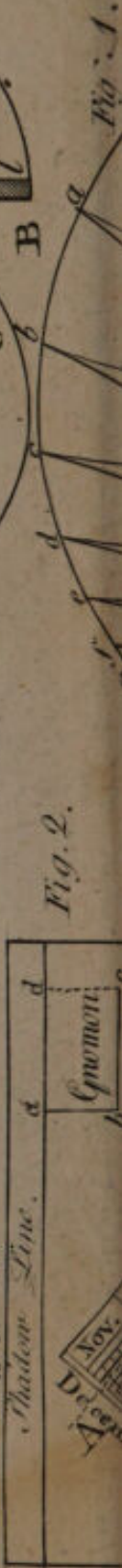
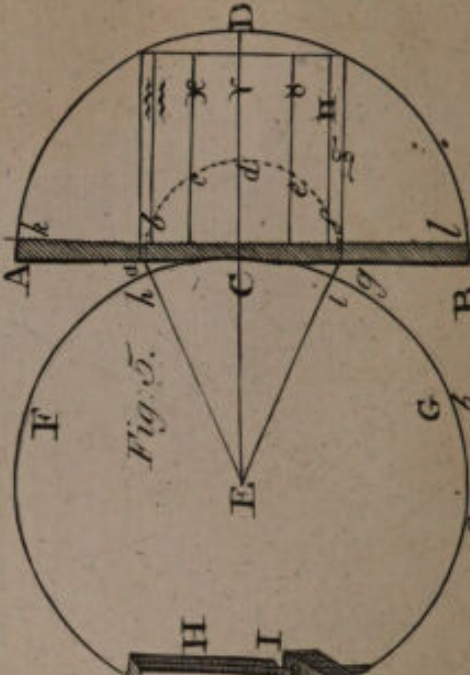
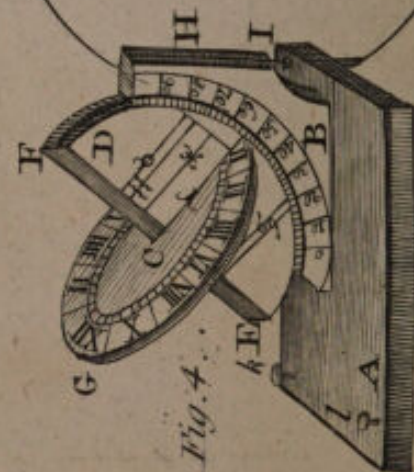
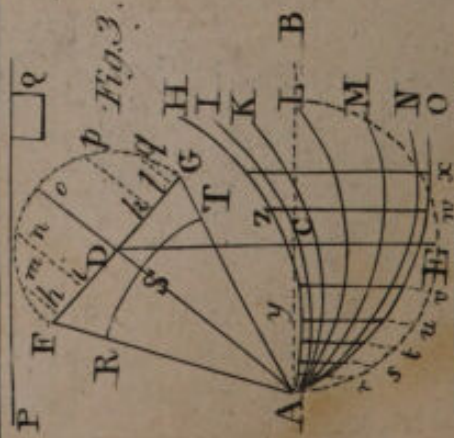
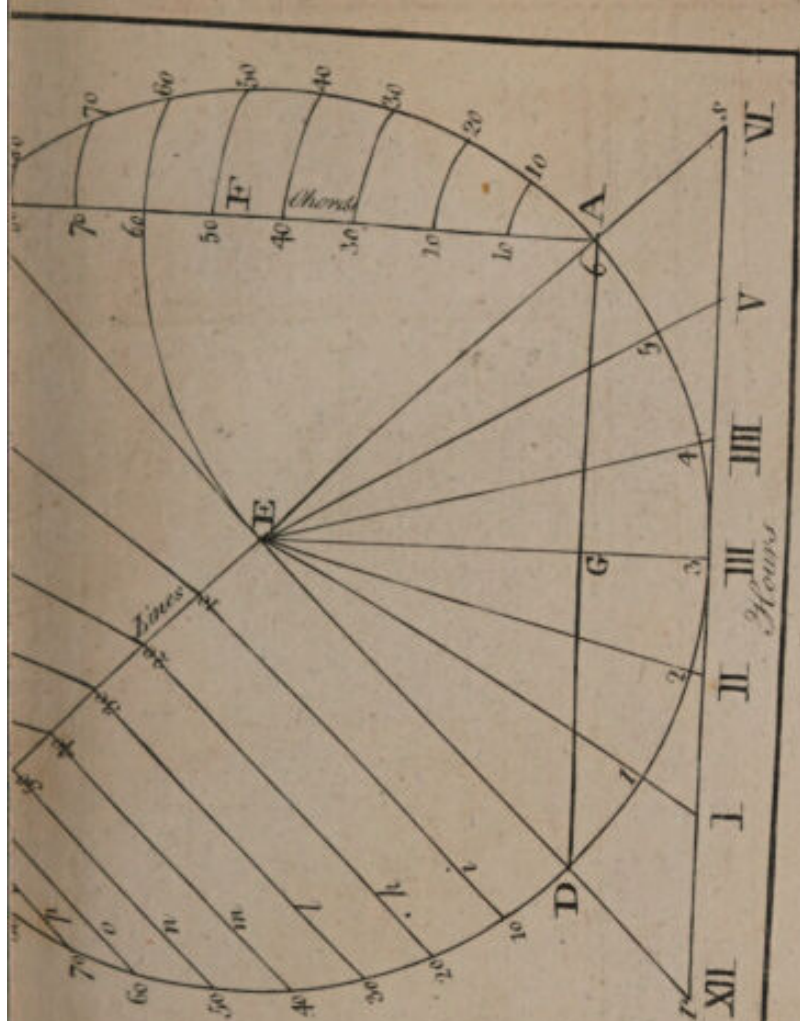
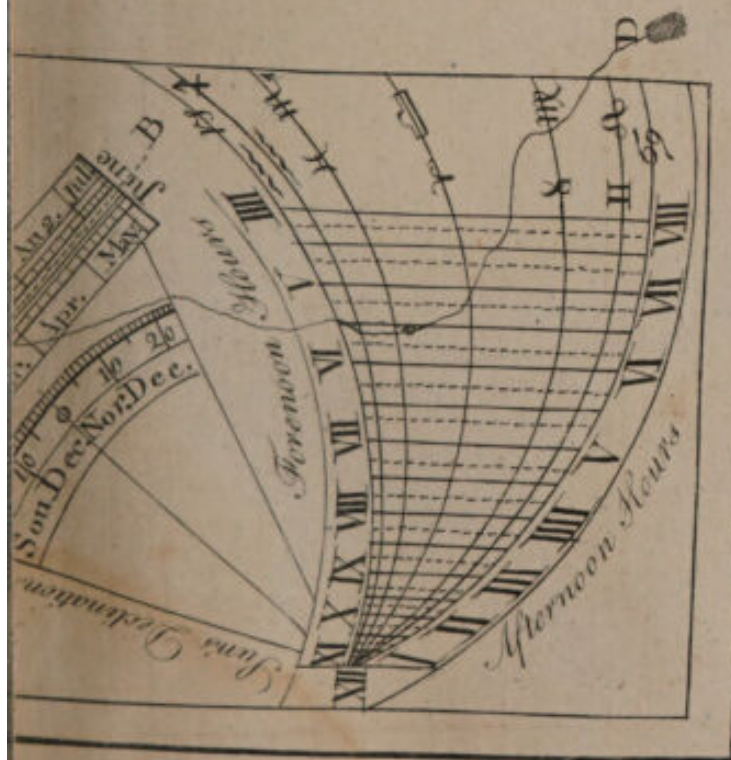
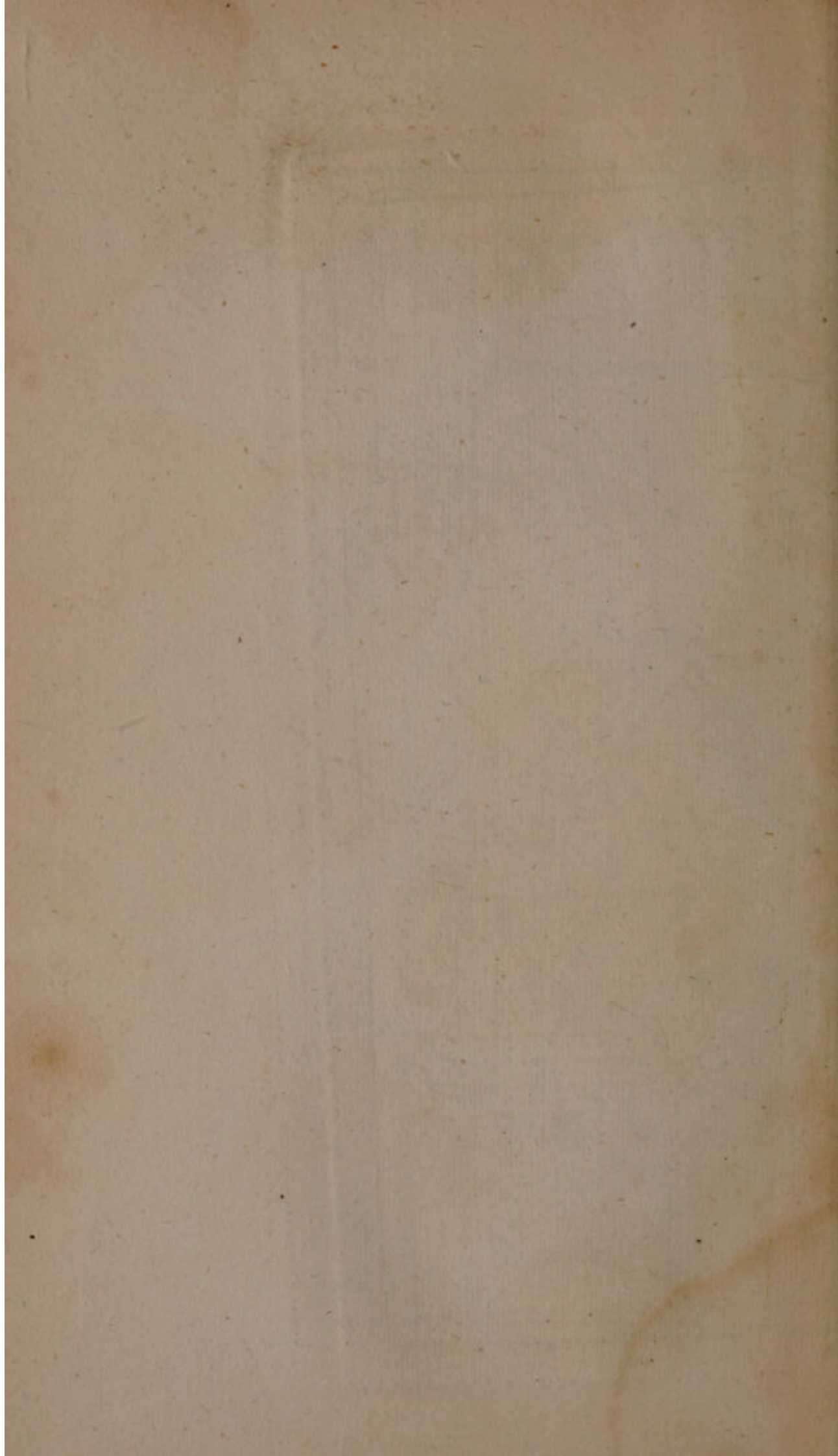


PLATE XXII.







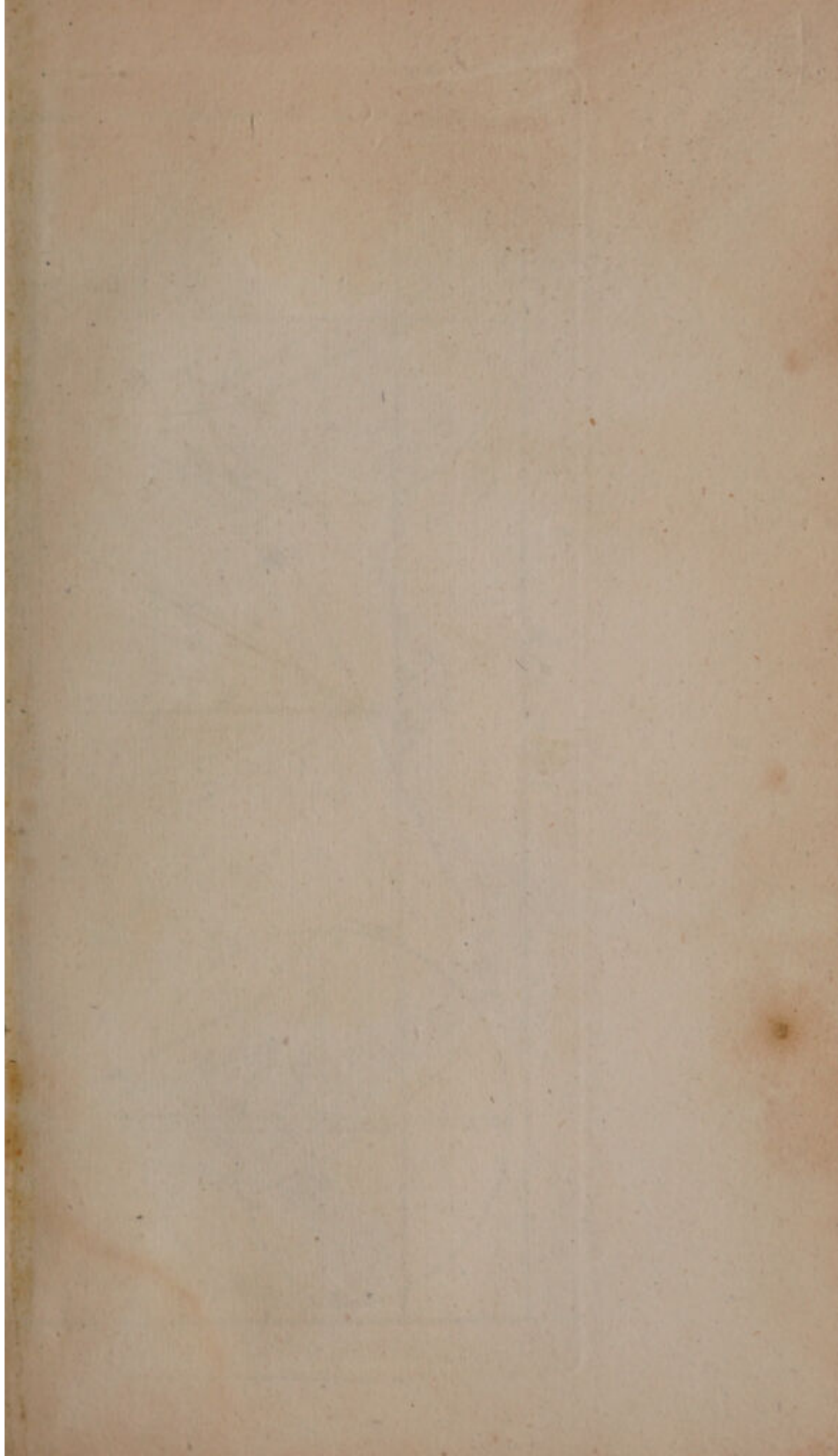
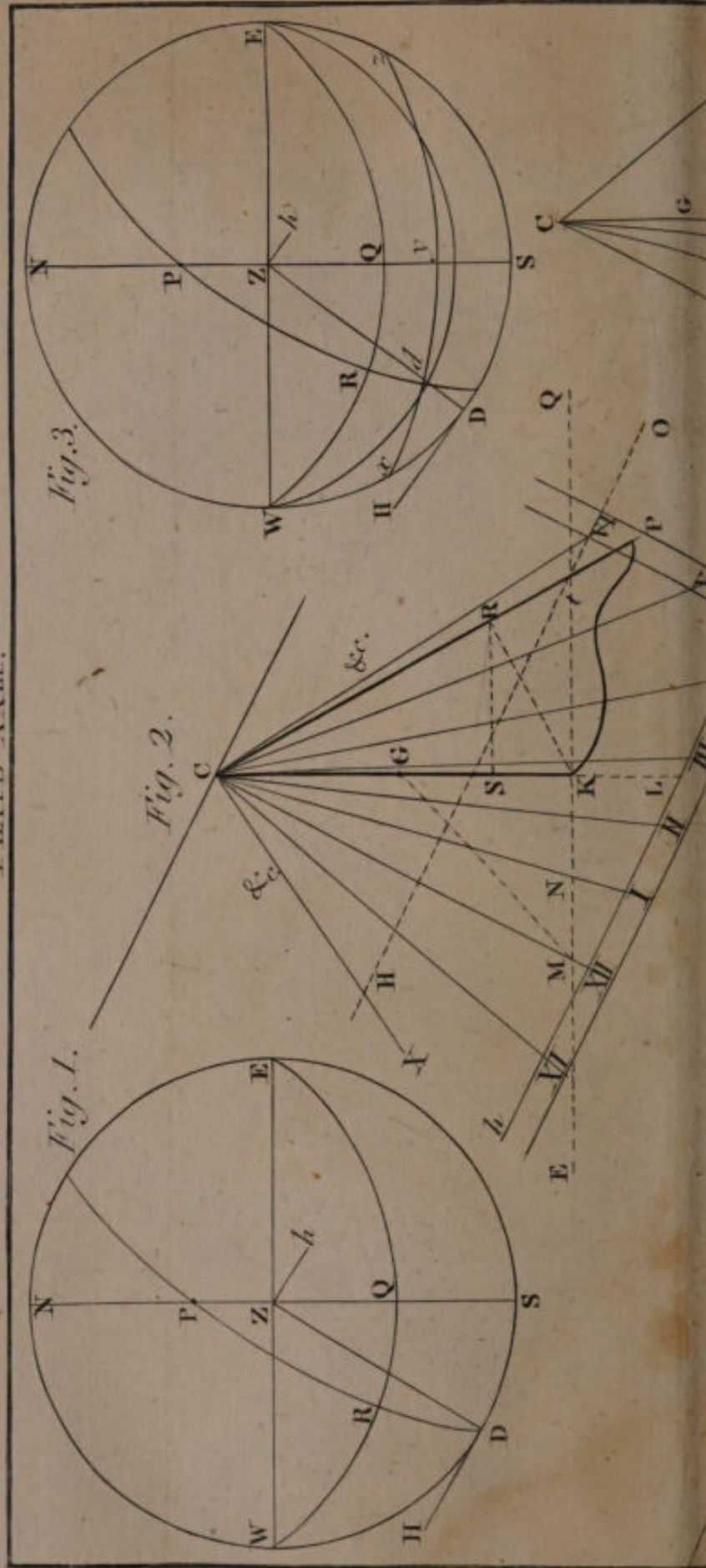
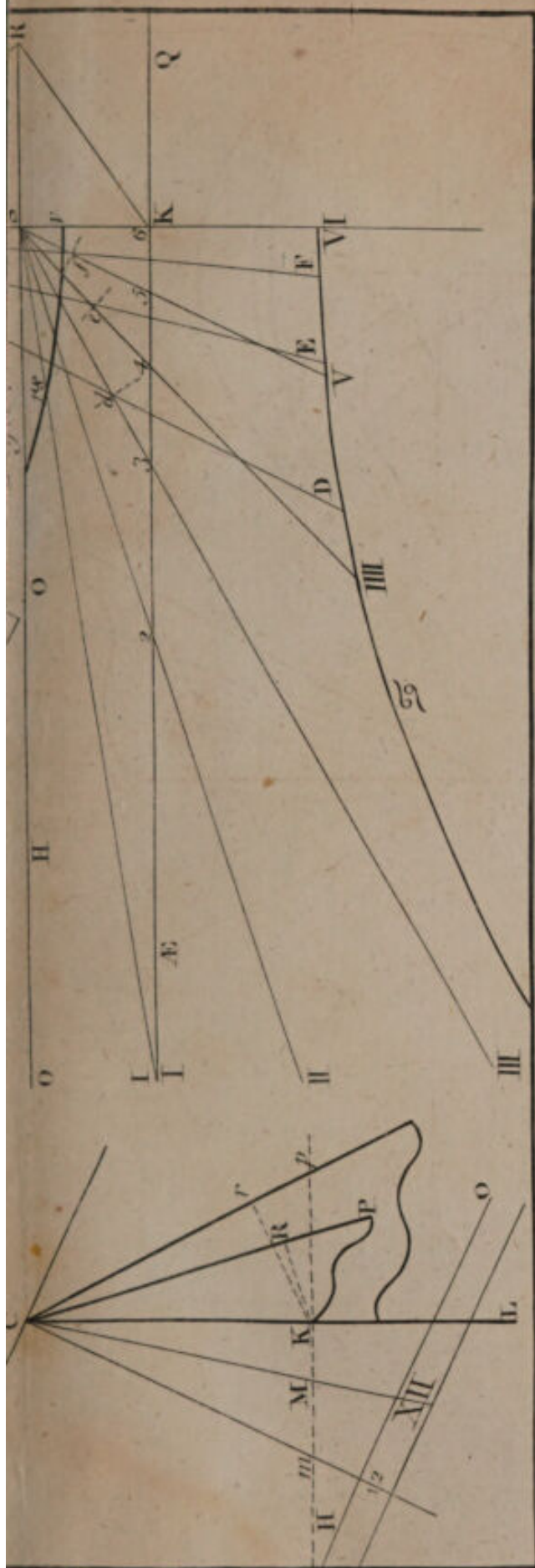


PLATE XXIII.





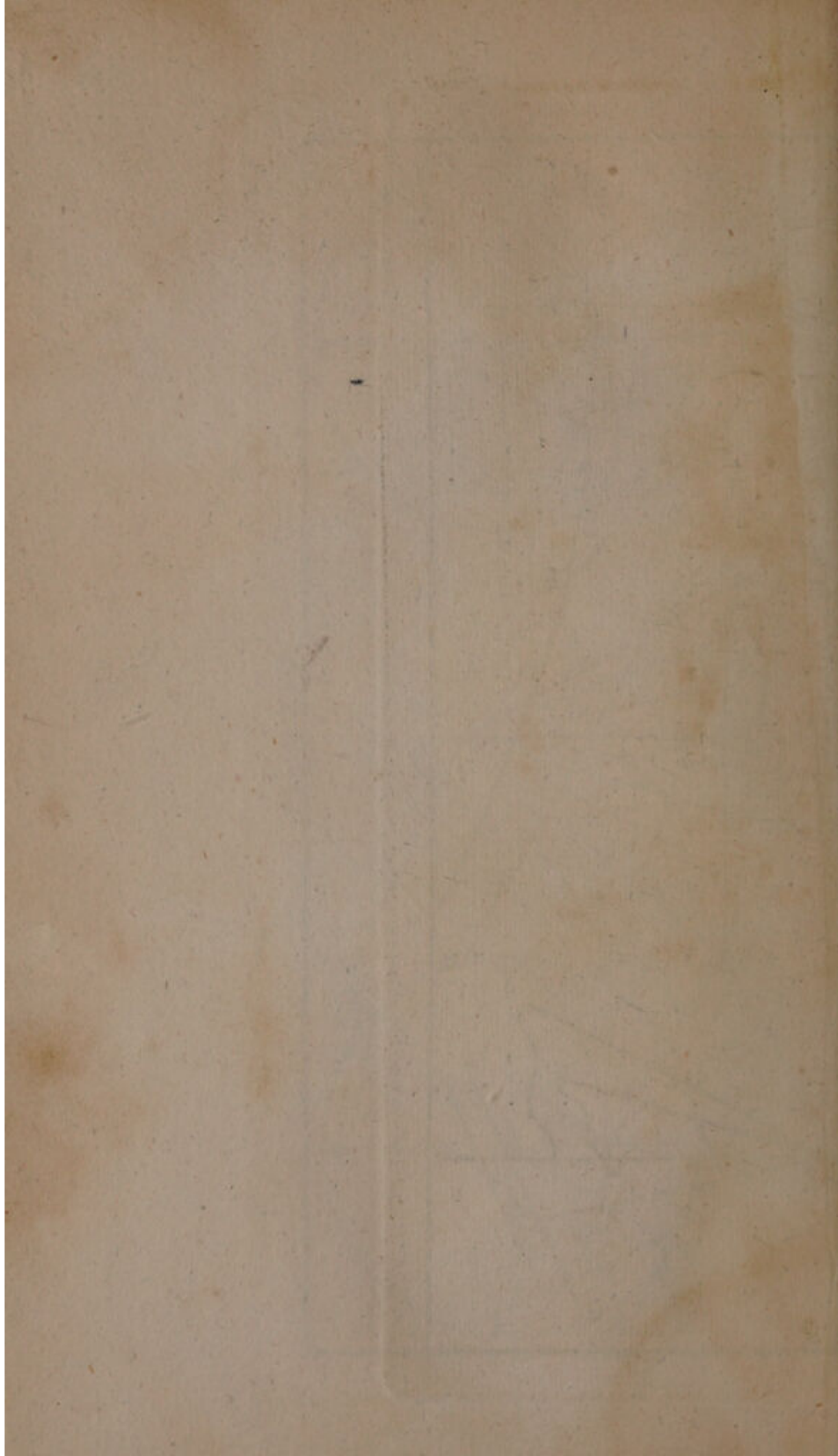
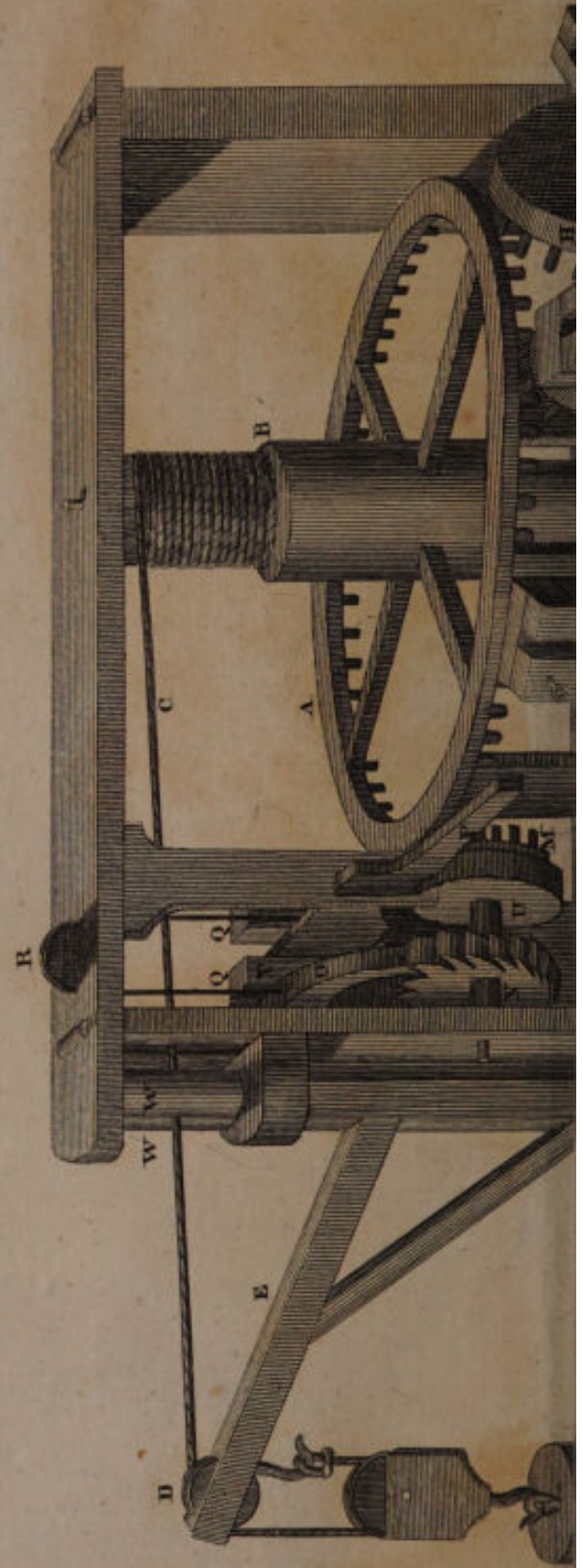




PLATE . I .

Sup.





Blasius Scotti



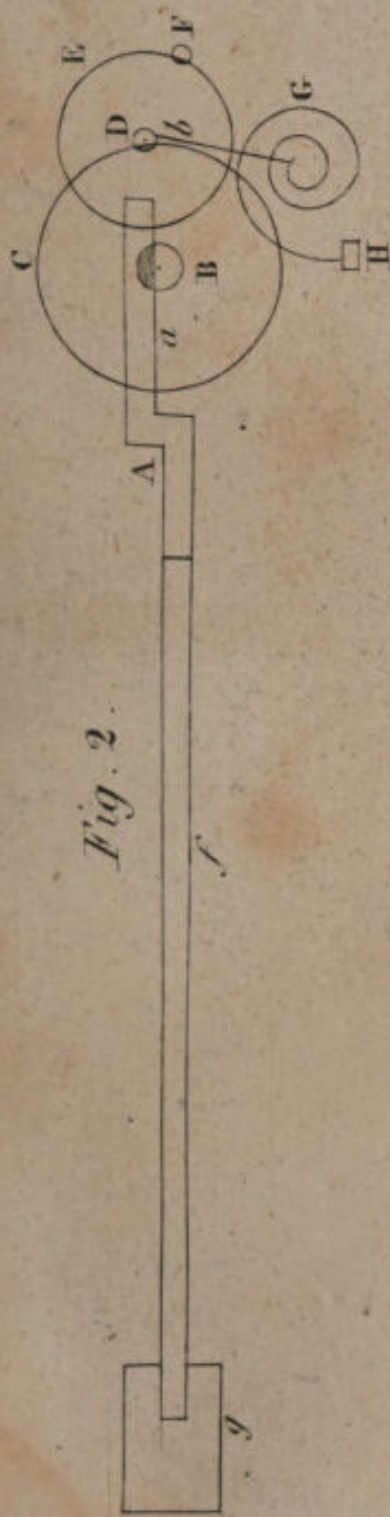


Sup.

PLATE II.

Fig. 1.





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0

D

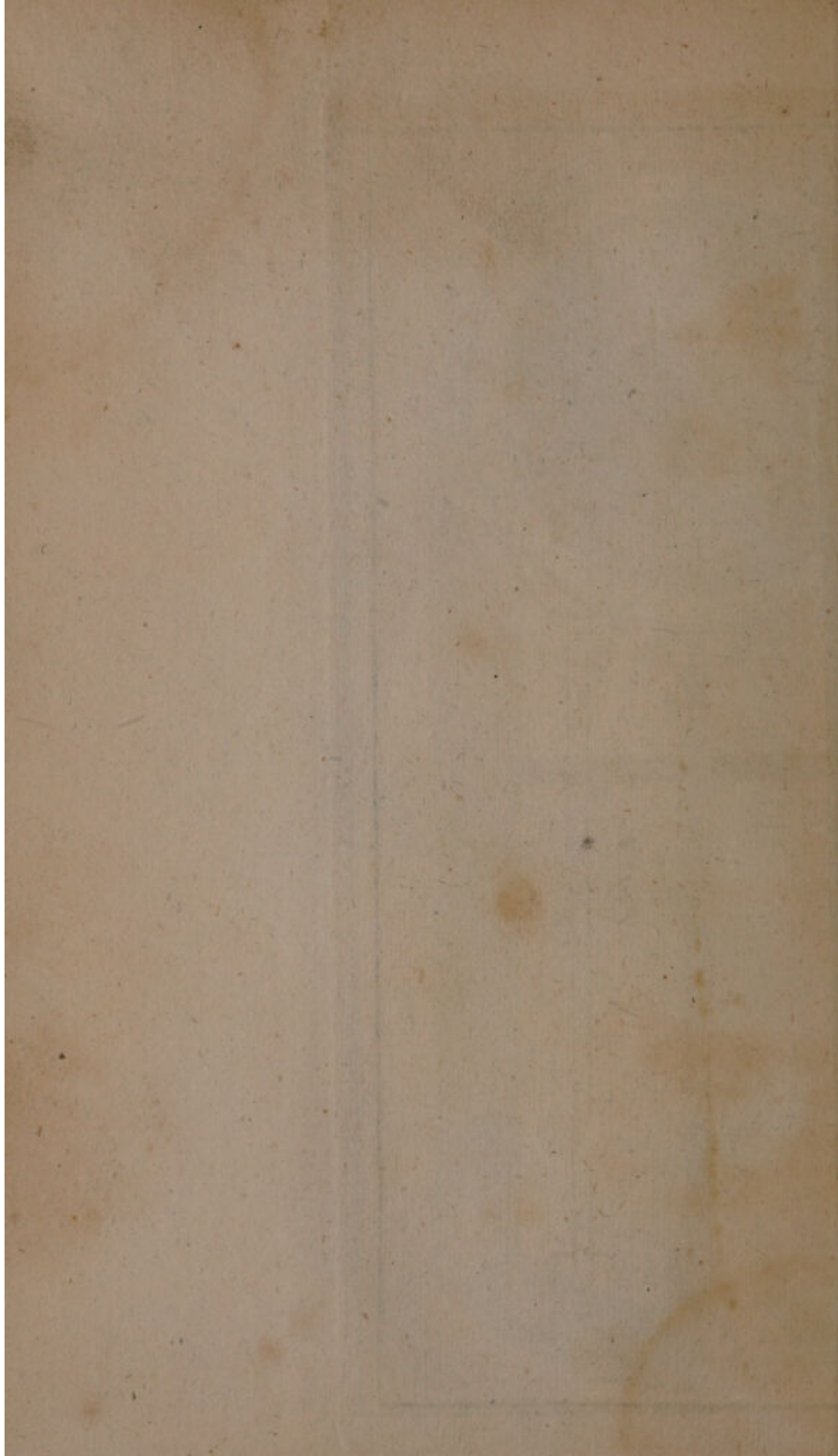
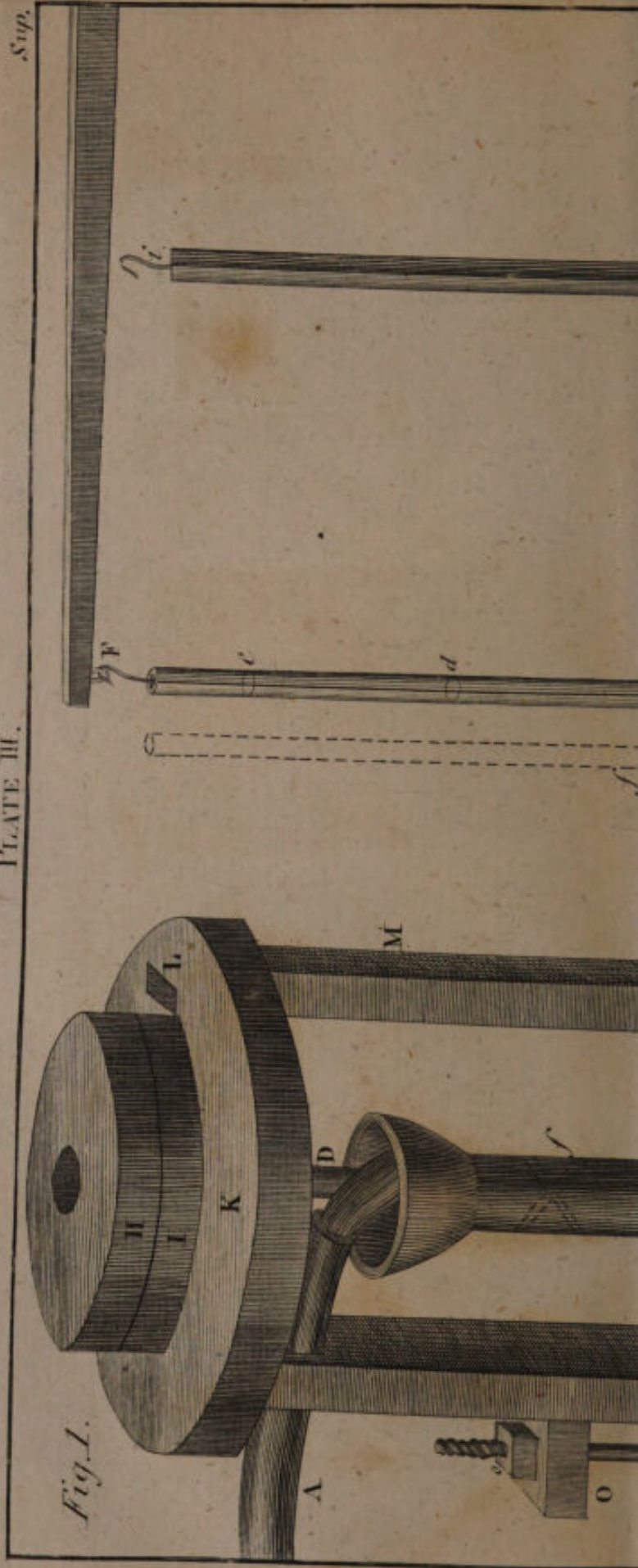




PLATE III.



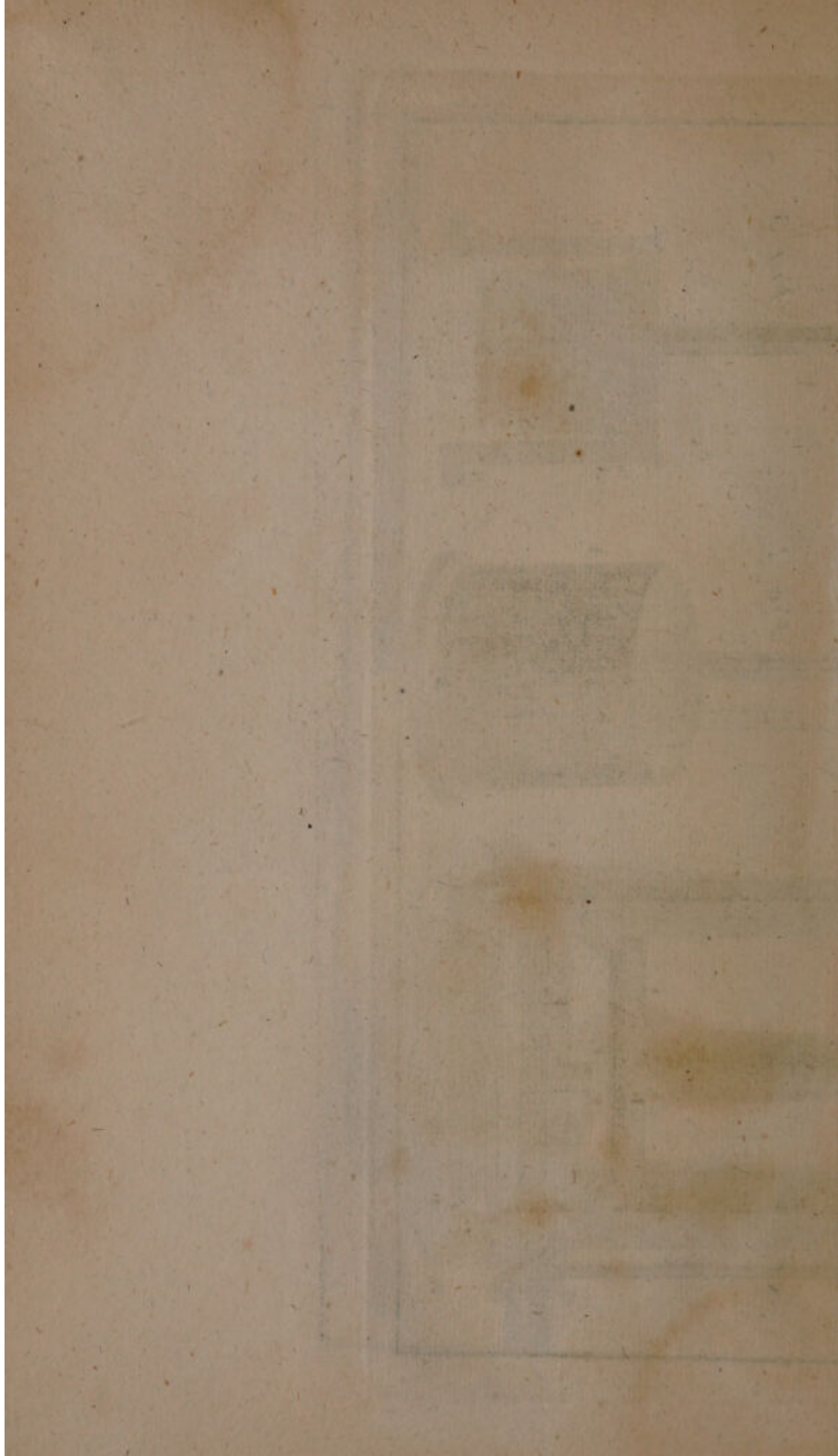




PLATE IV.

Sup.

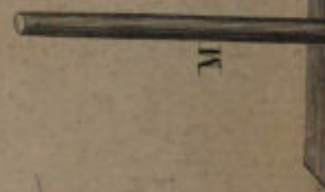
Fig. 2.

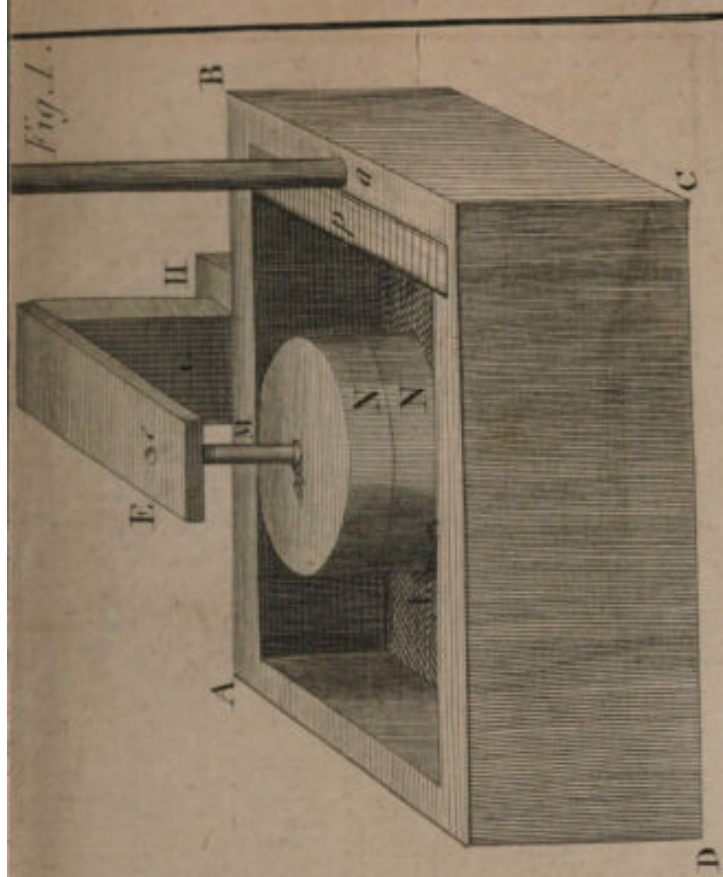
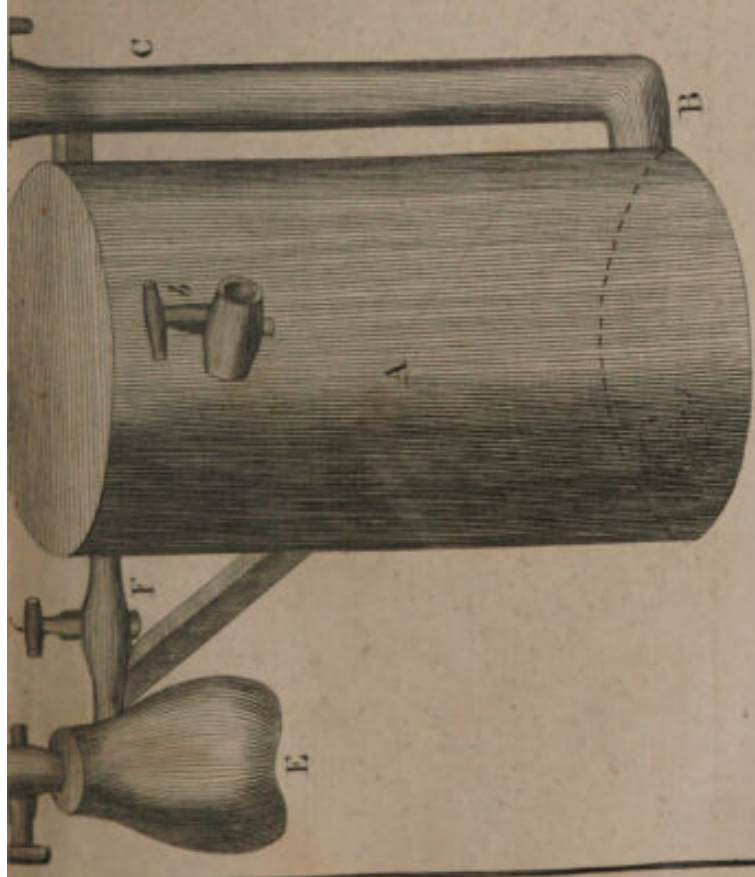


Fig. 4.



Fig. 3.





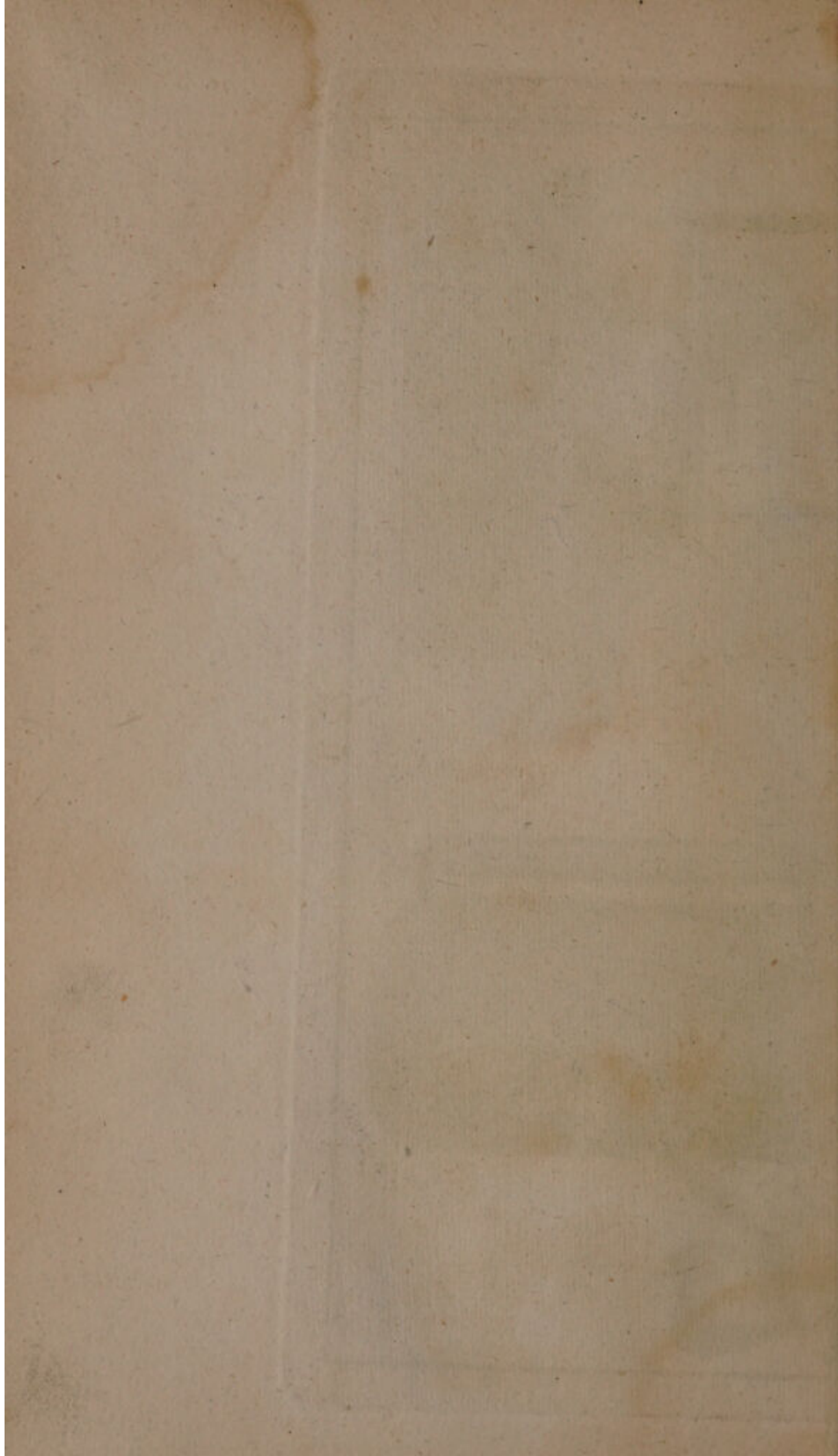
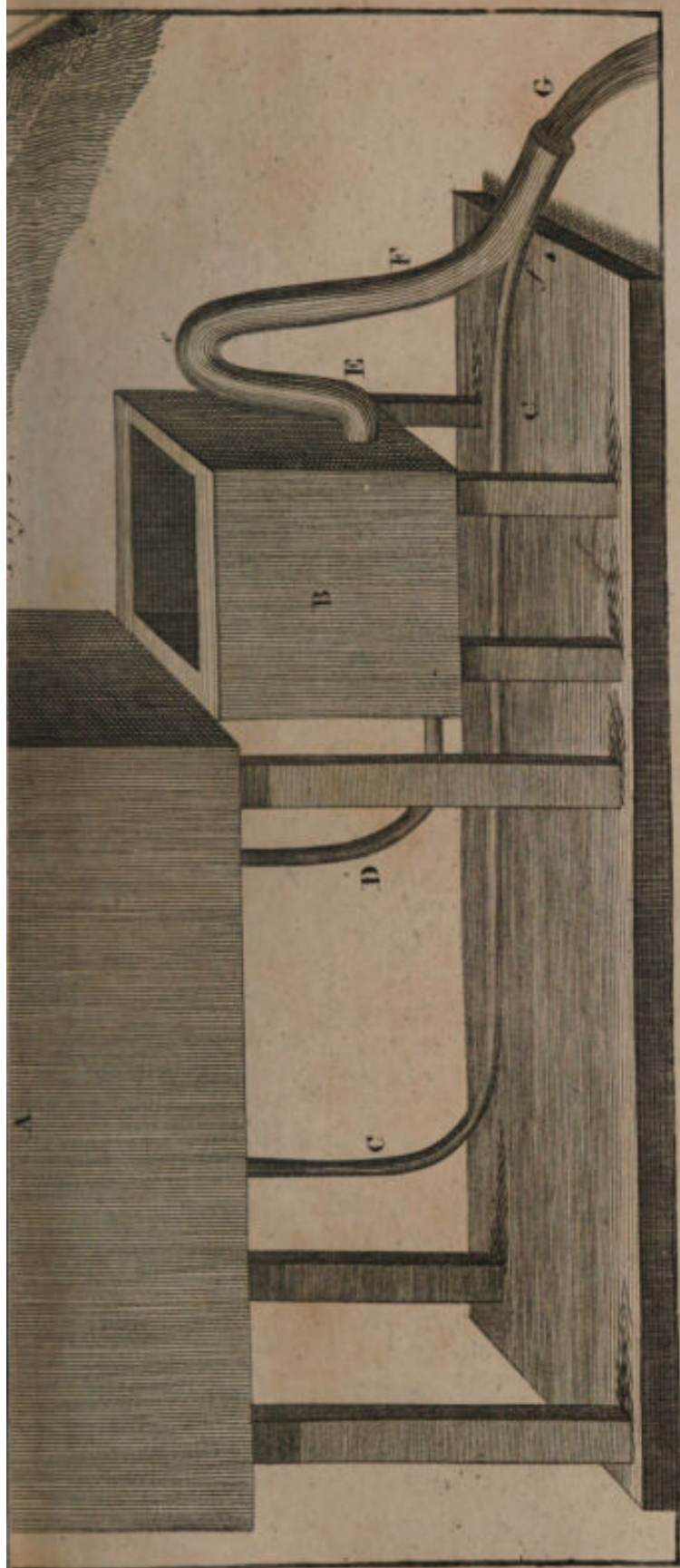




PLATE V.

Sup.





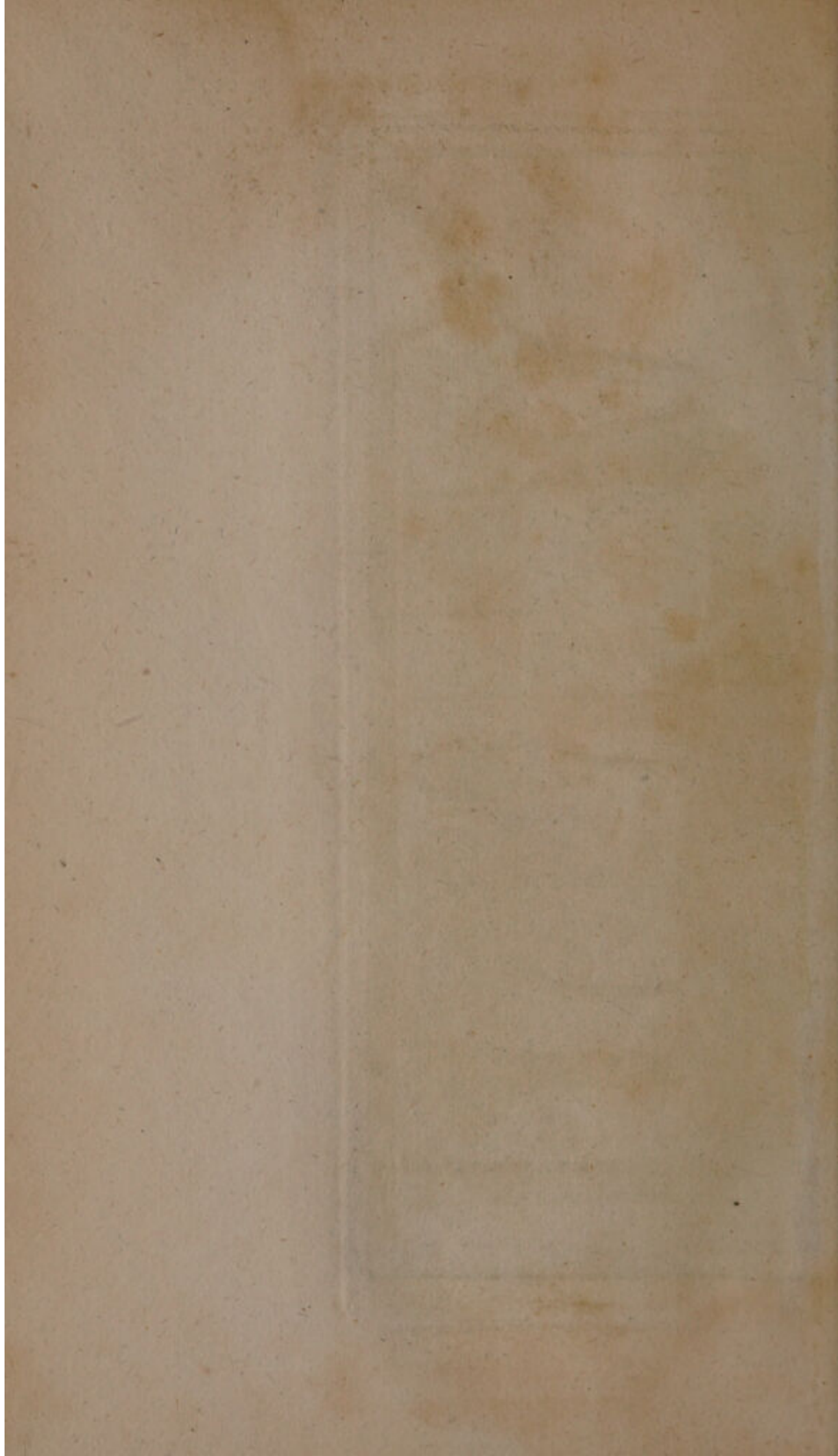




PLATE VI.

Sup.



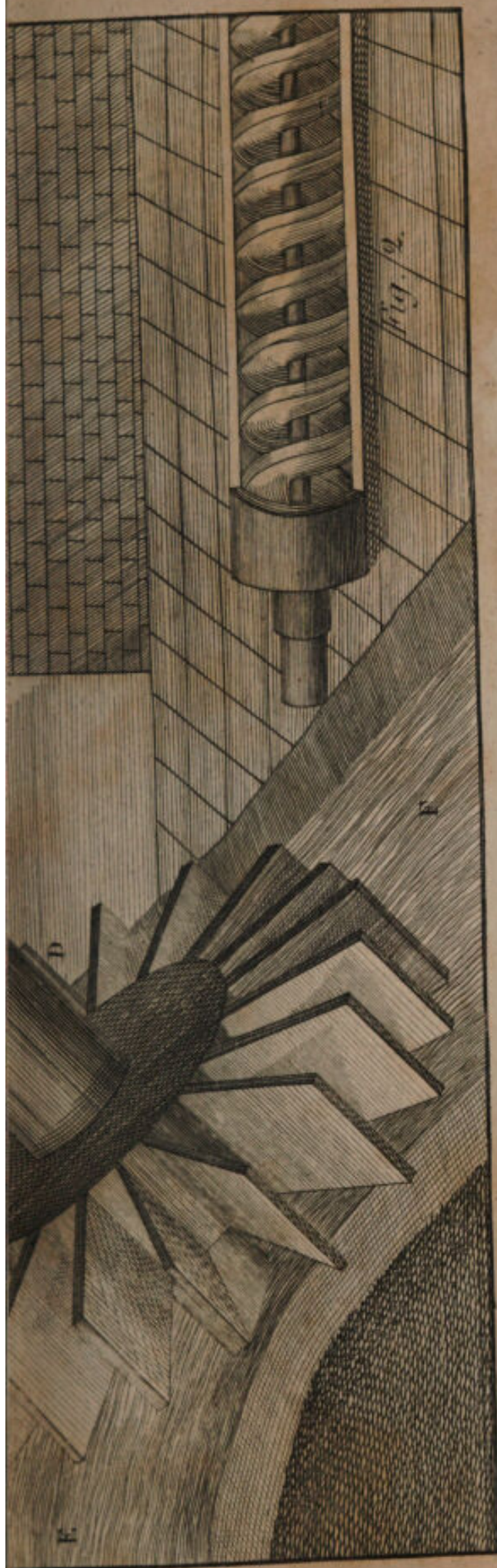
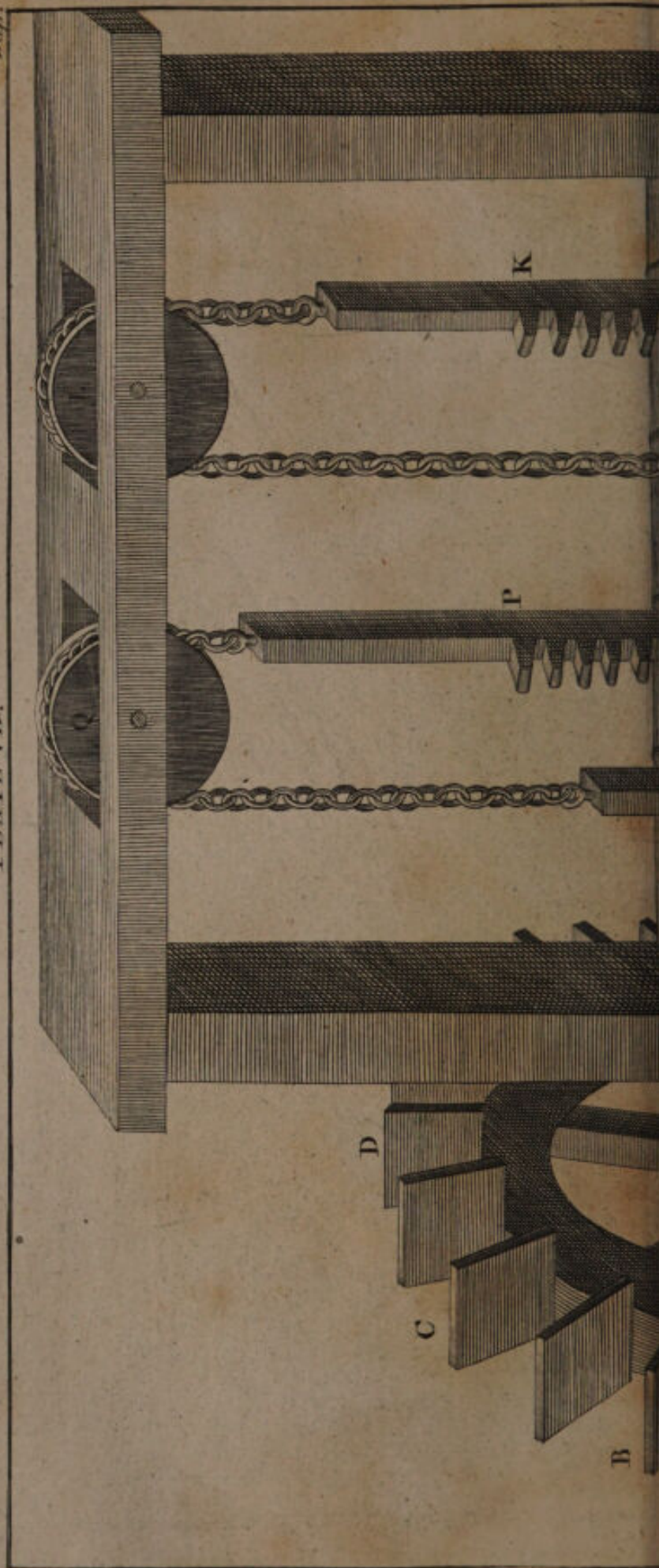


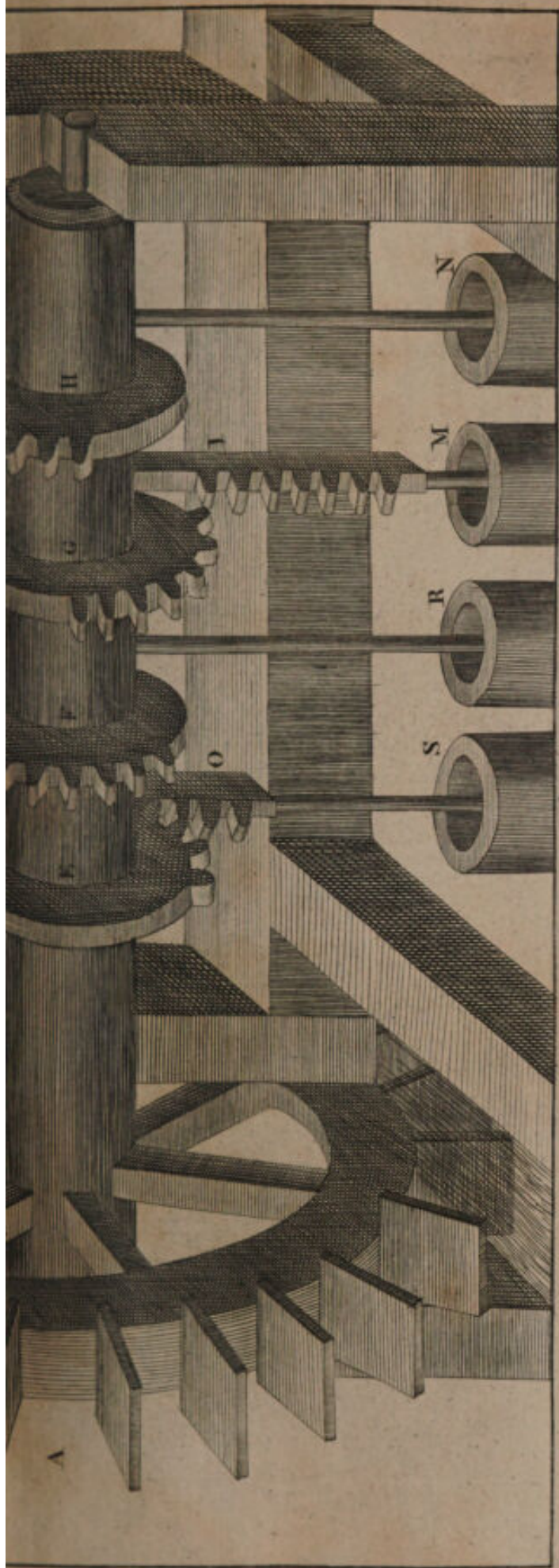




PLATE VII.

Sup.





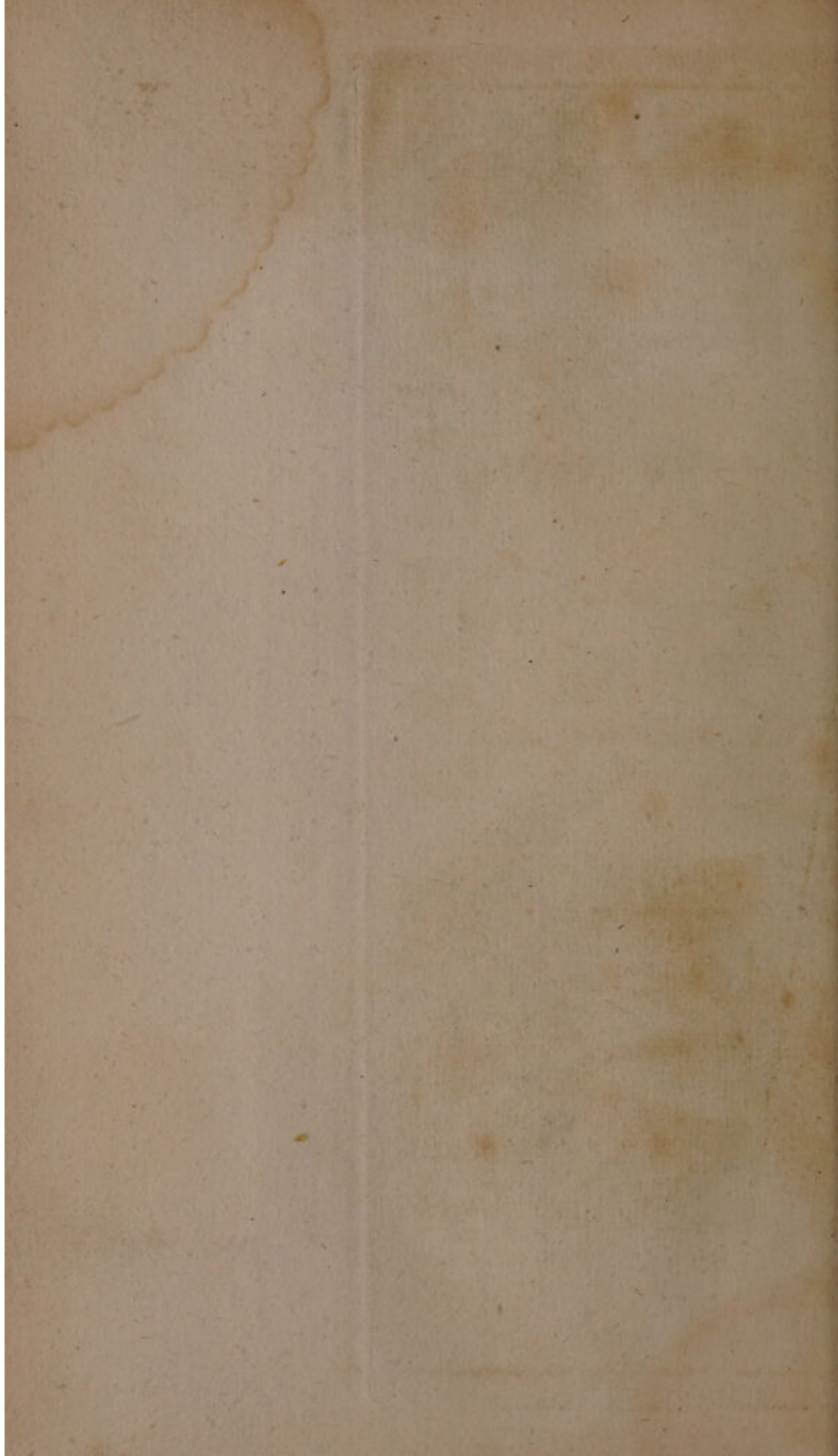




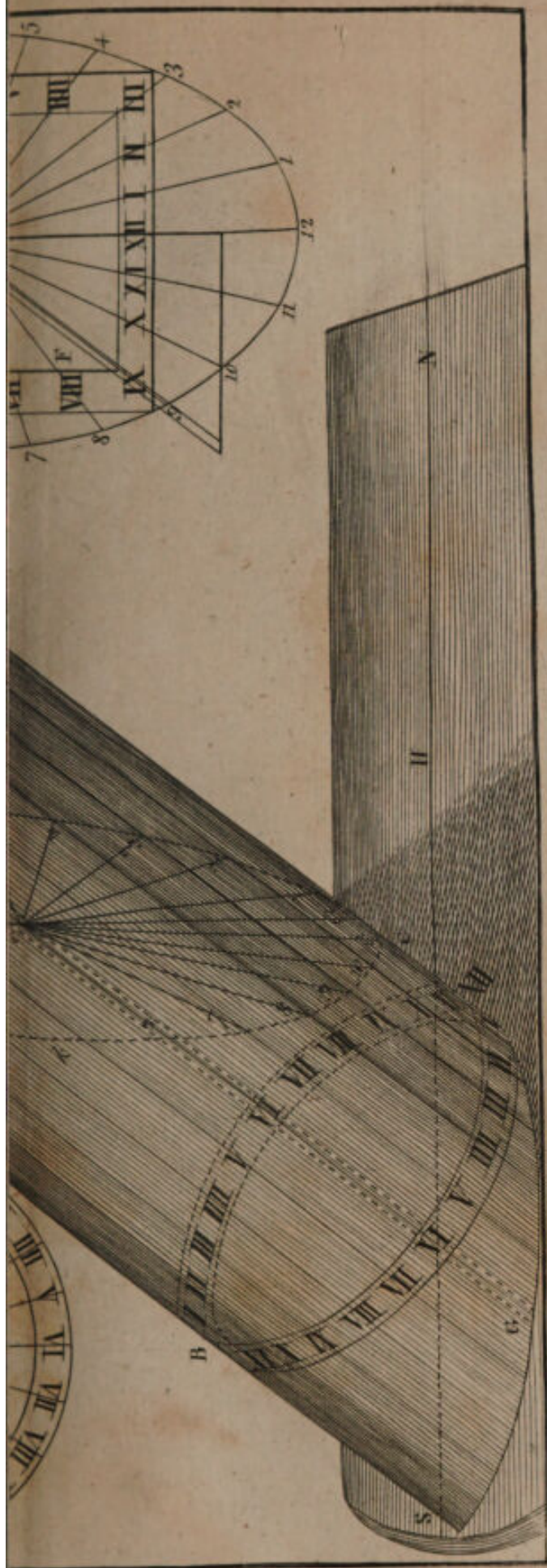
PLATE VIII.

Sup.



Fig. 4.



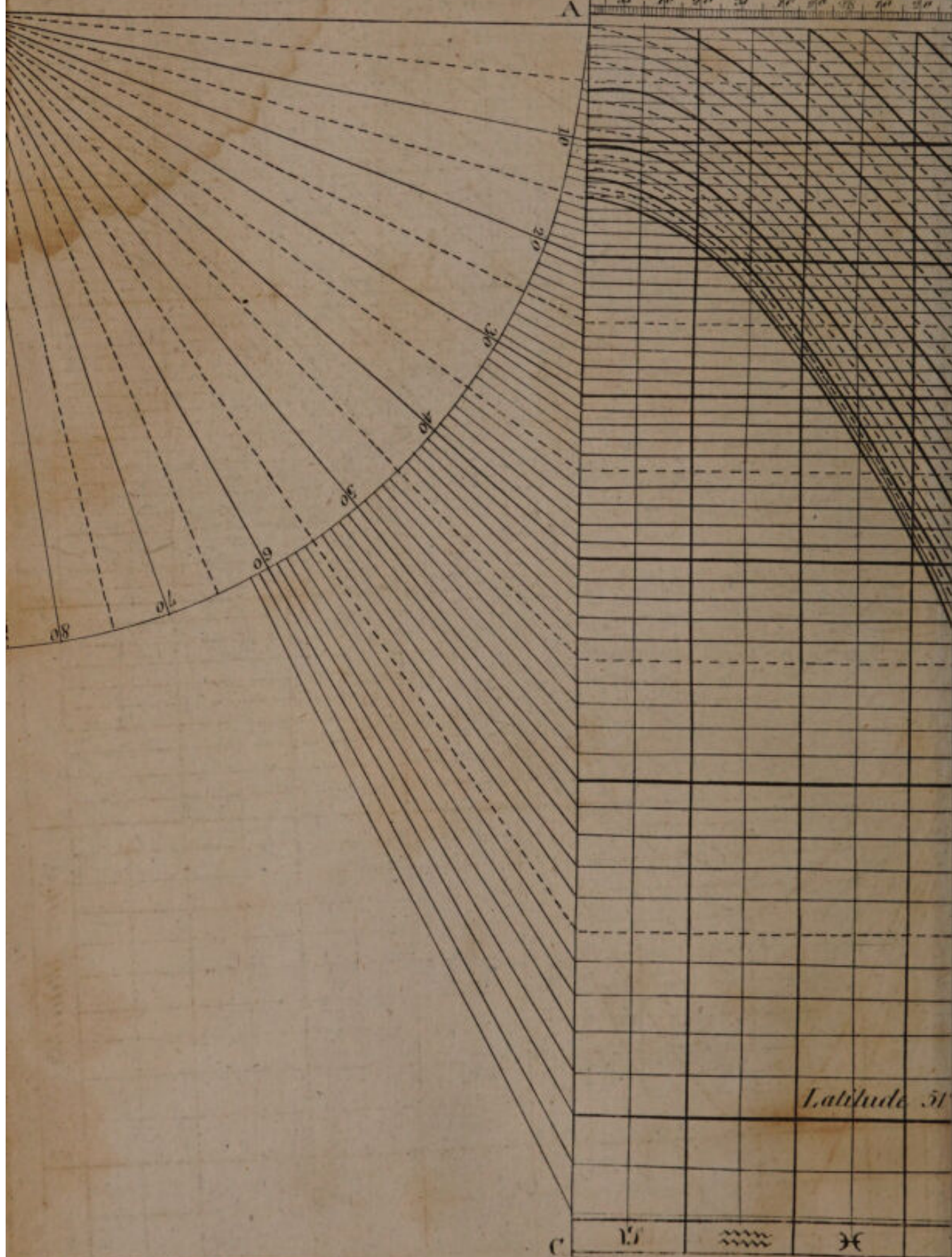


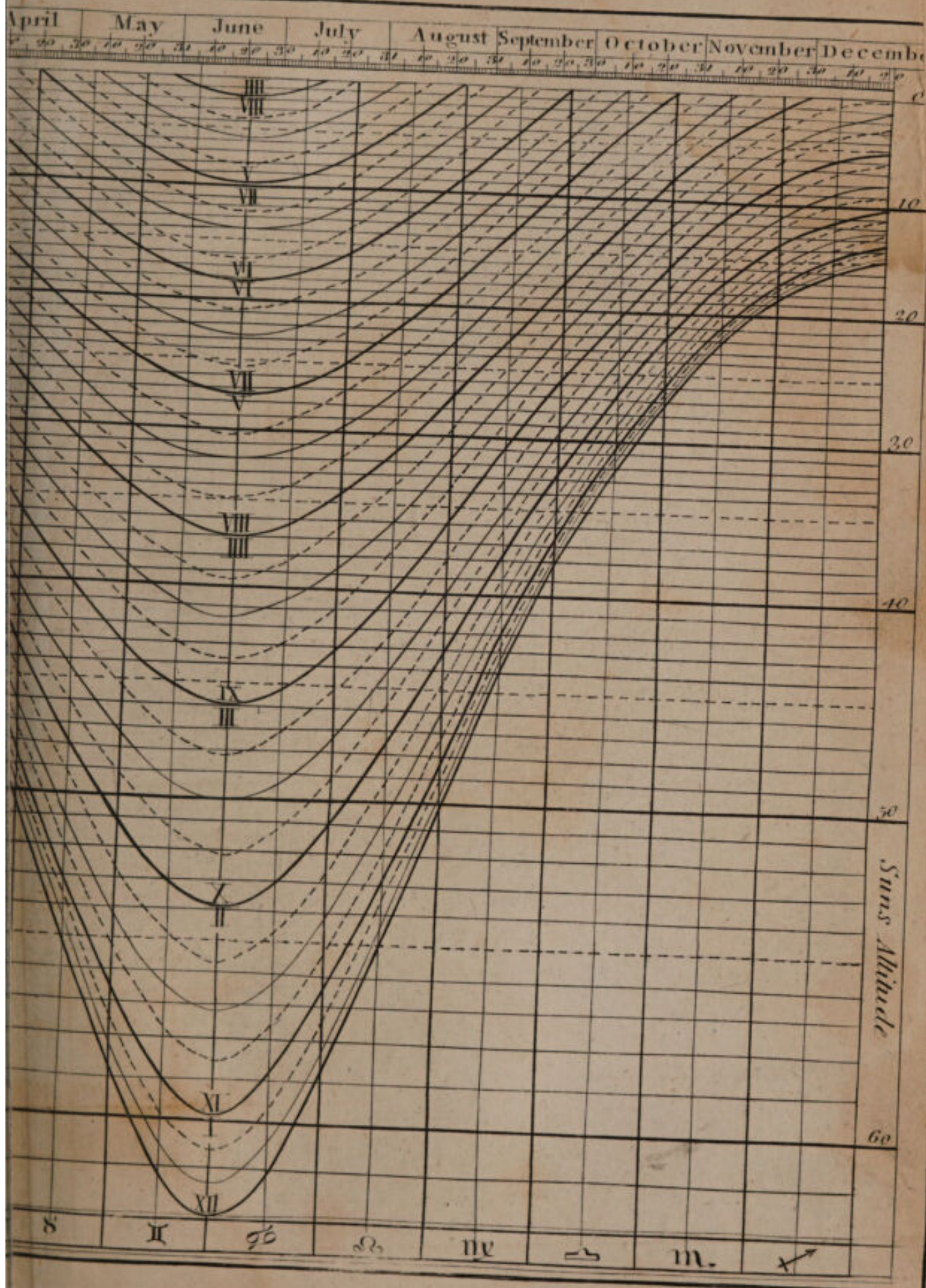


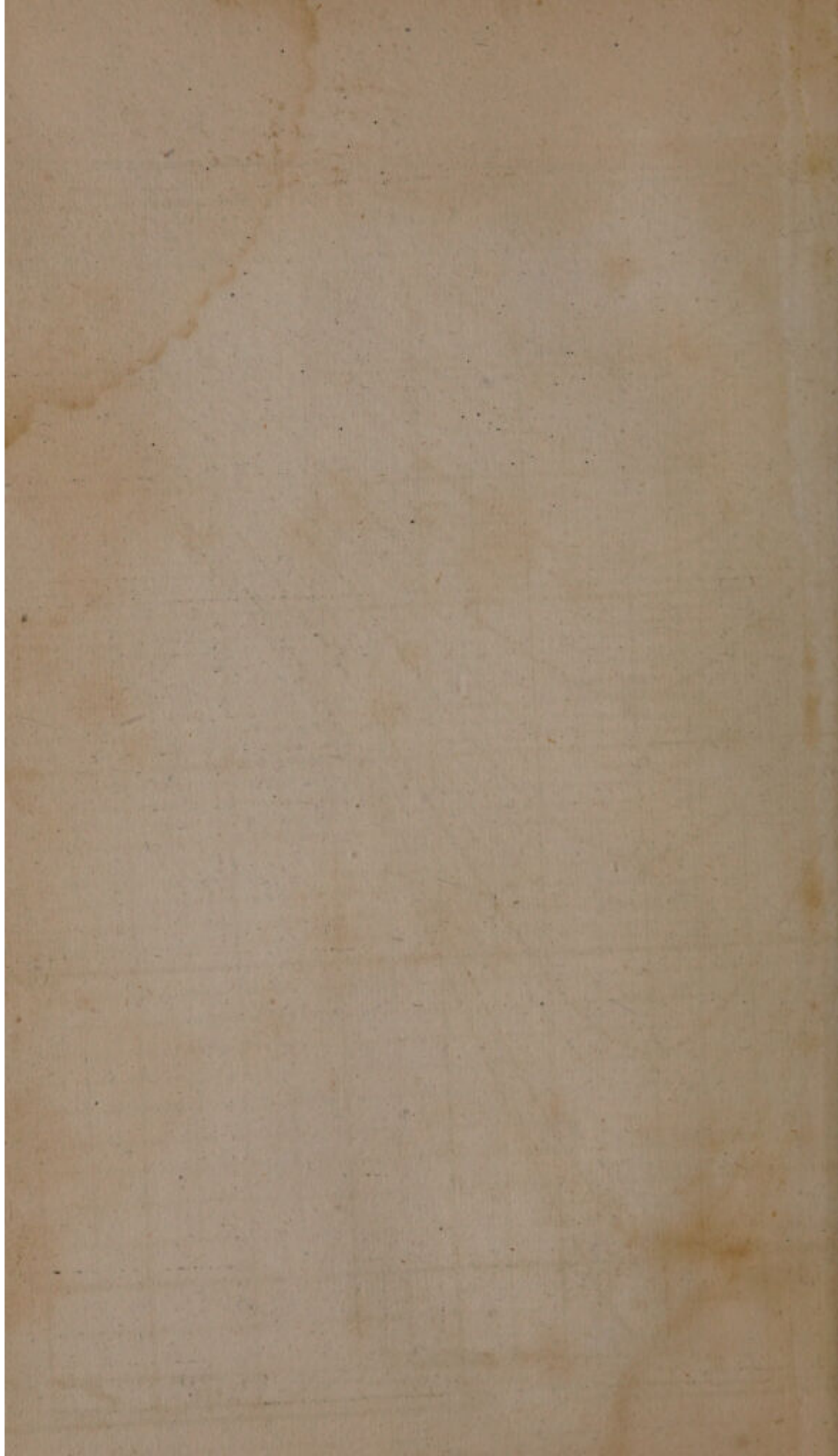


January February March

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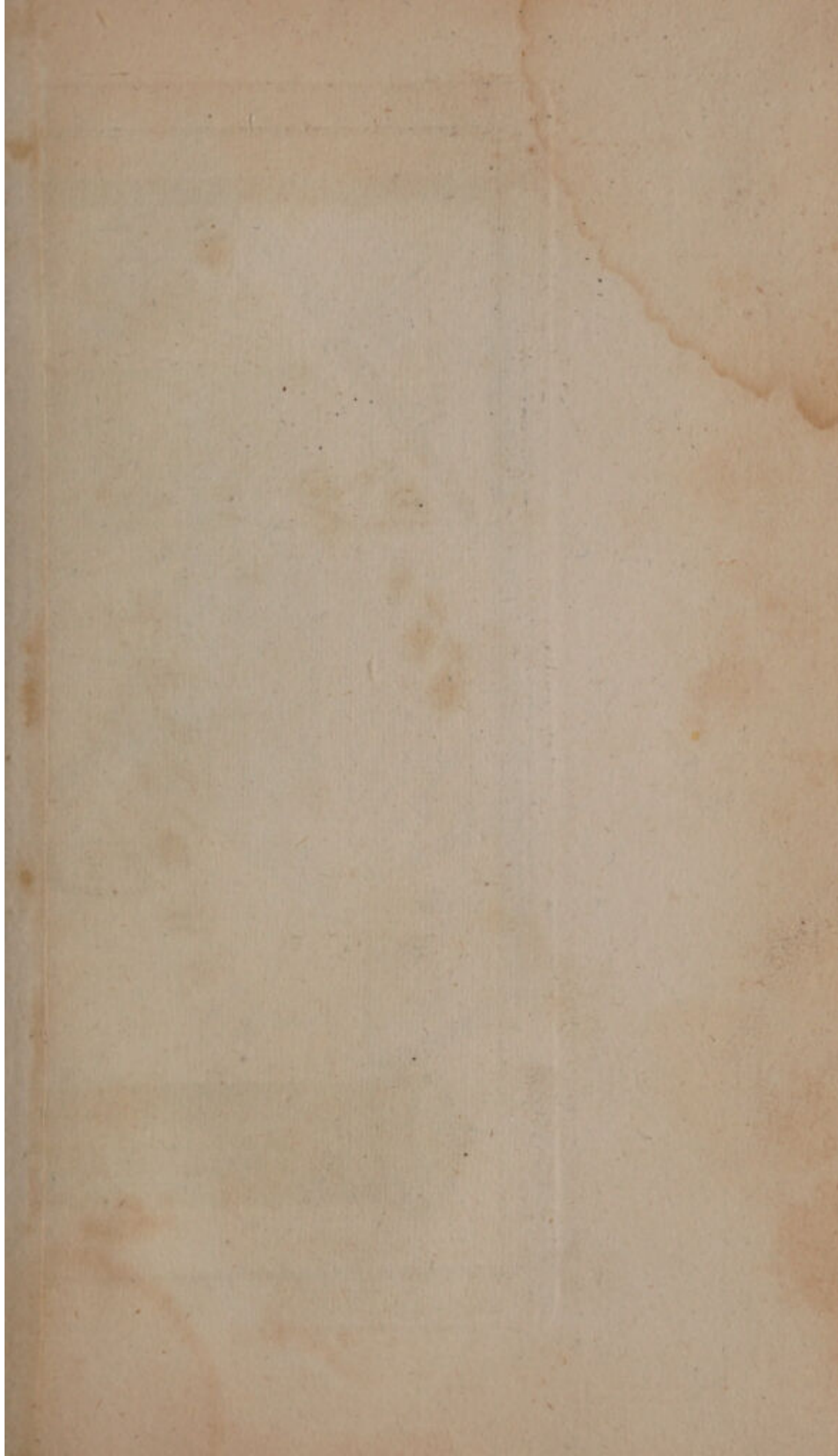
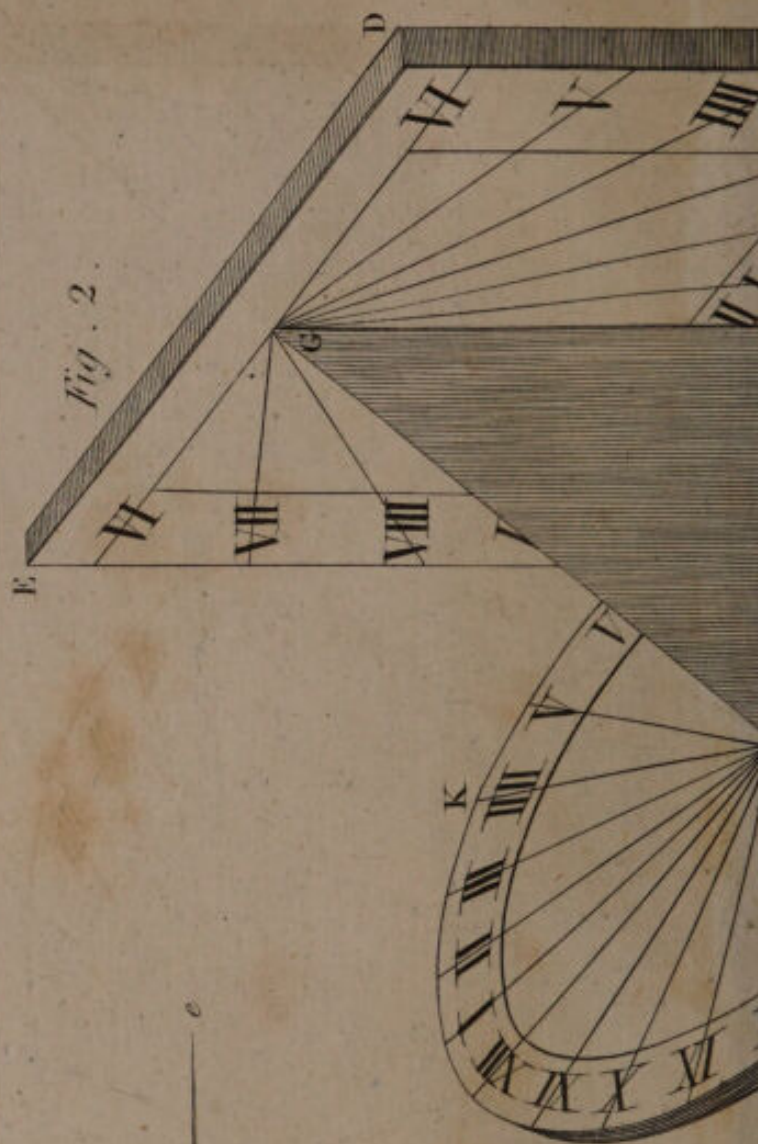
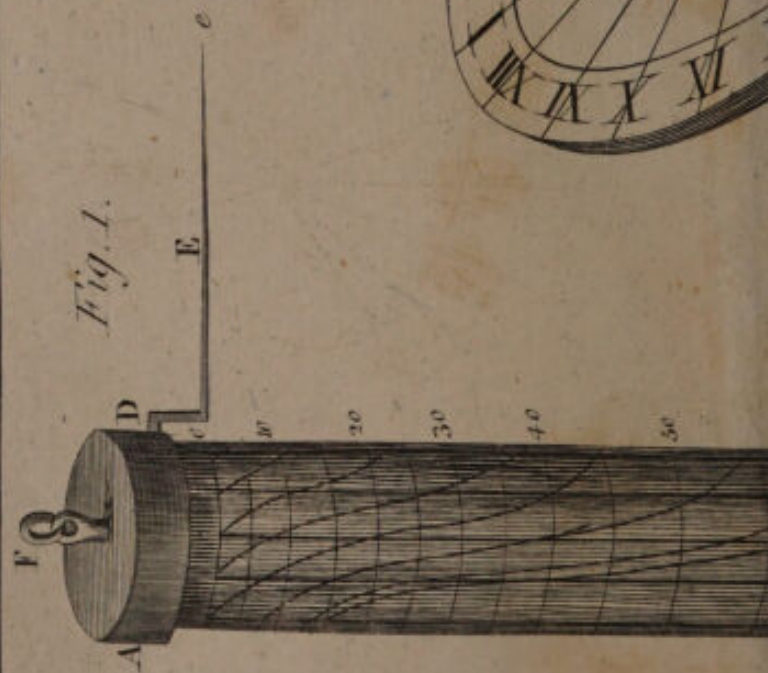


PLATE X.

Sup.



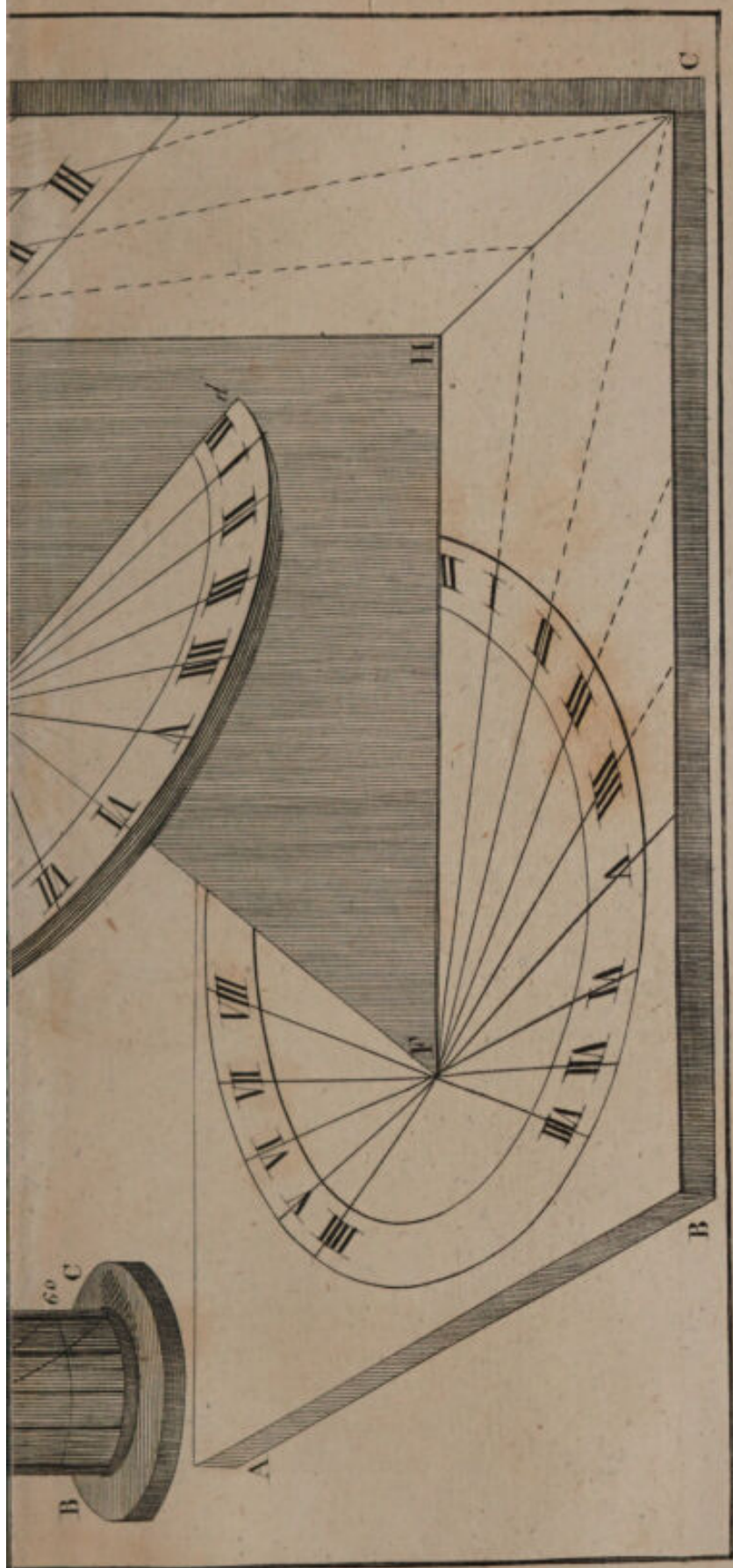






PLATE XL

Sup

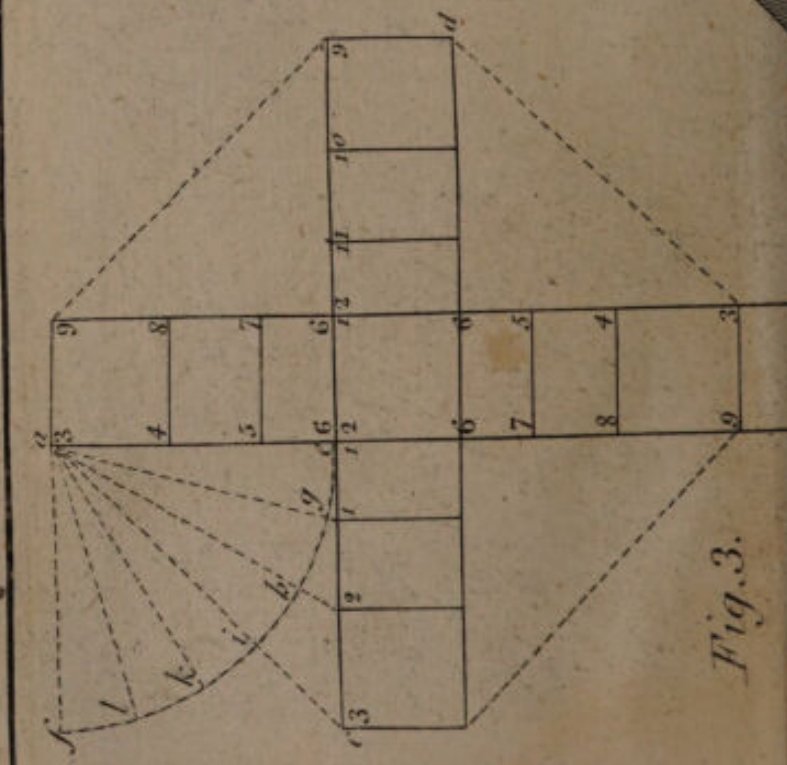
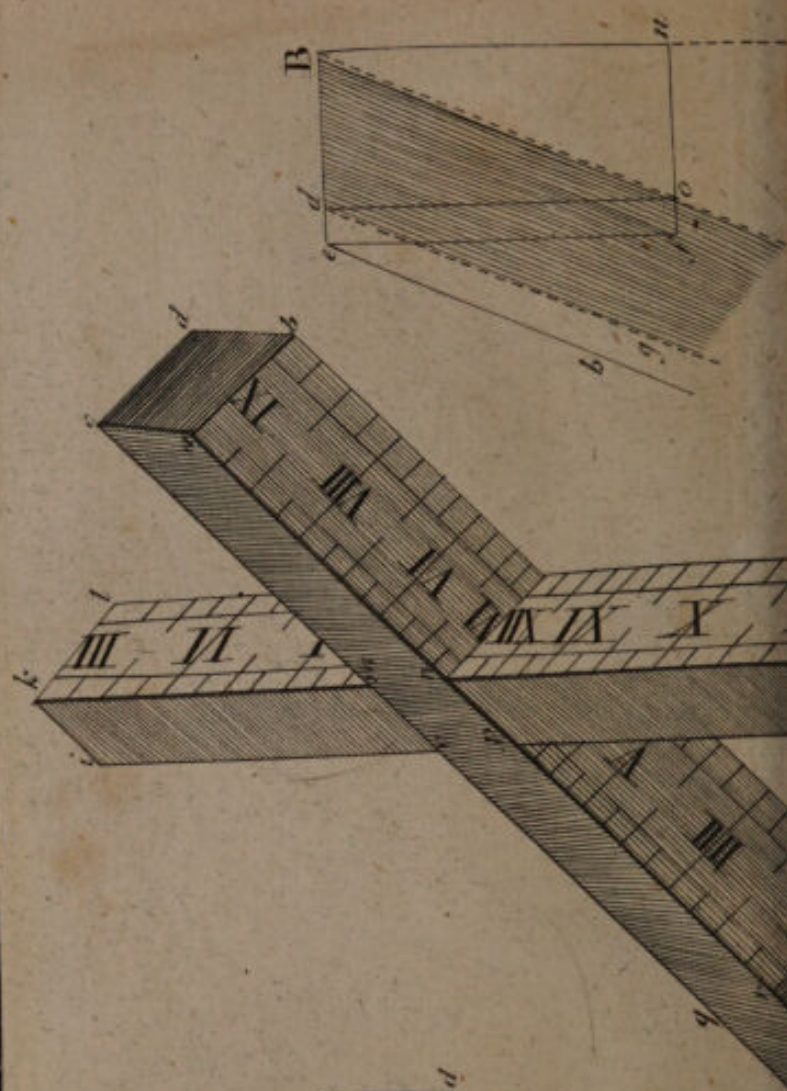
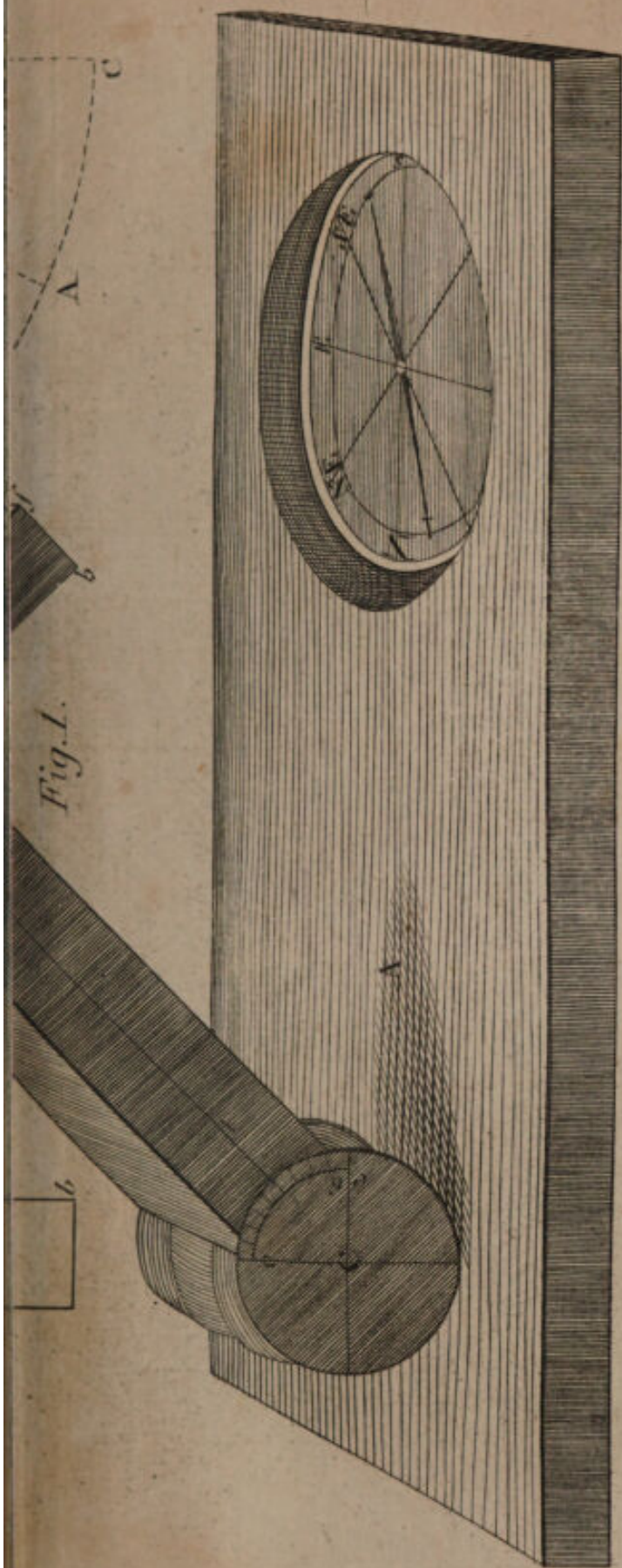
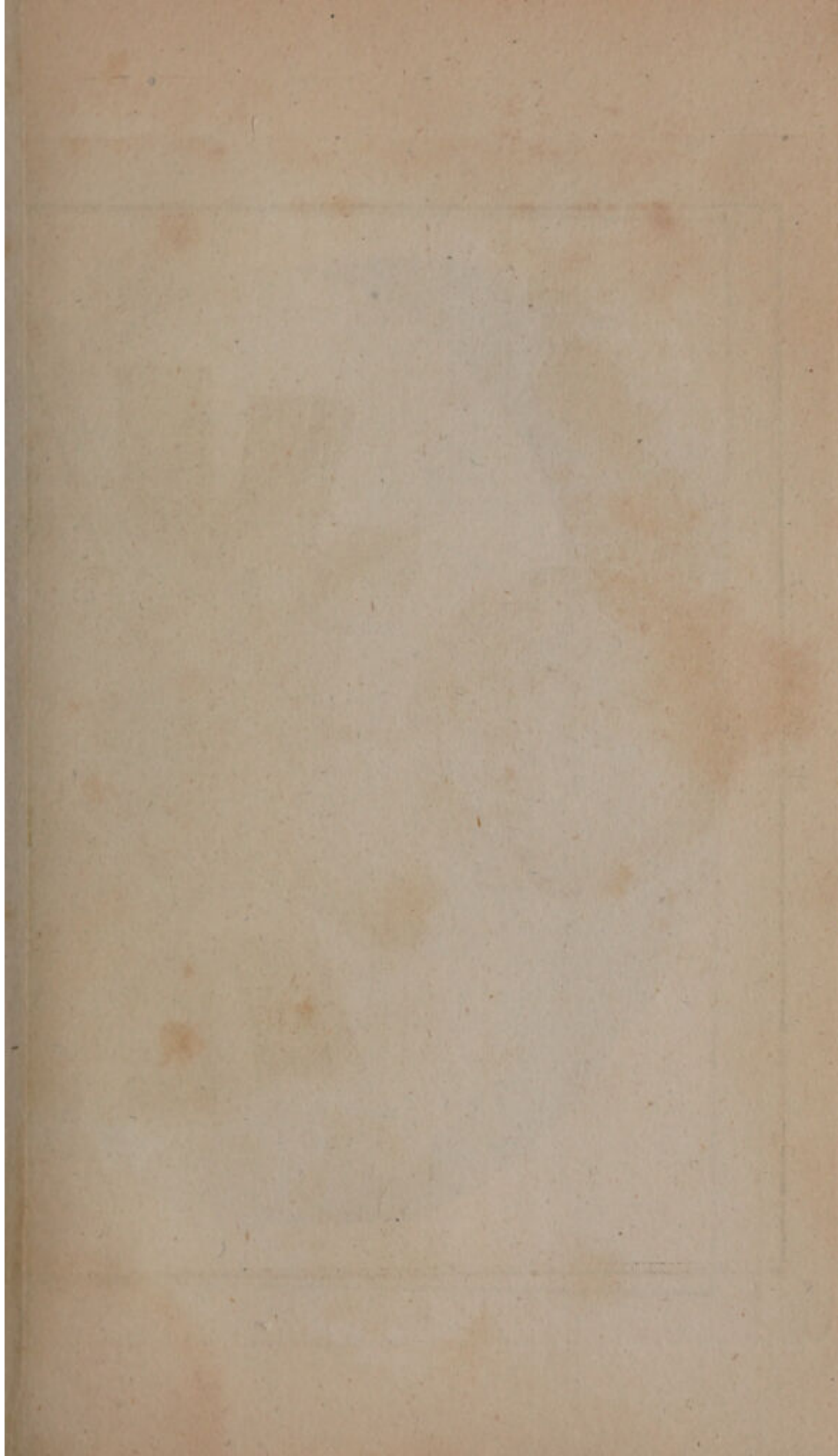


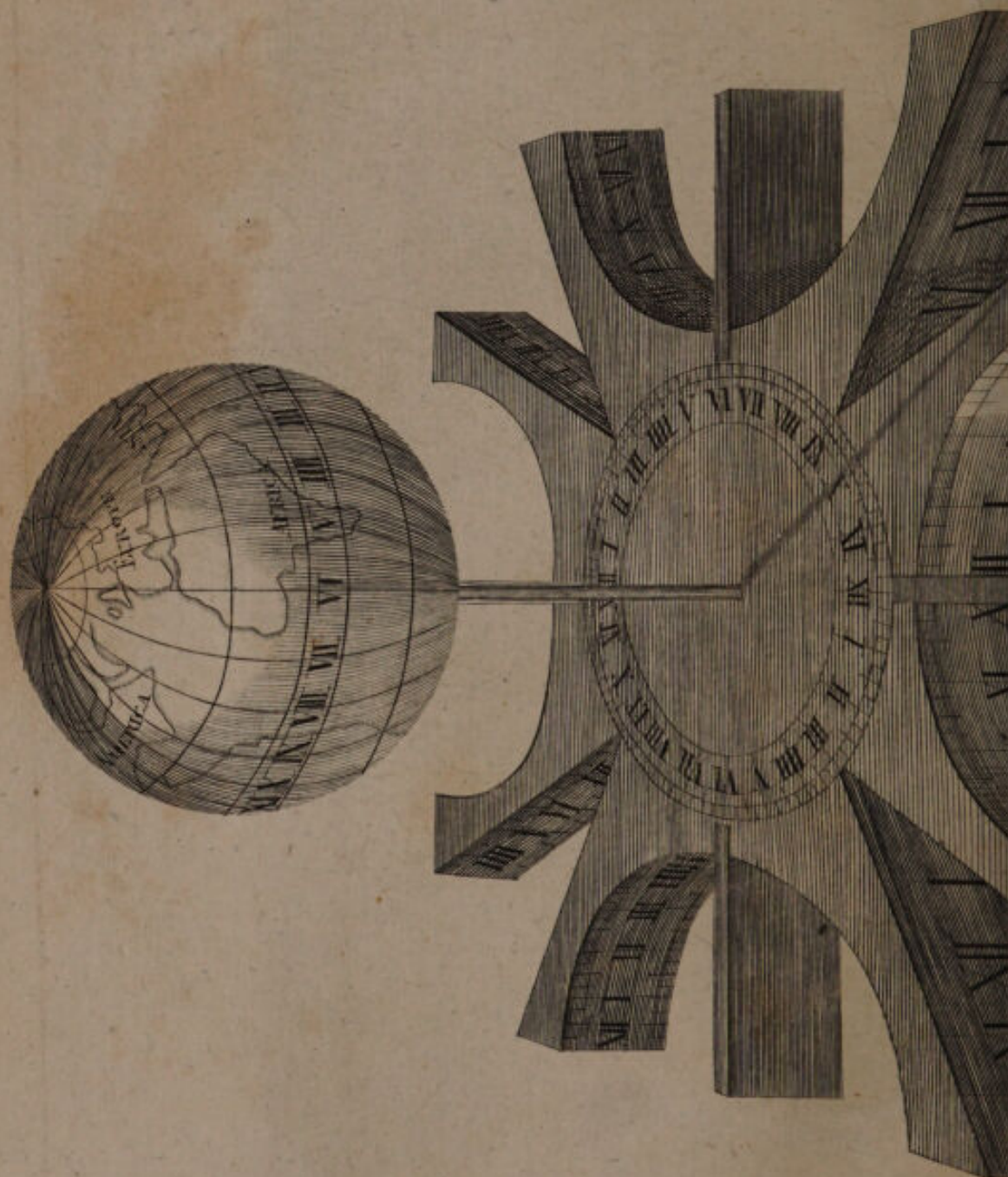
Fig. 3.

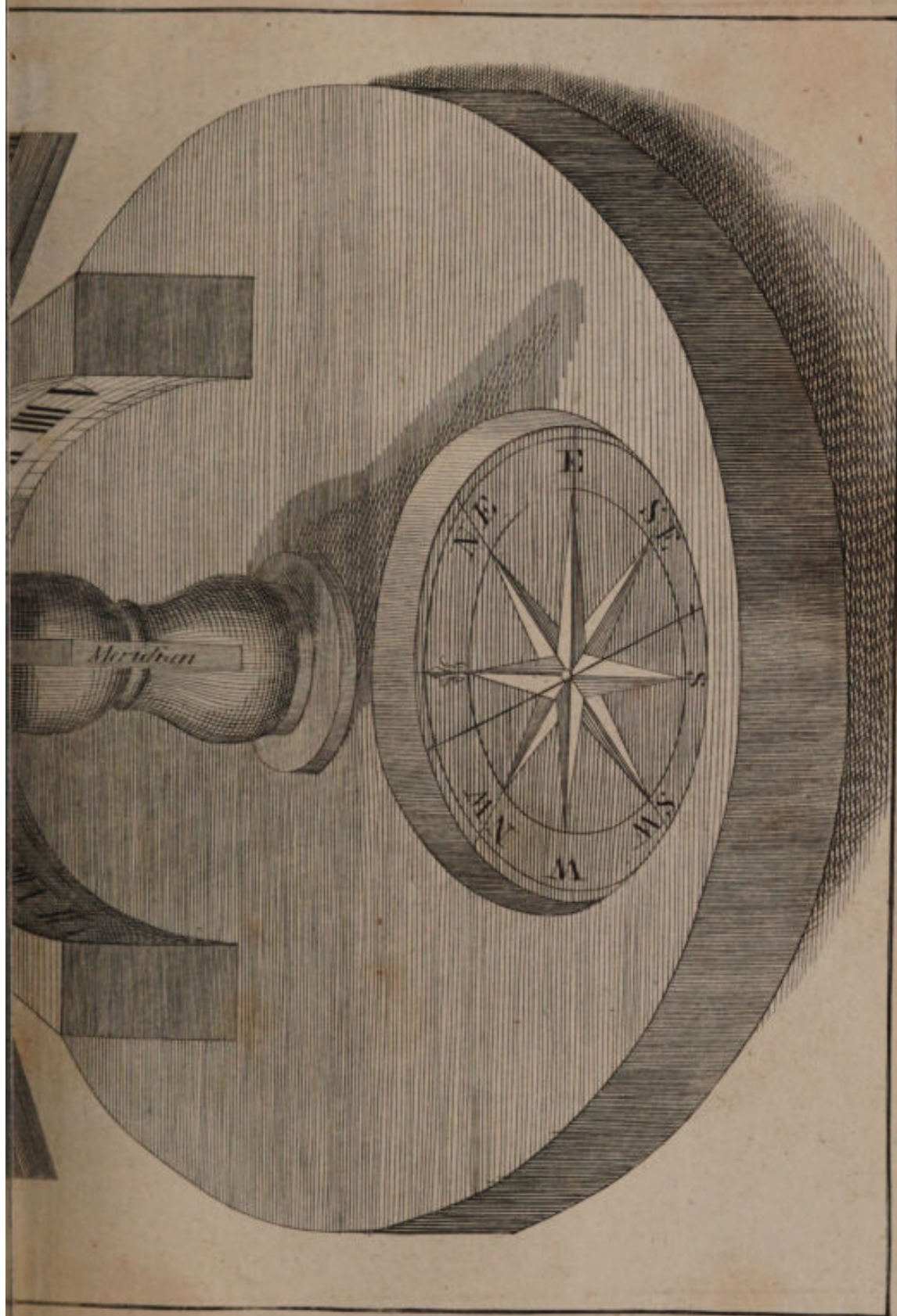












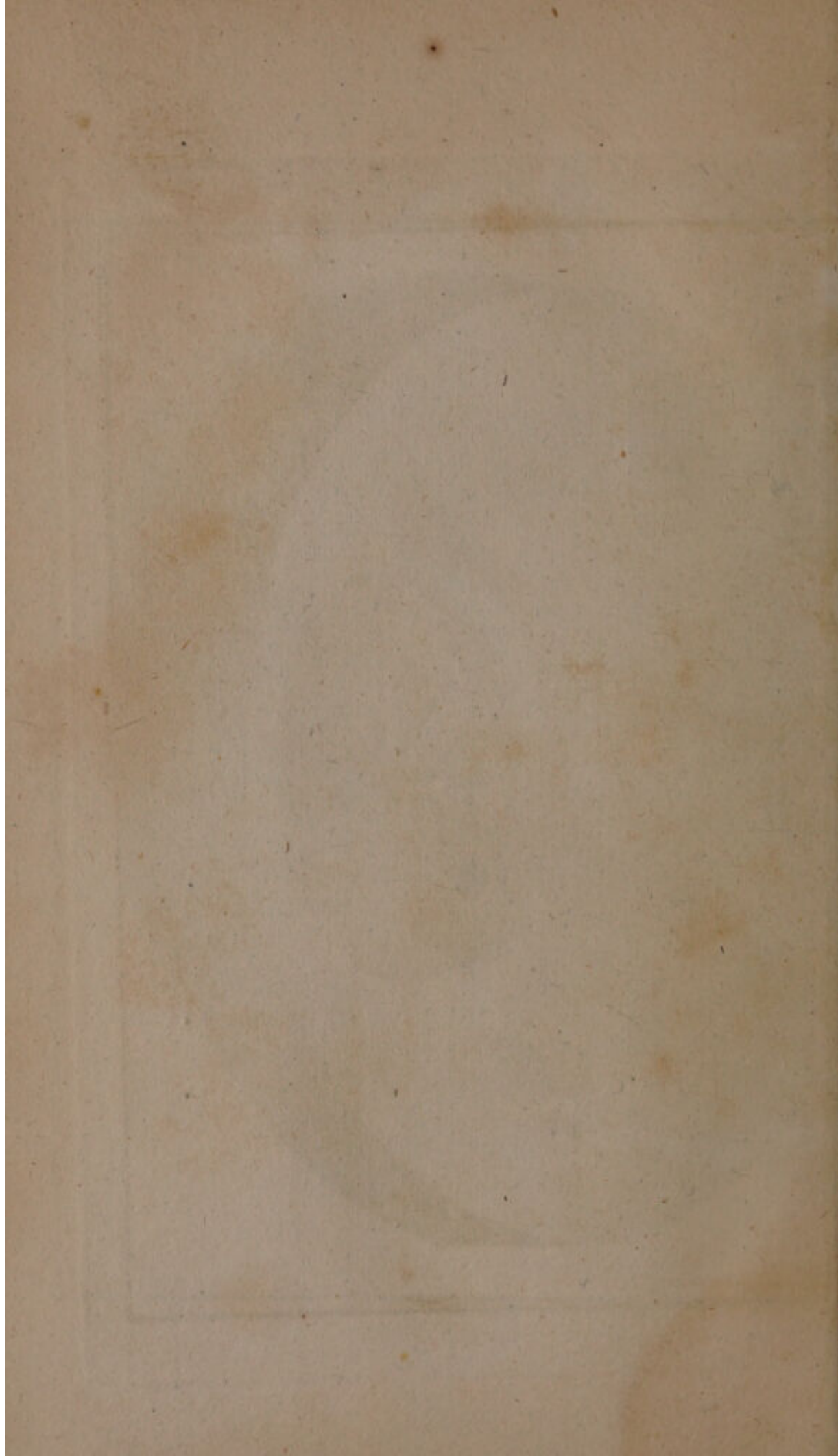
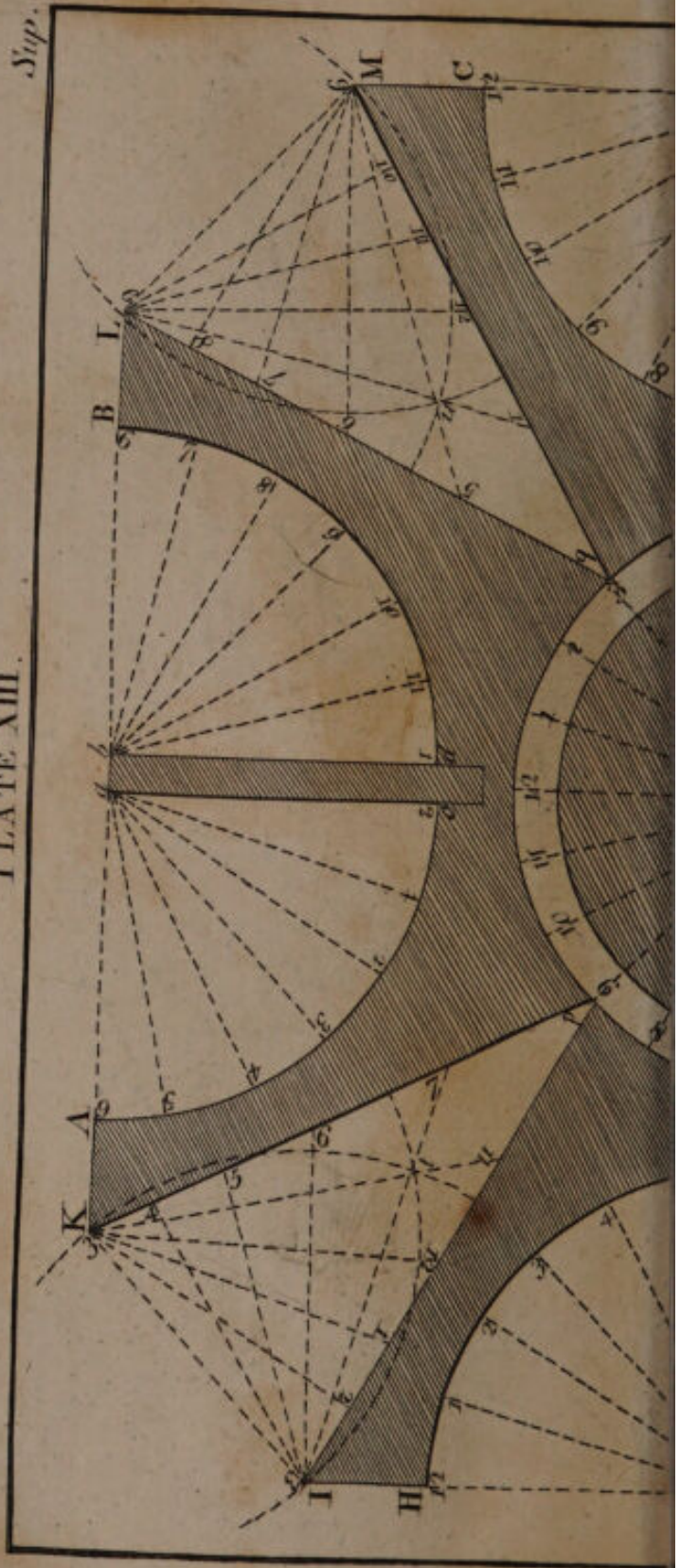




PLATE XIII.

Sup.



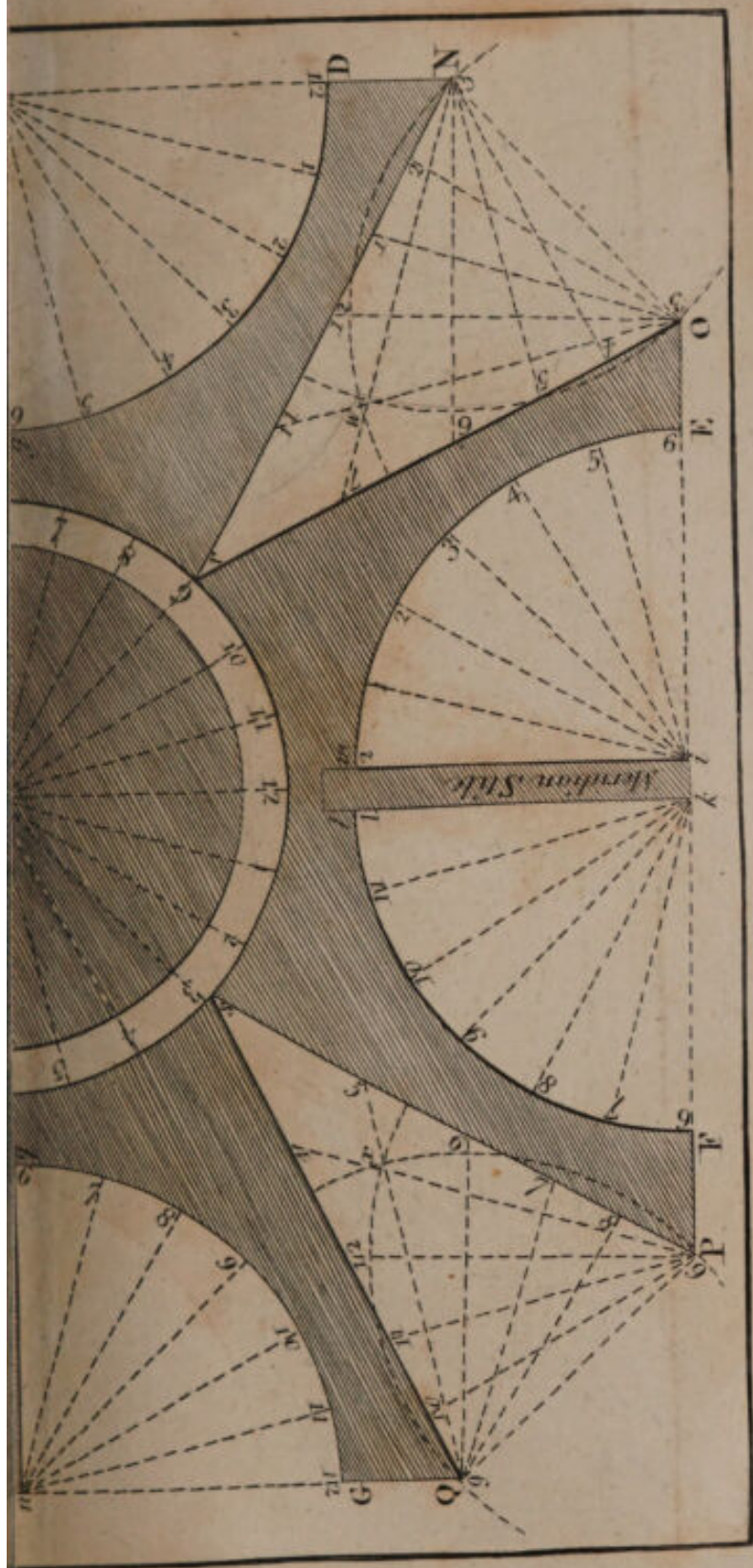






Fig. 2.

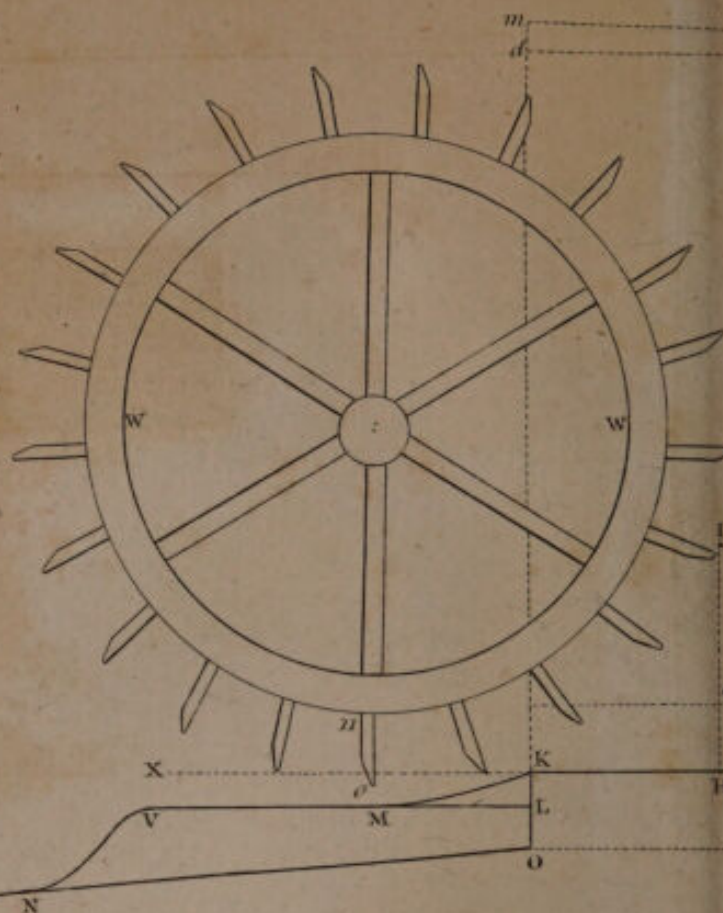
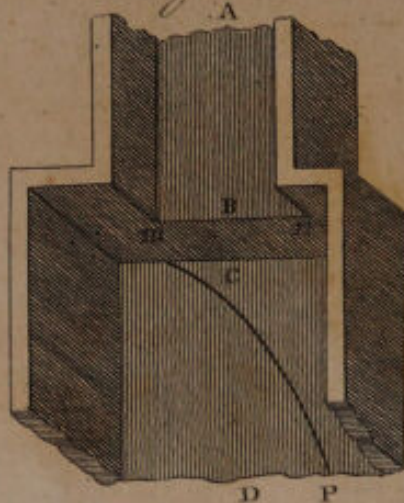
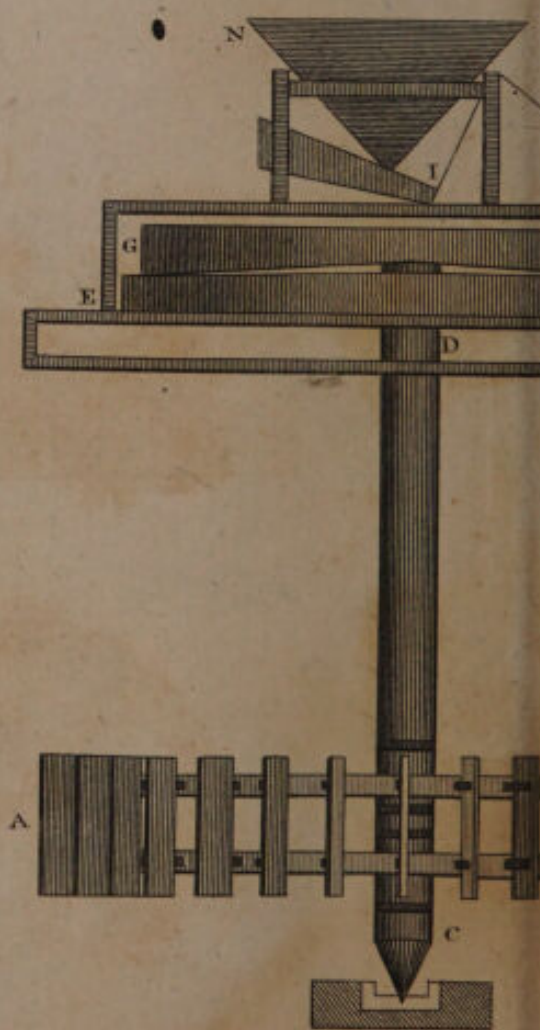
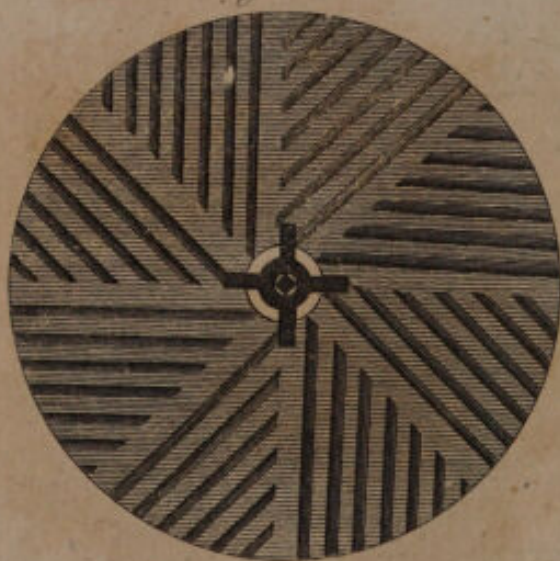
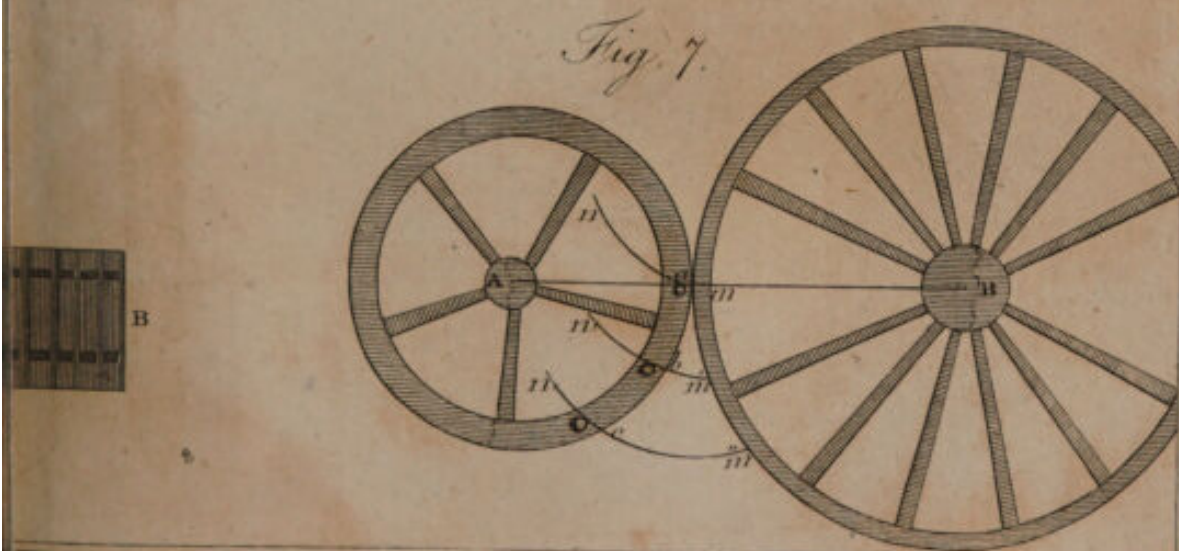
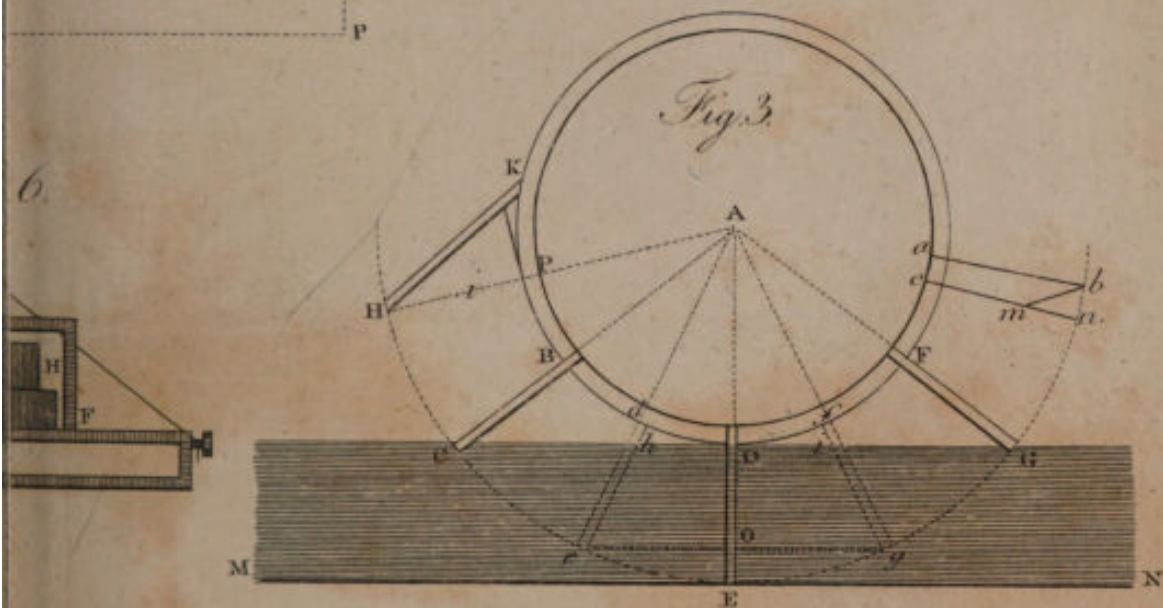
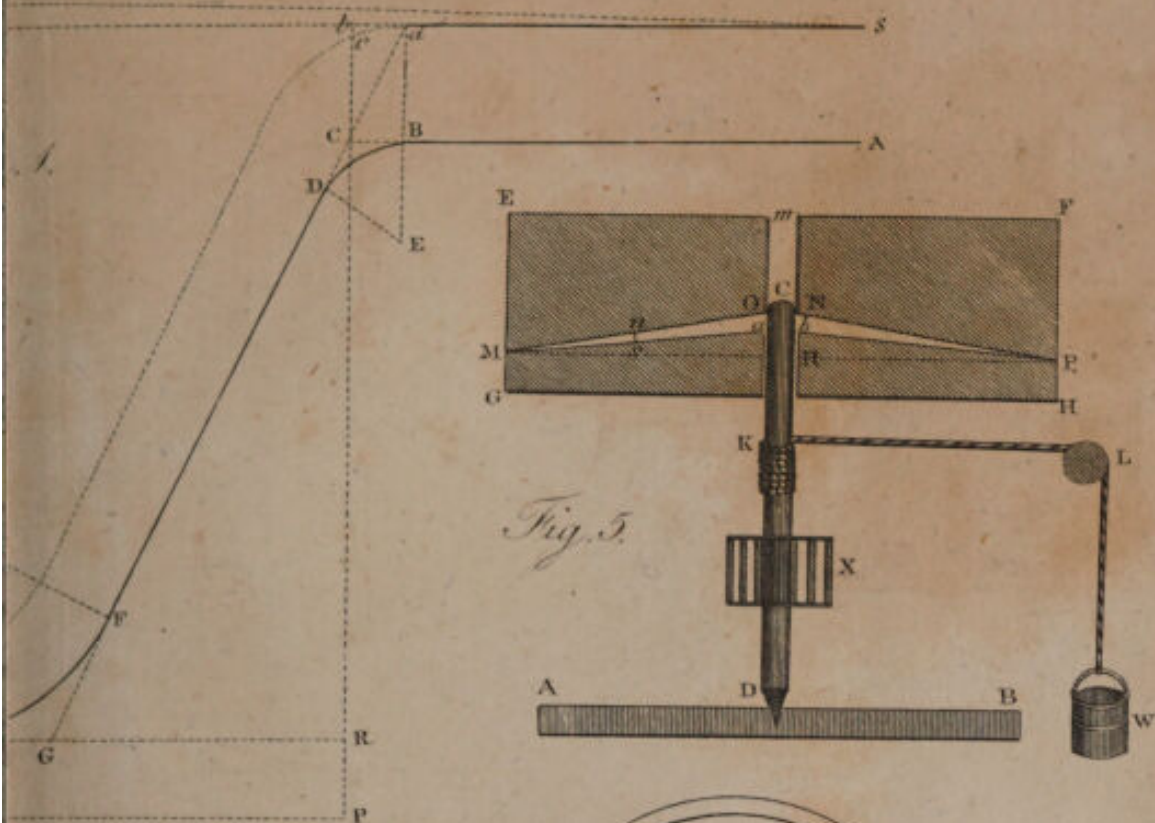


Fig. 4.





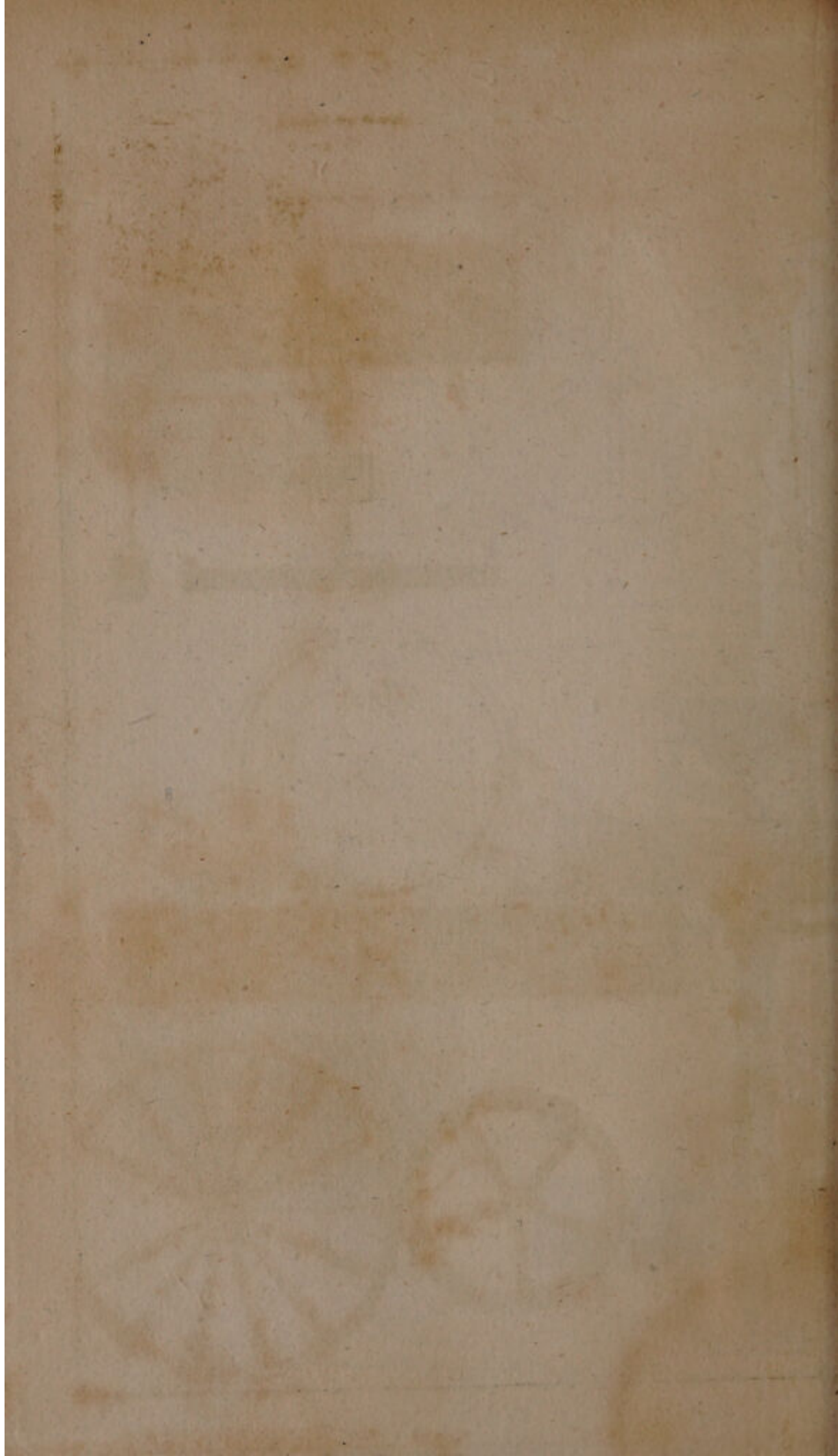




Fig. 2.



Fig. 1.

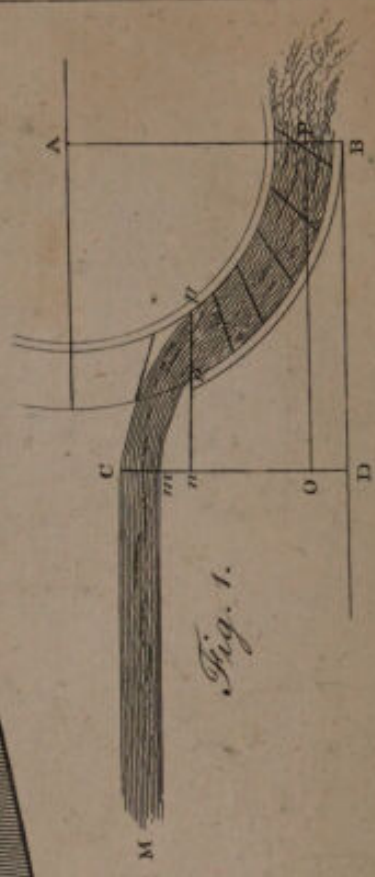


Fig. 3.



Fig. 5.



Fig. 7.

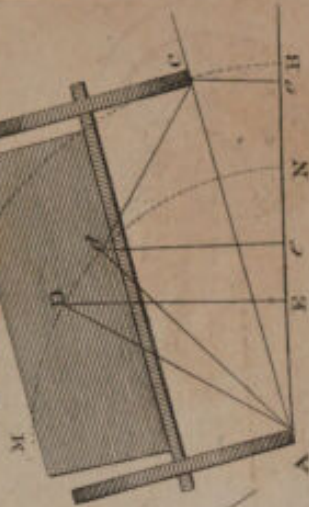


Fig. 4.

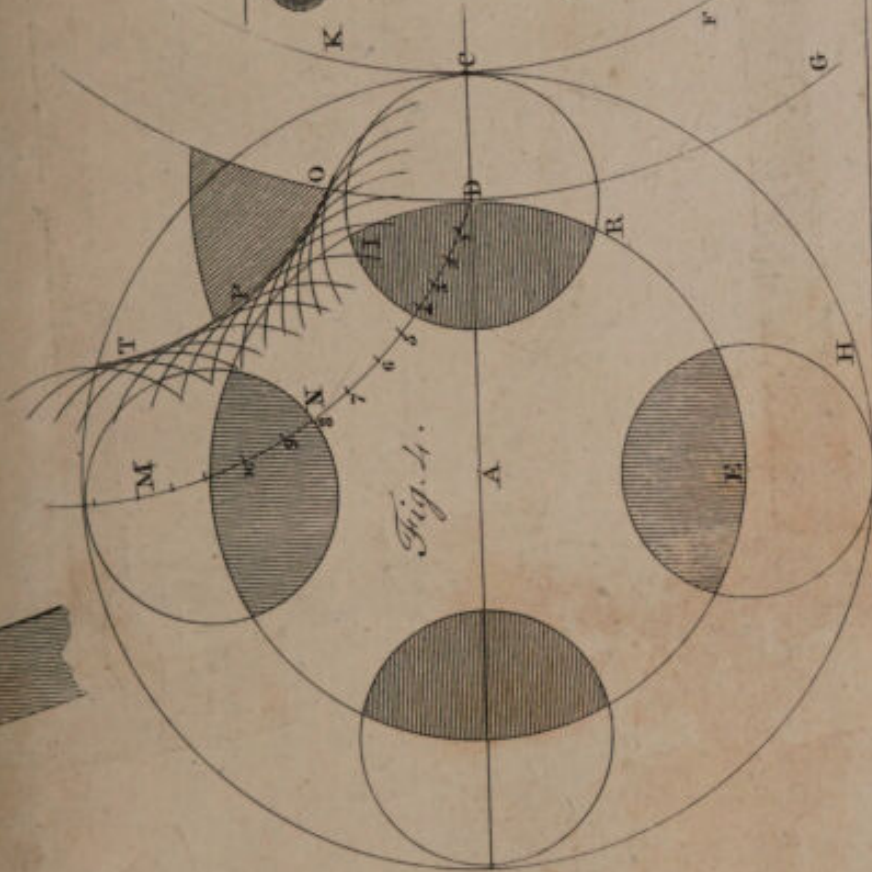
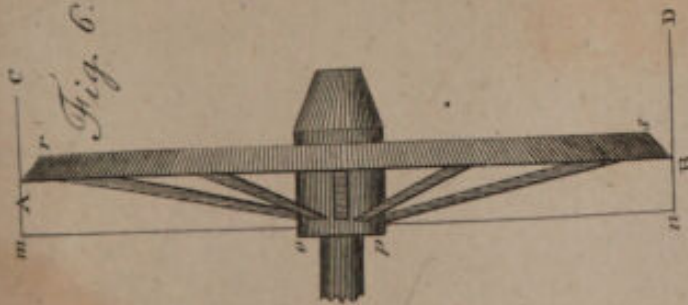
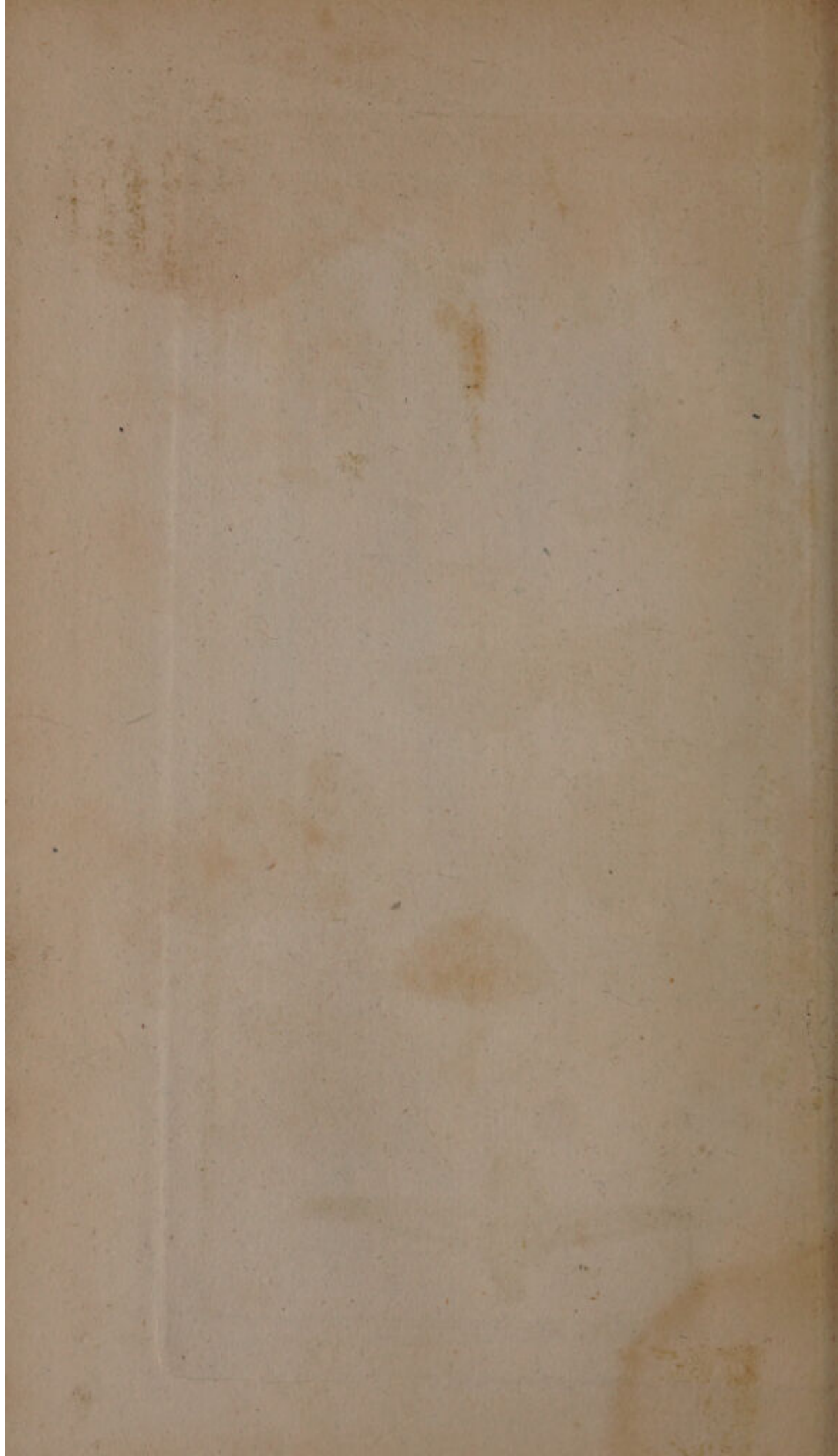


Fig. 6.





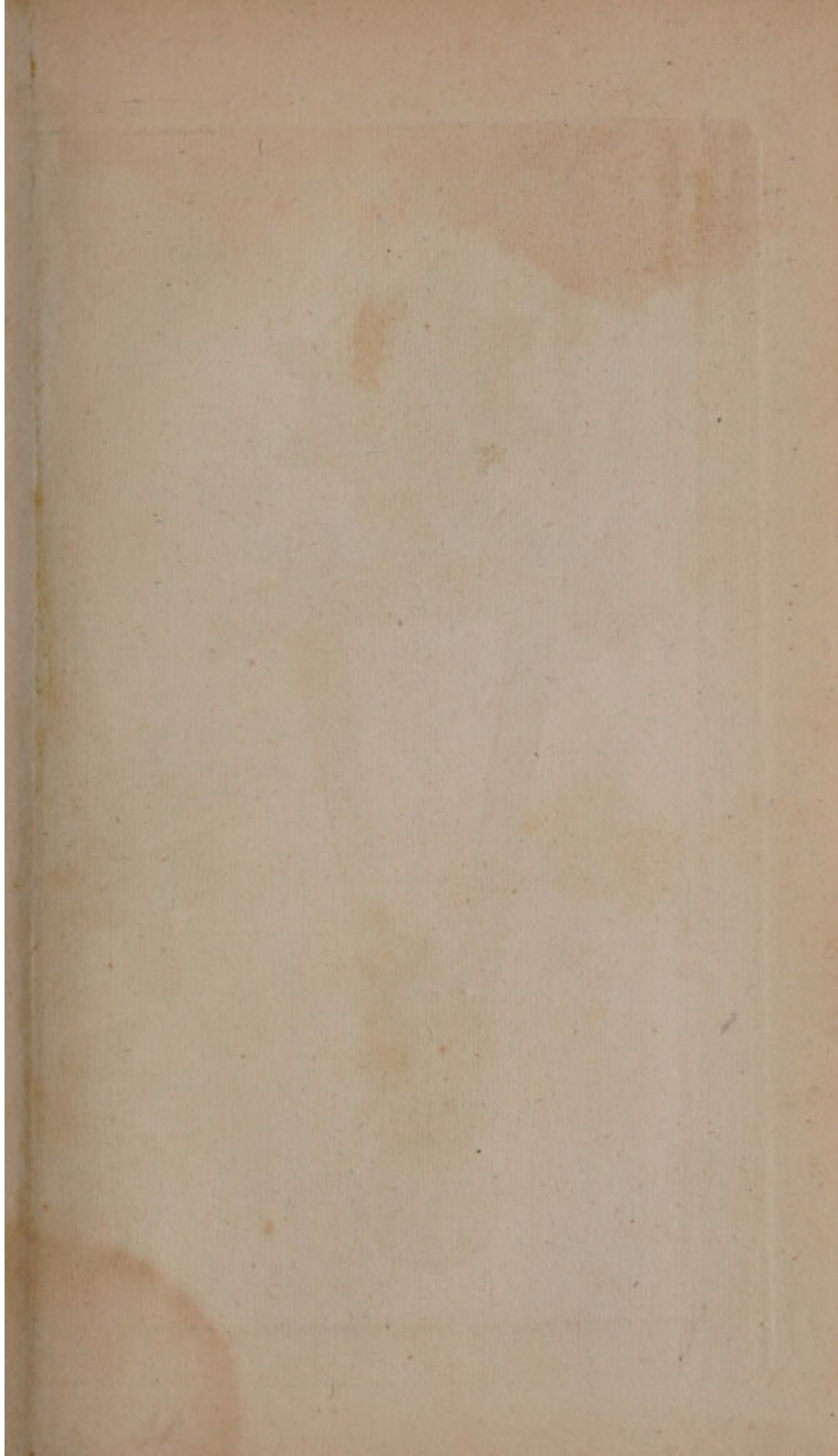


Fig. 1.

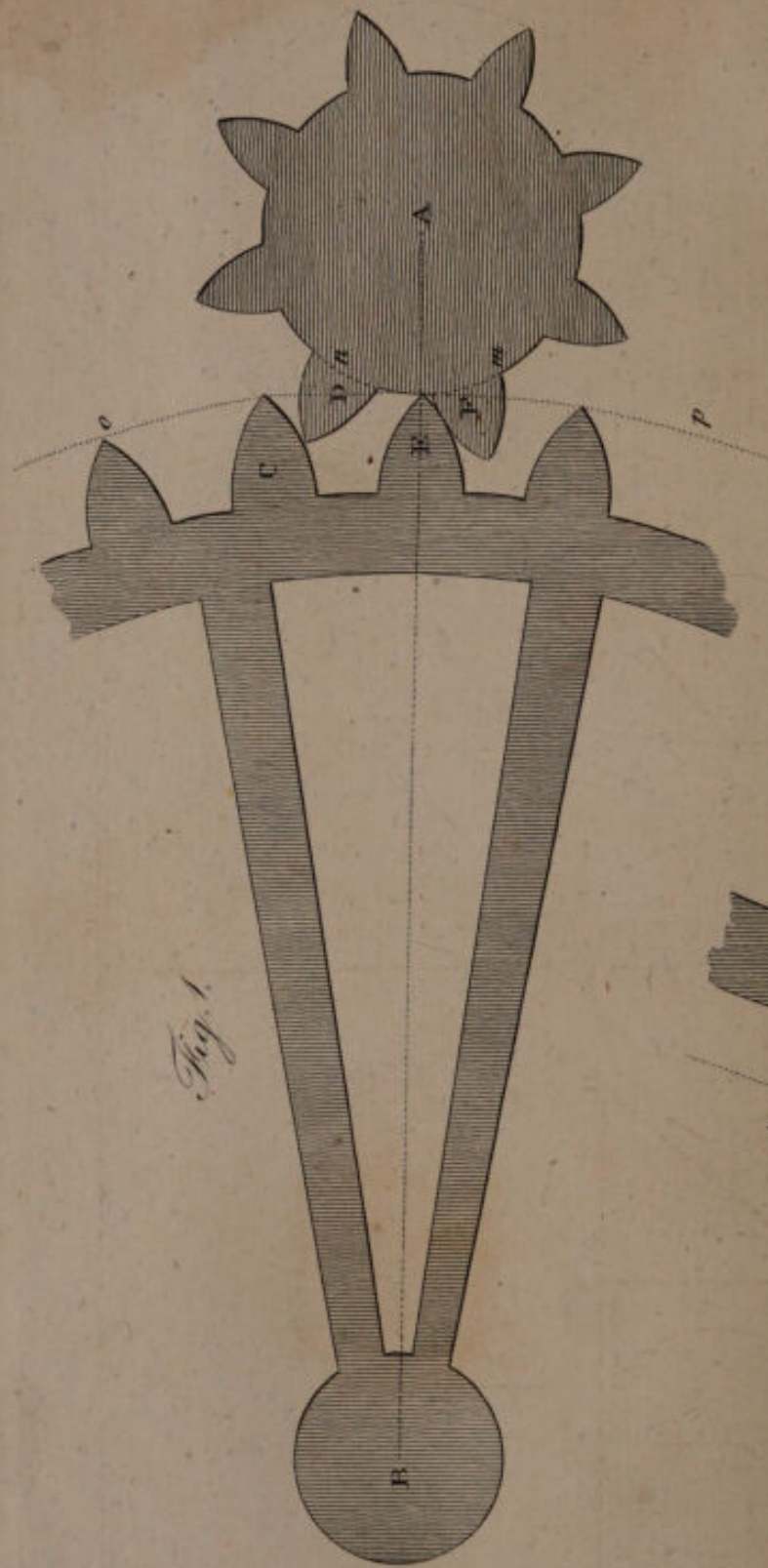
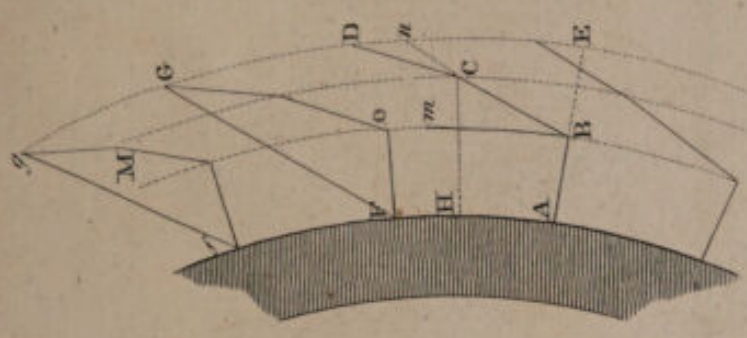
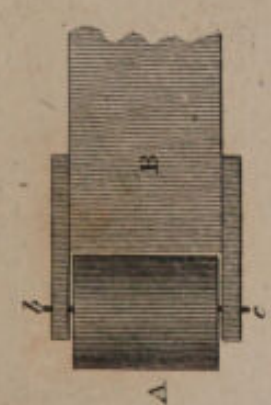
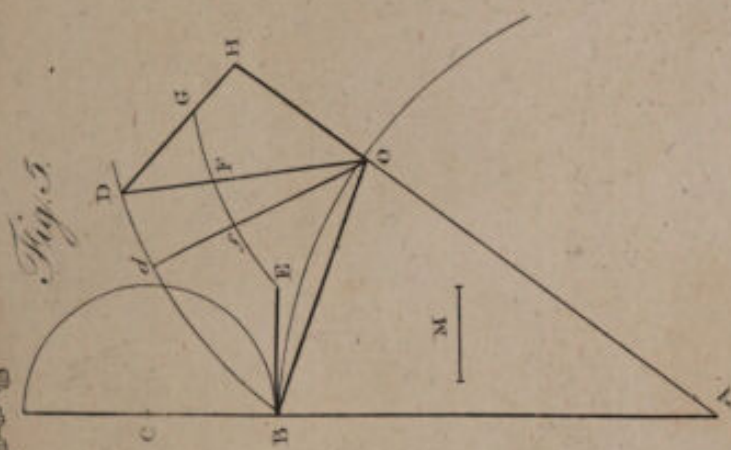
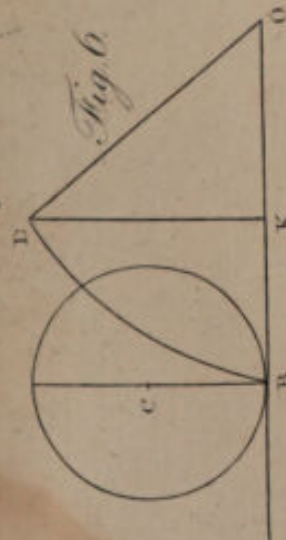


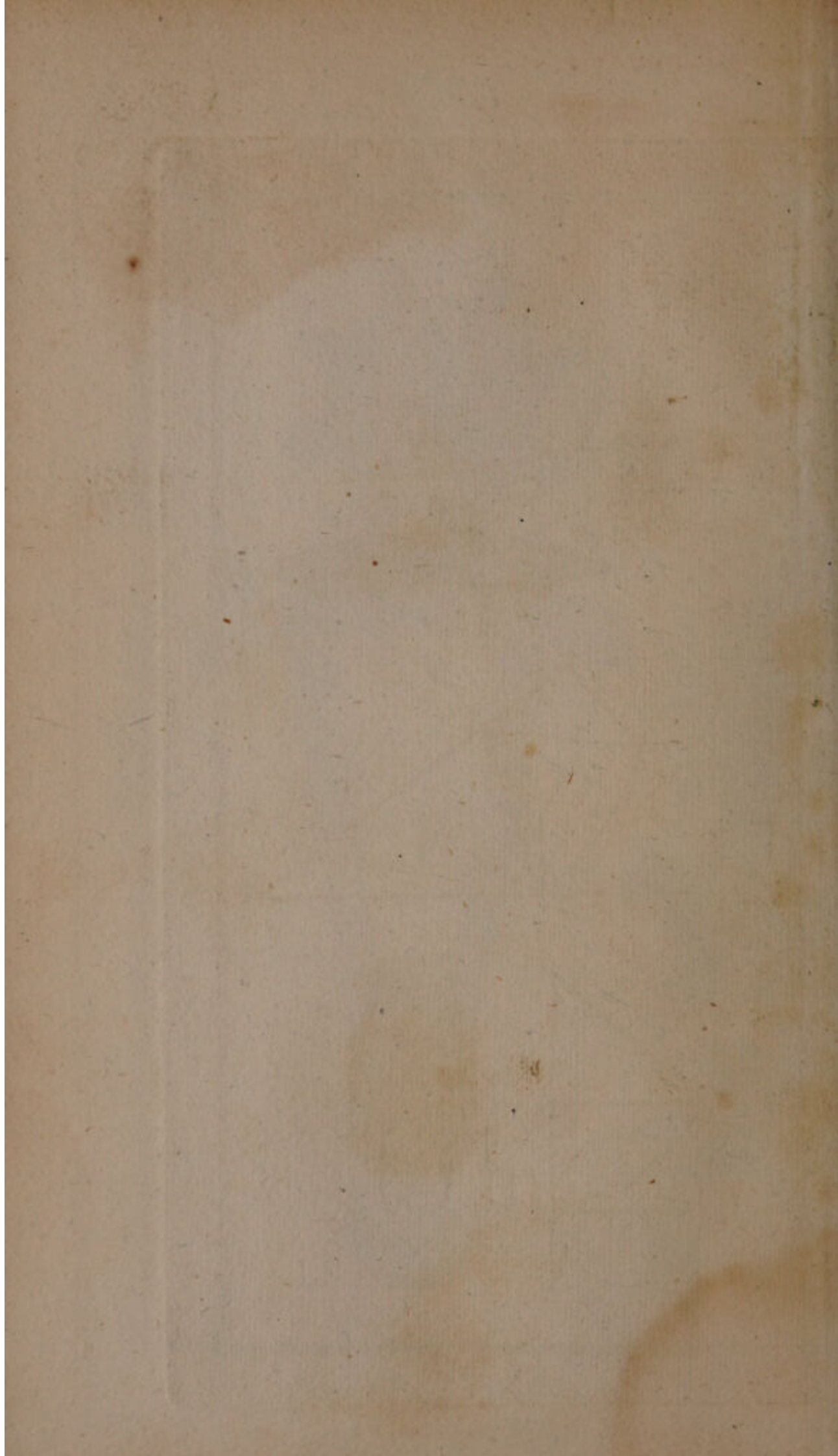
Fig. 2.





Pl. 1. 1. 1.

Pl. 1. 1. 1.



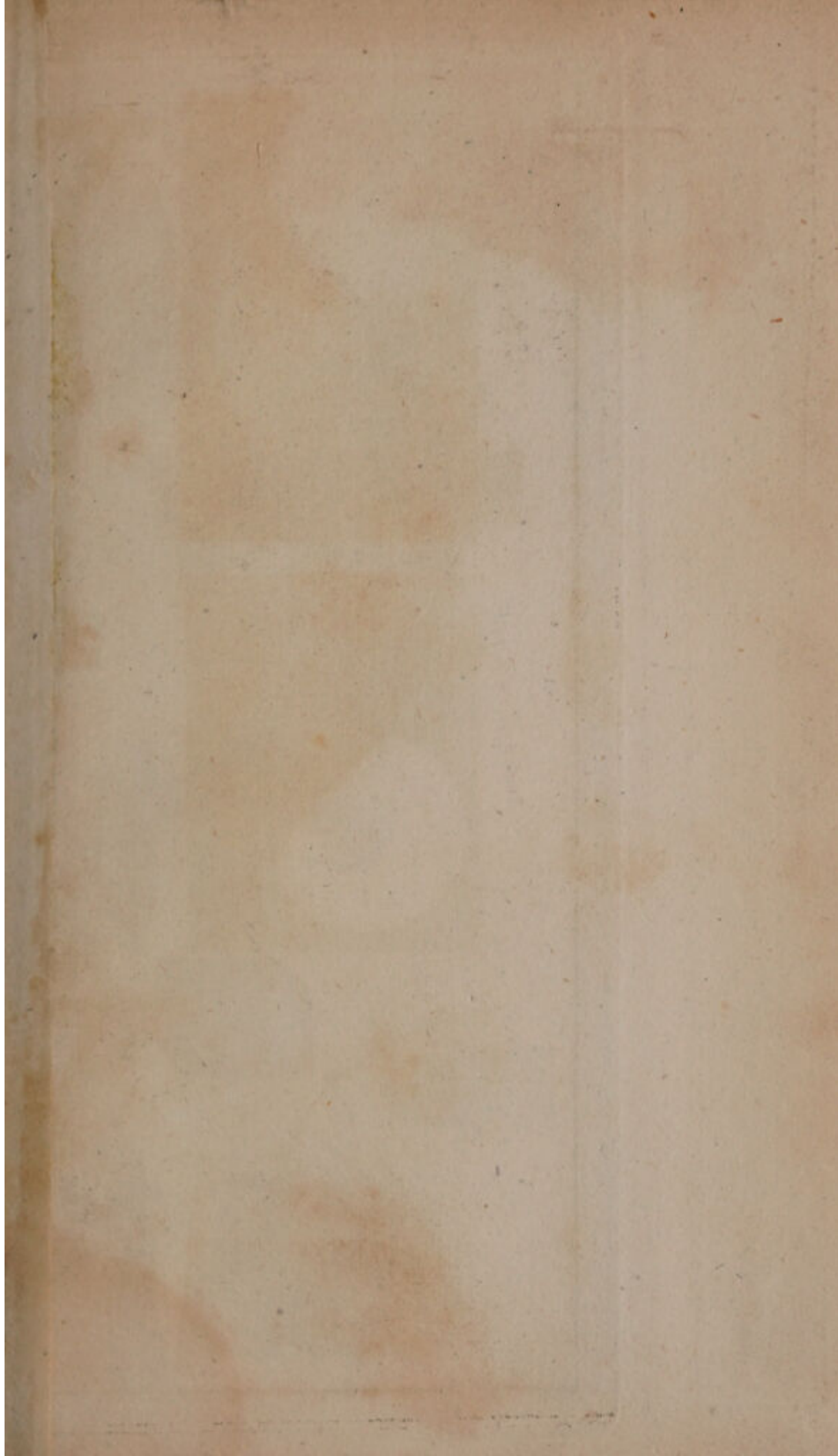


PLATE IV.

Fig. 1.

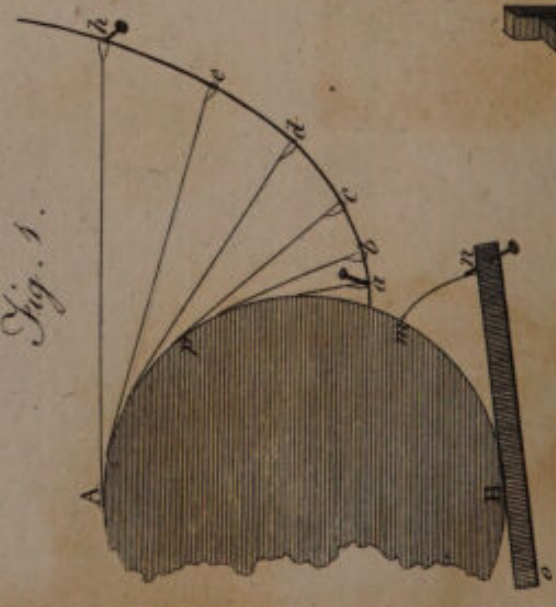


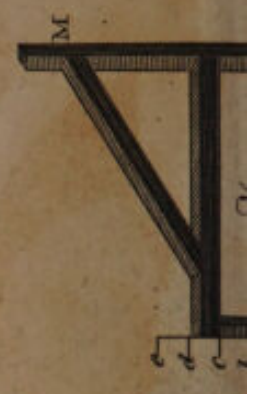
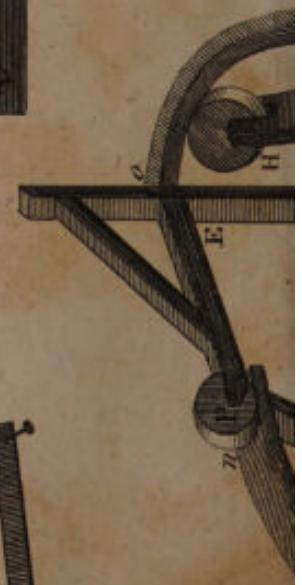
Fig. 2.

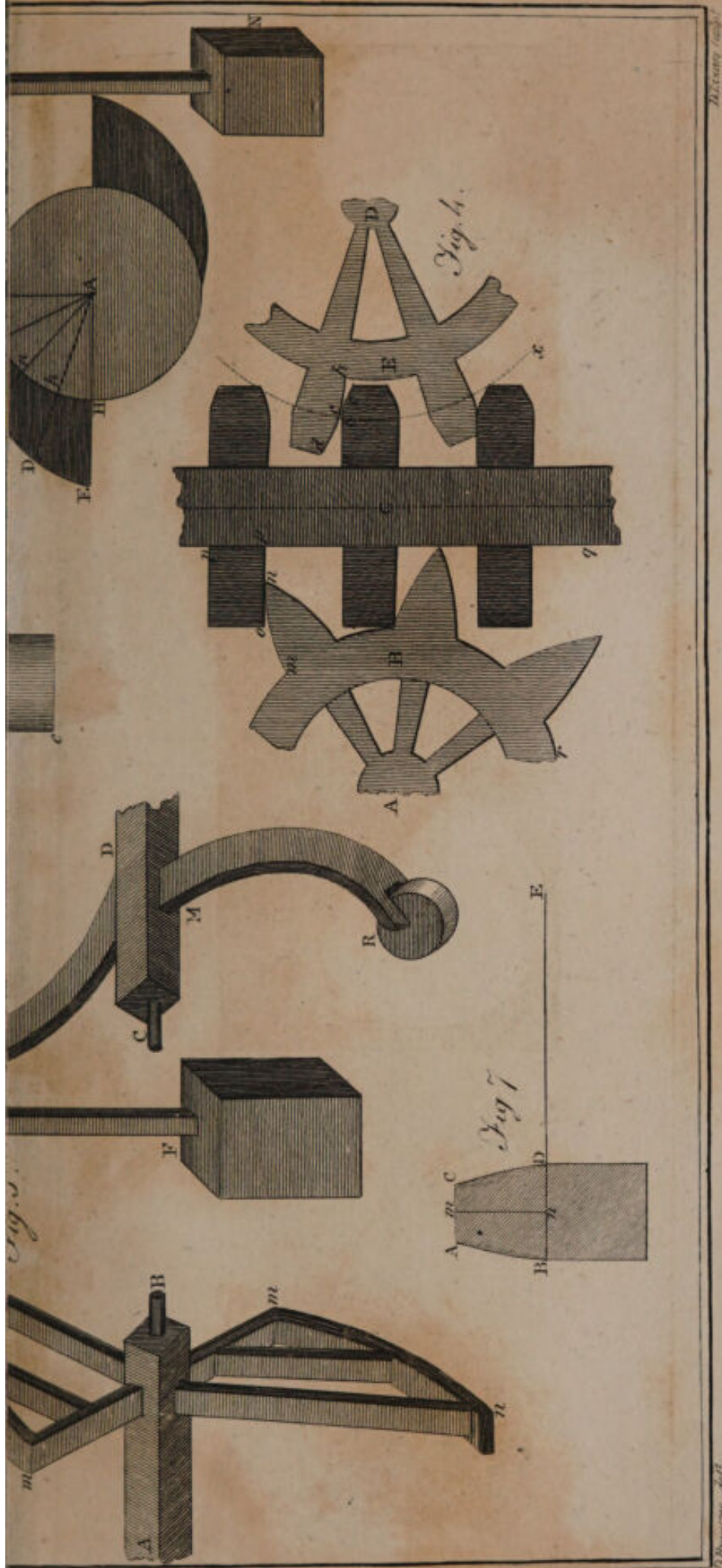


Fig. 3.



Fig. 5.





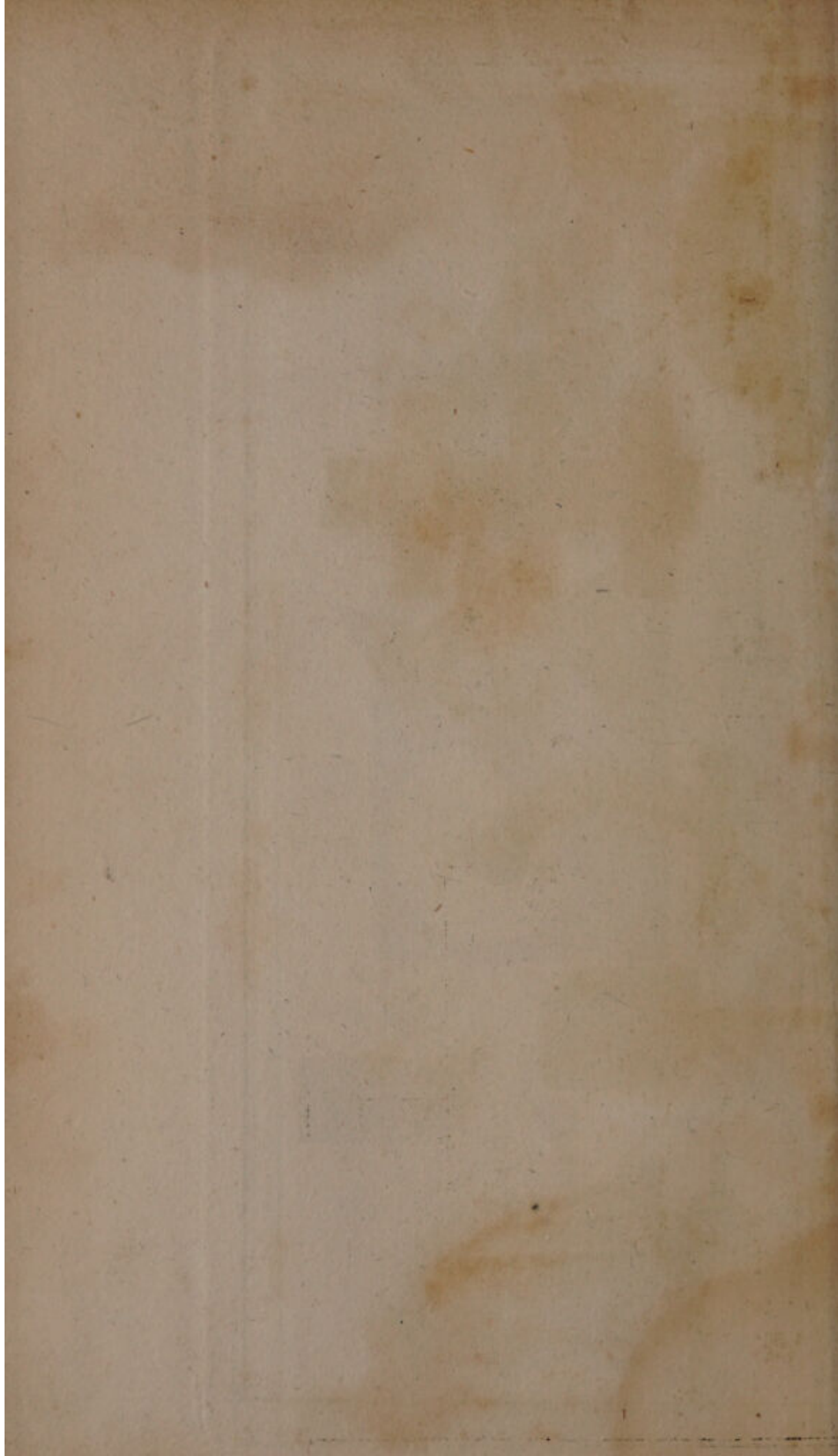




PLATE V.

Fig. 1.

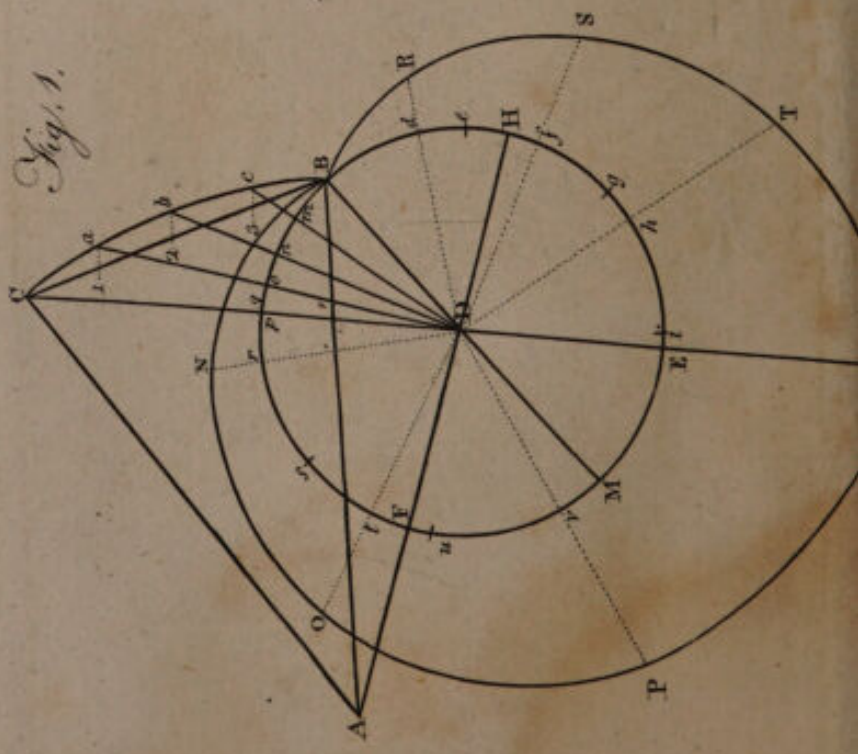


Fig. 2.



Fig. 6.

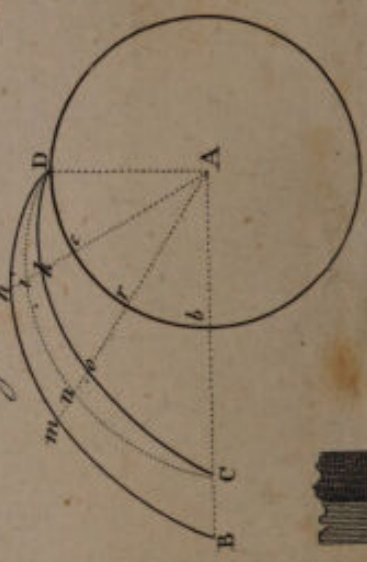
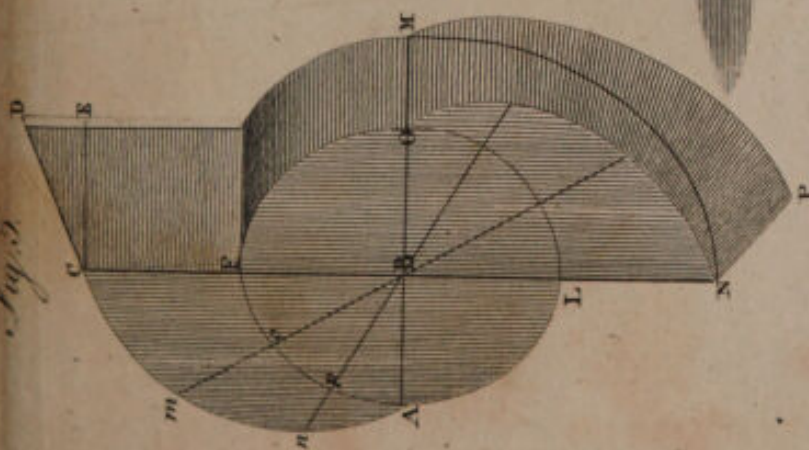
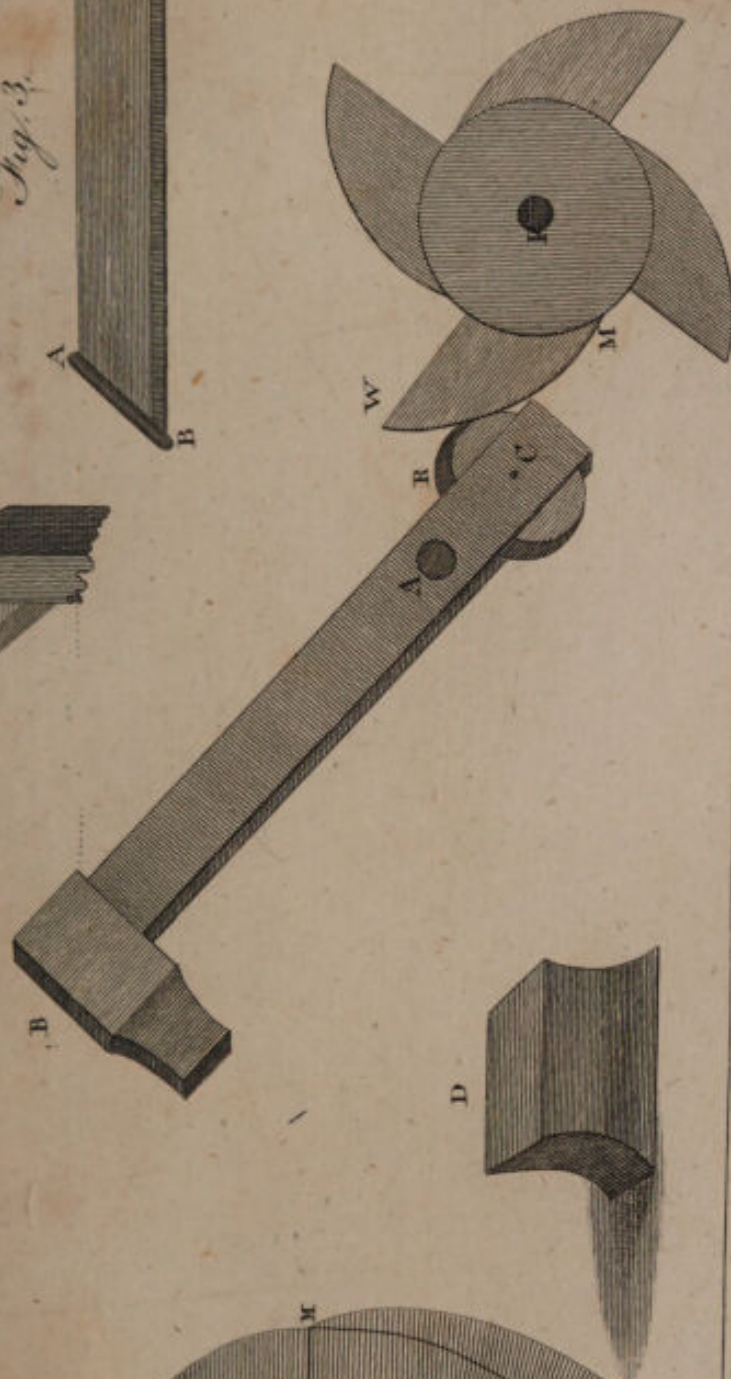
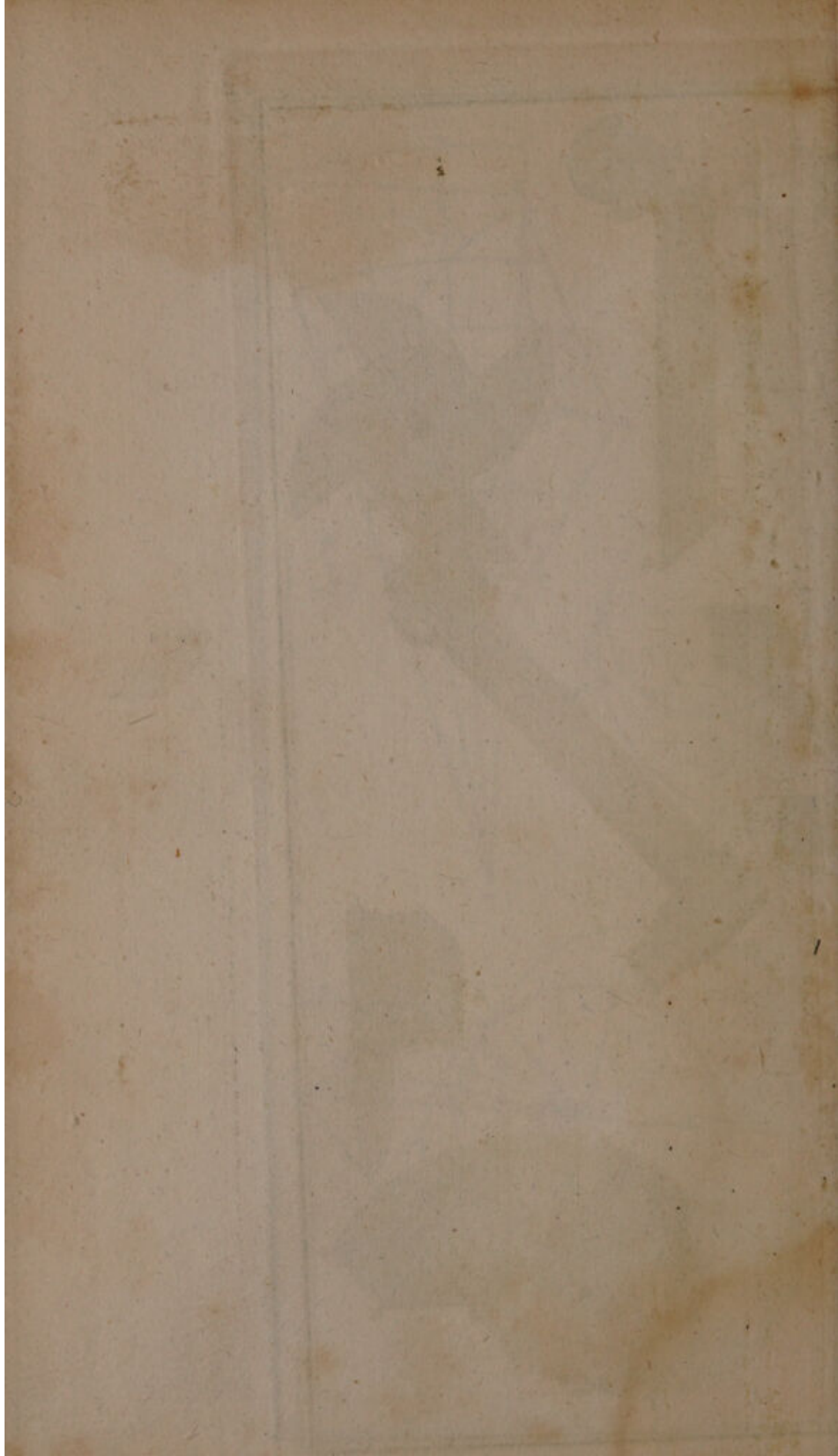


Fig. 4.







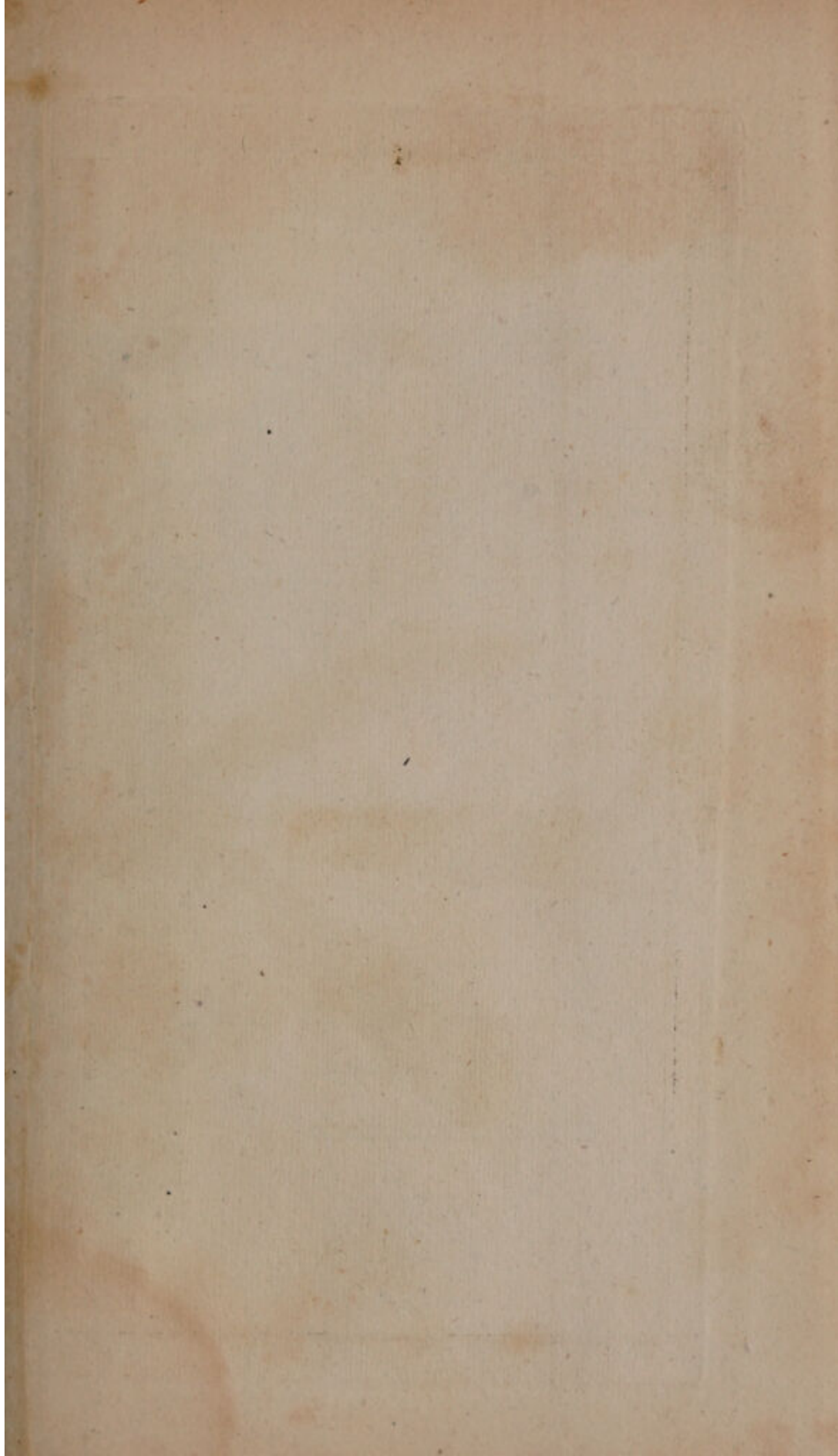
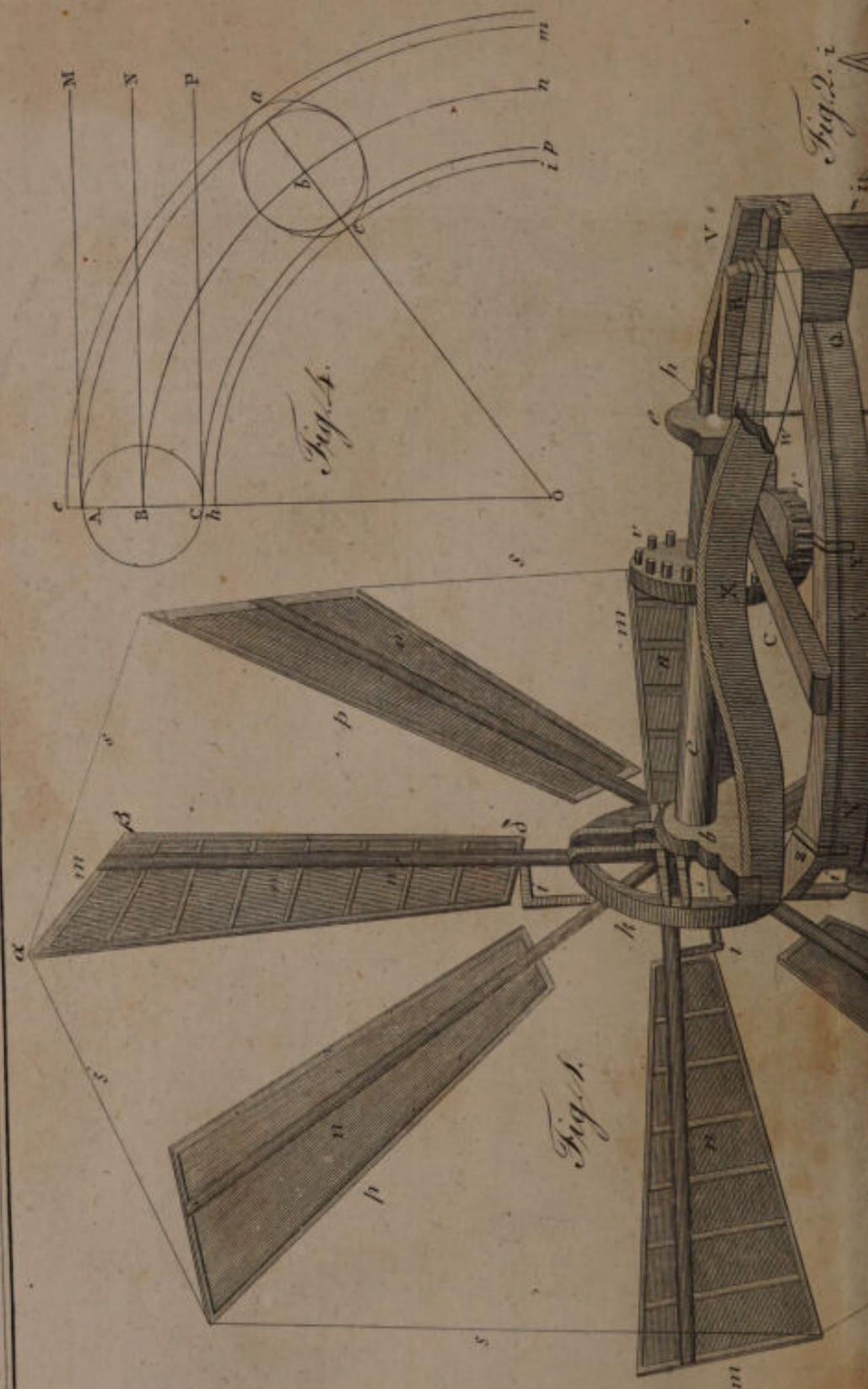


PLATE VI.



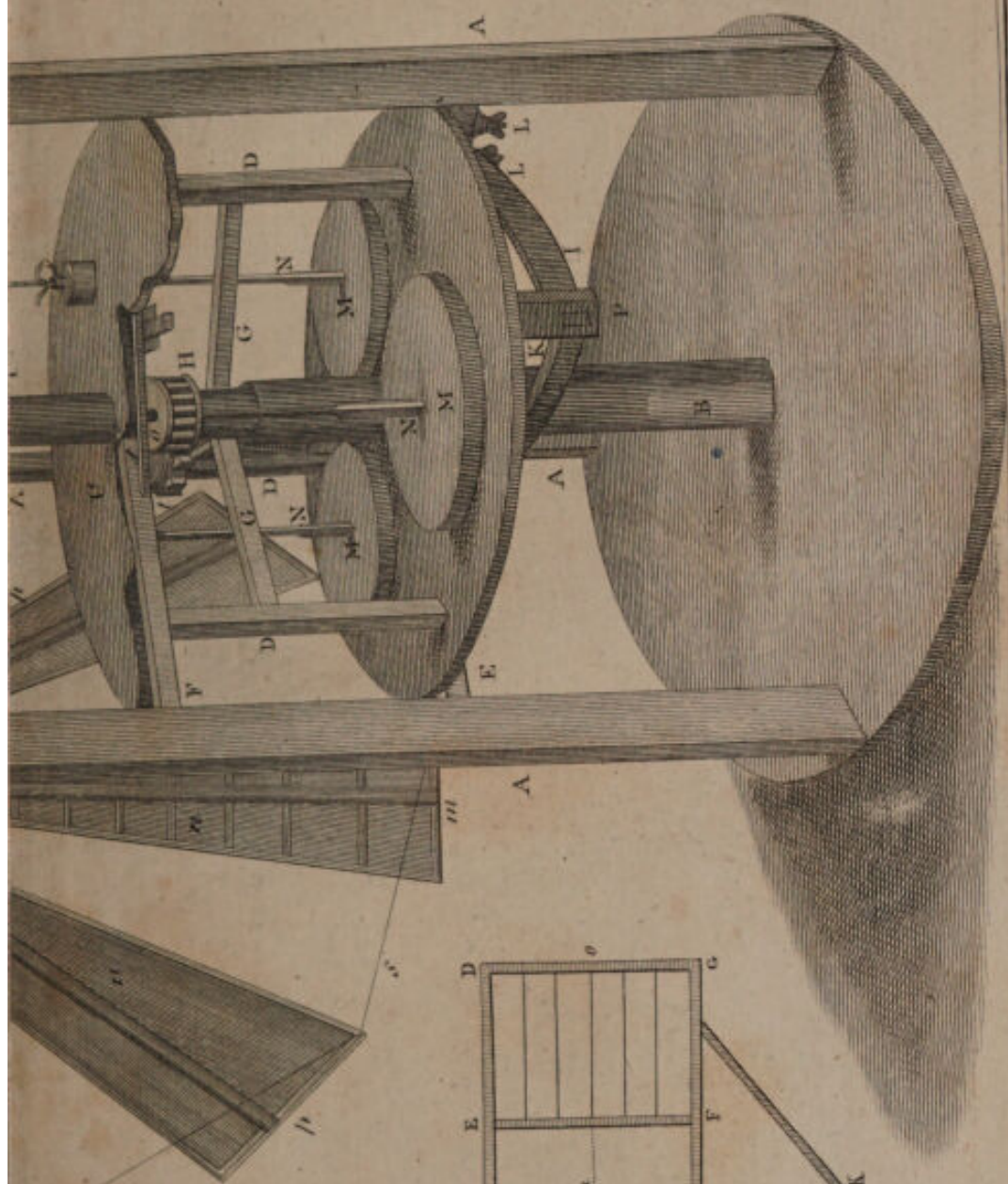
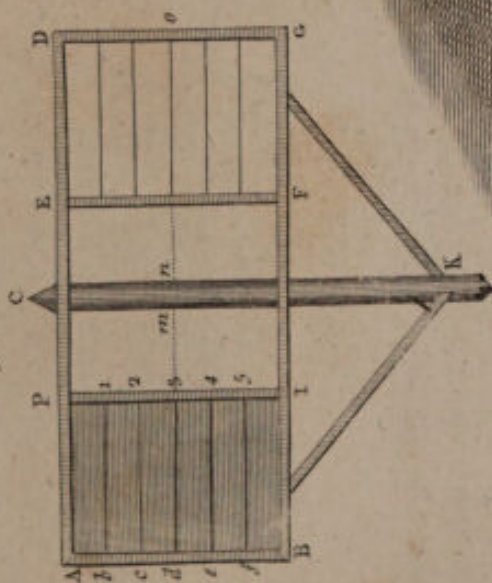
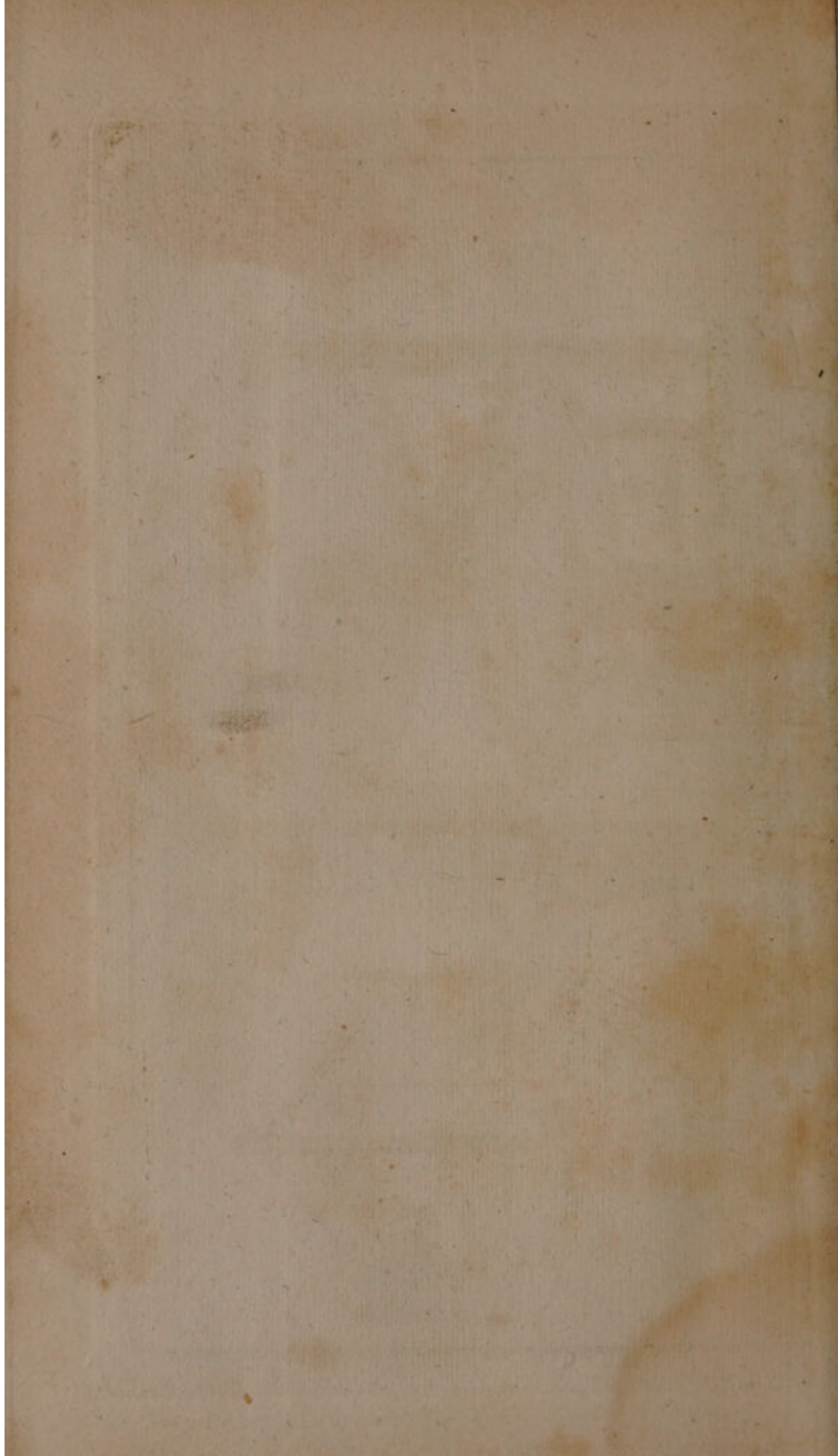


Fig. 3.







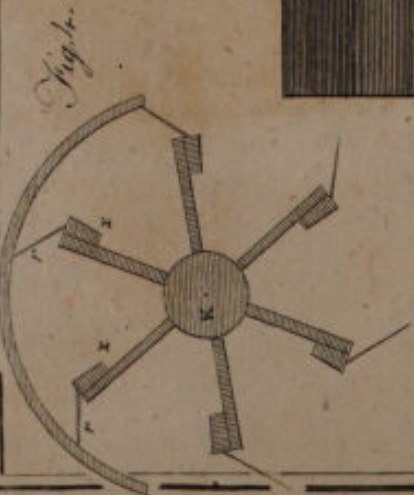


PLATE VII.

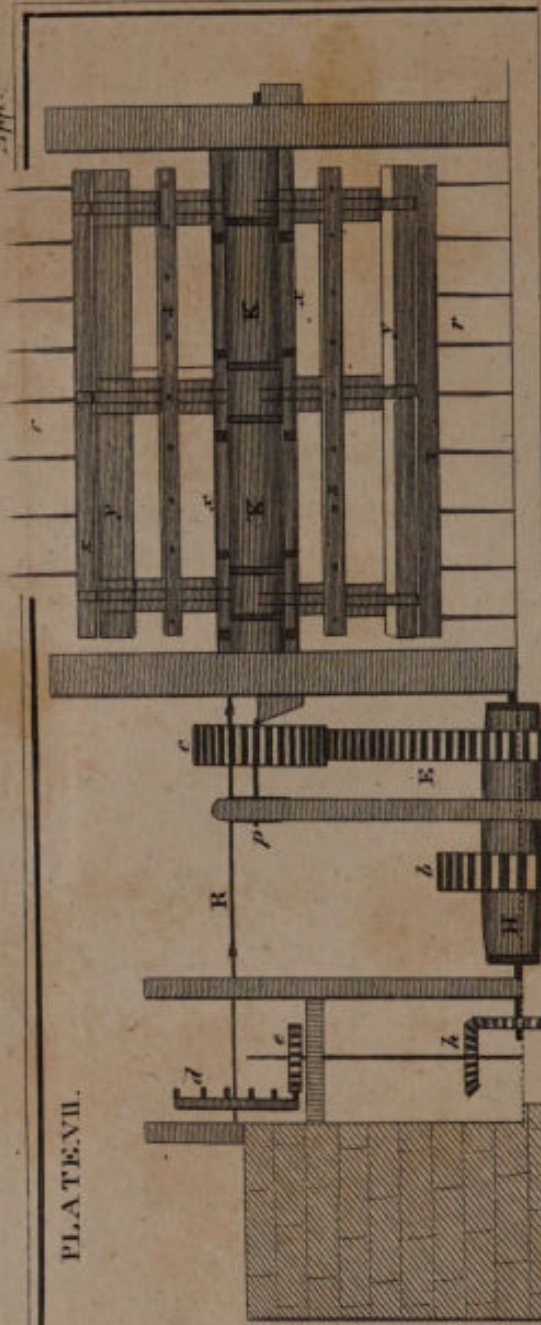


Fig. 2.

Fig. 1.

F^d R

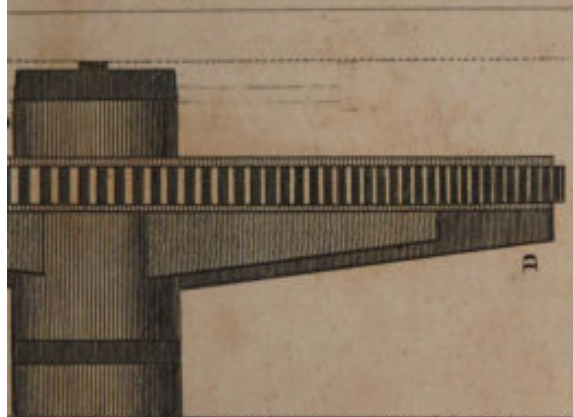
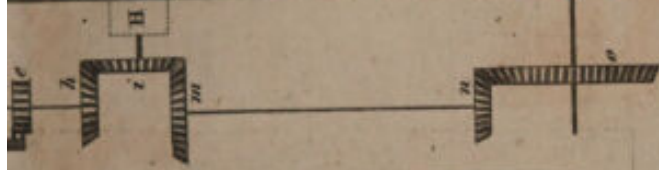
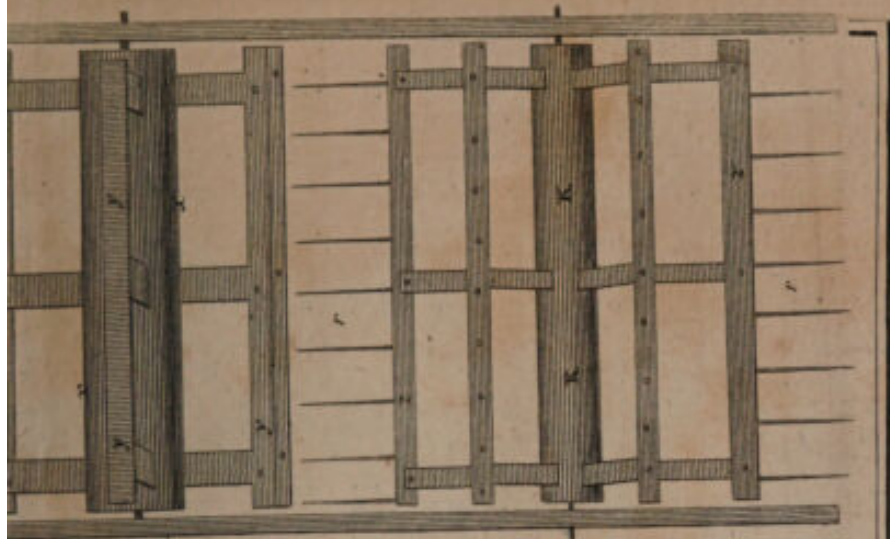


Fig. 3.

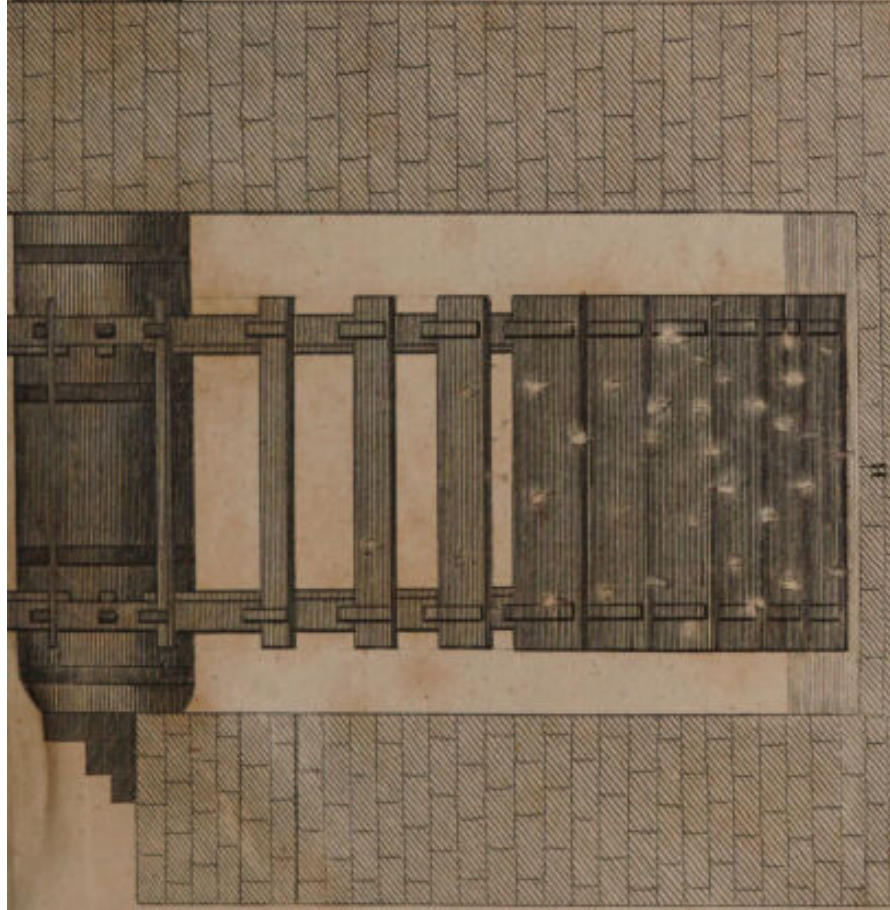


Fig. 1.

Fig. 2.



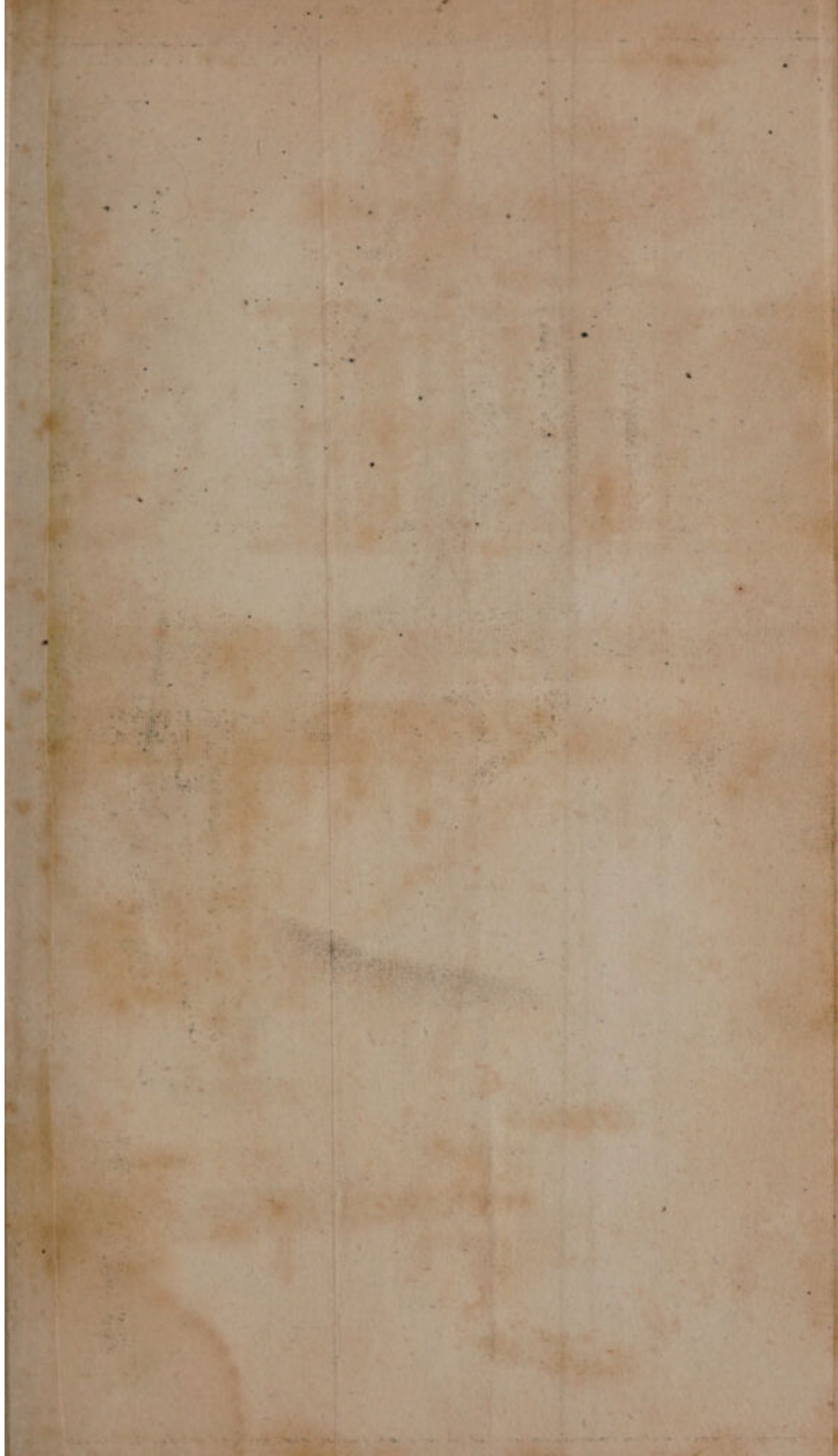


Fig. 2.

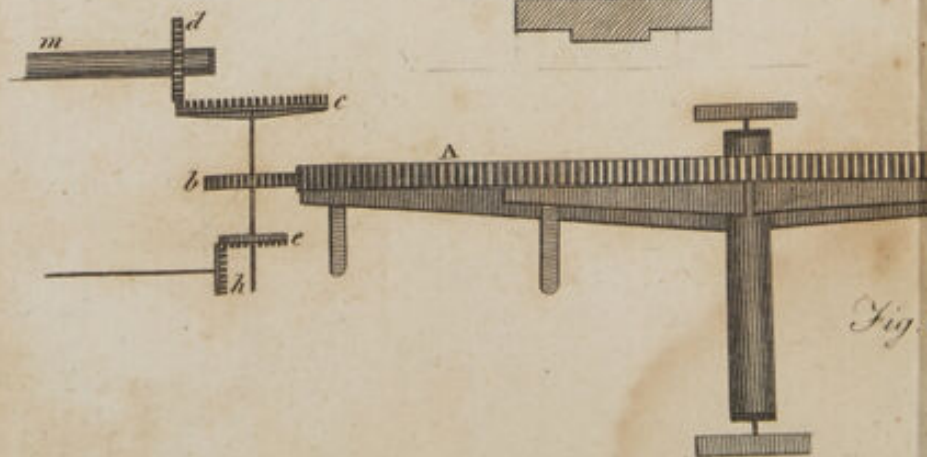
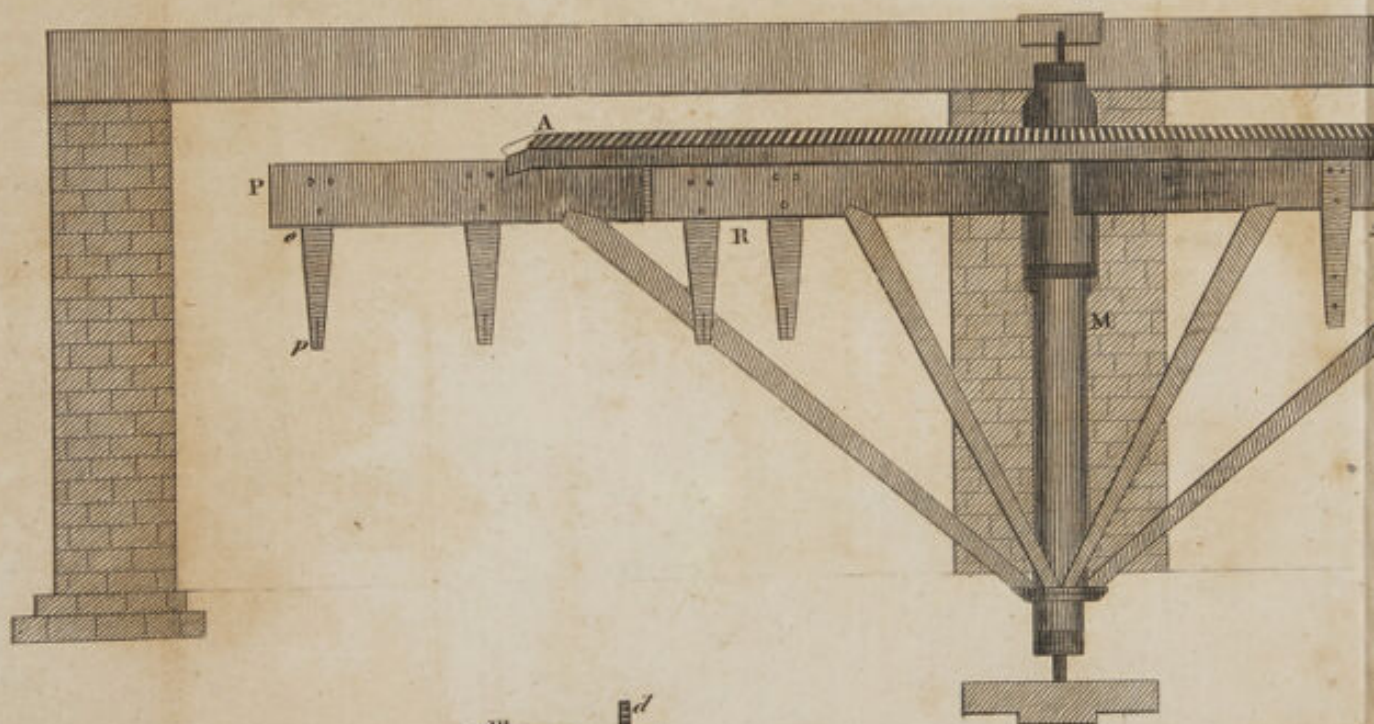
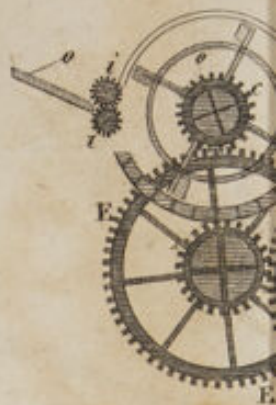
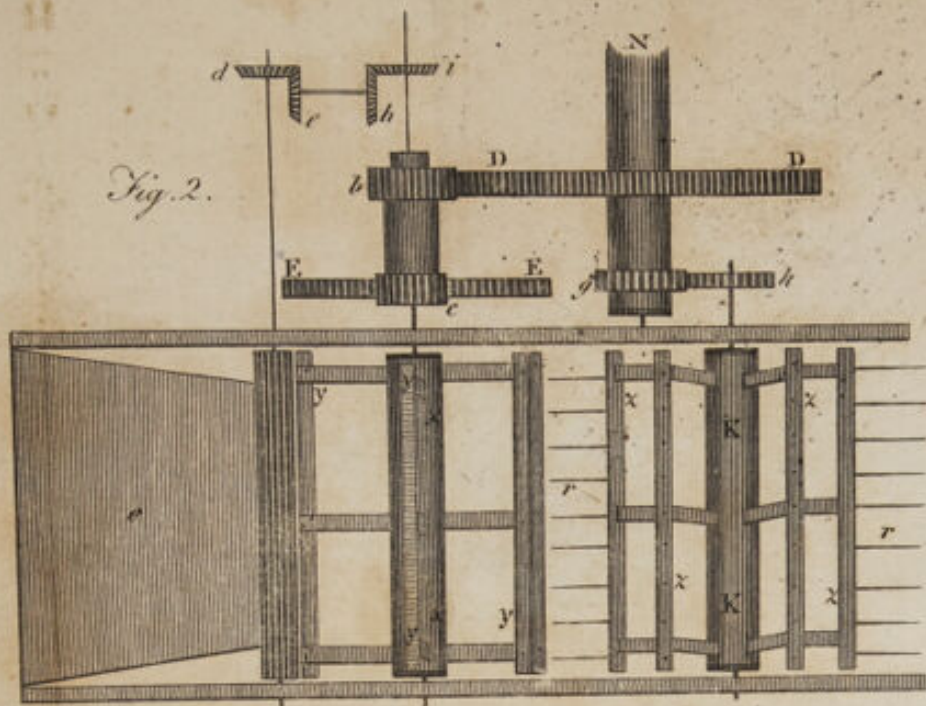


Fig.

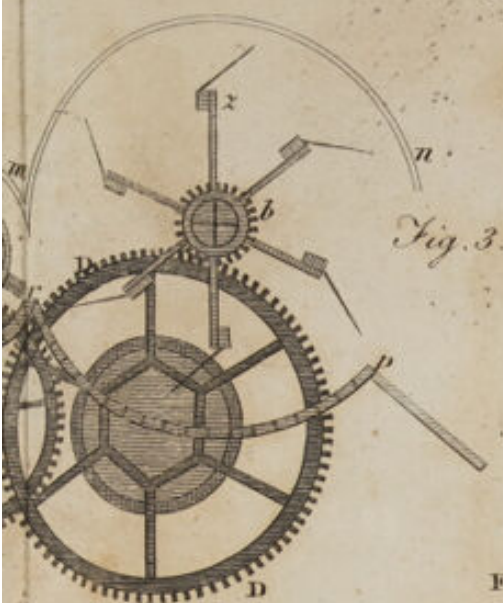


Fig. 3.

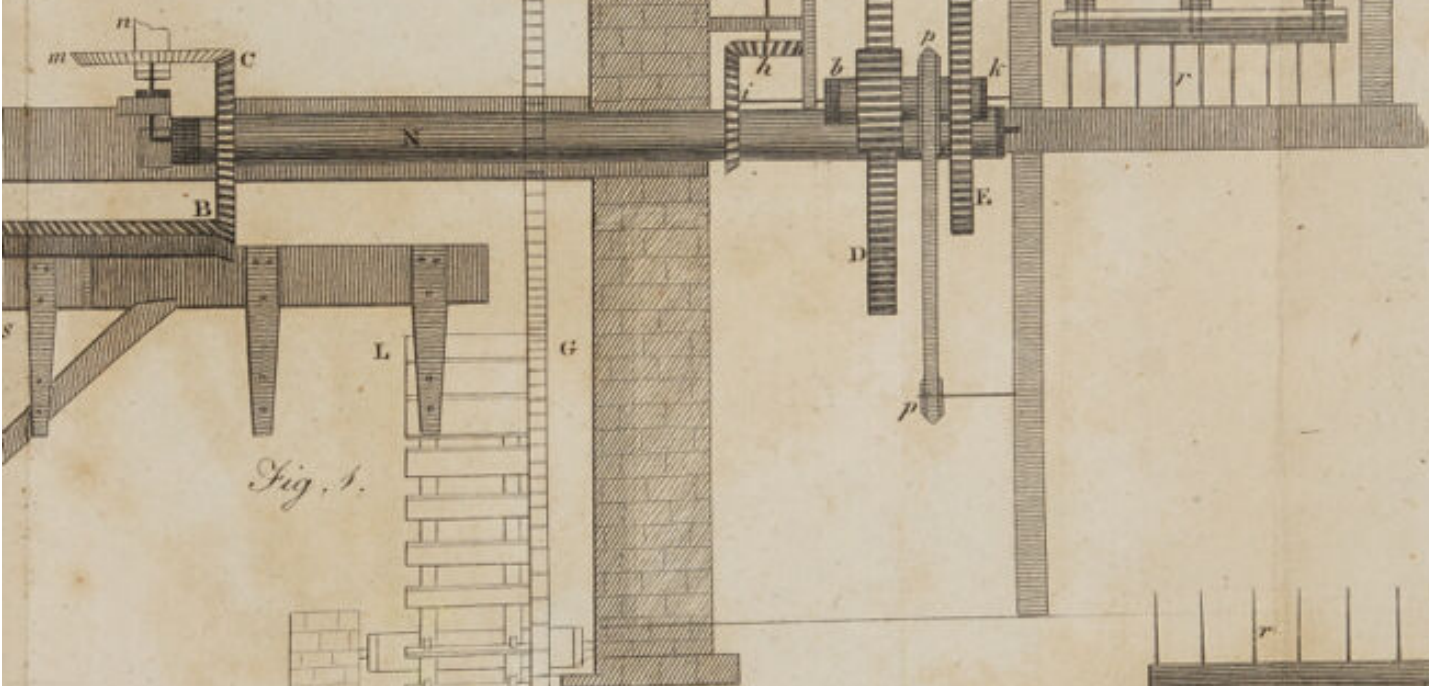


Fig. 1.

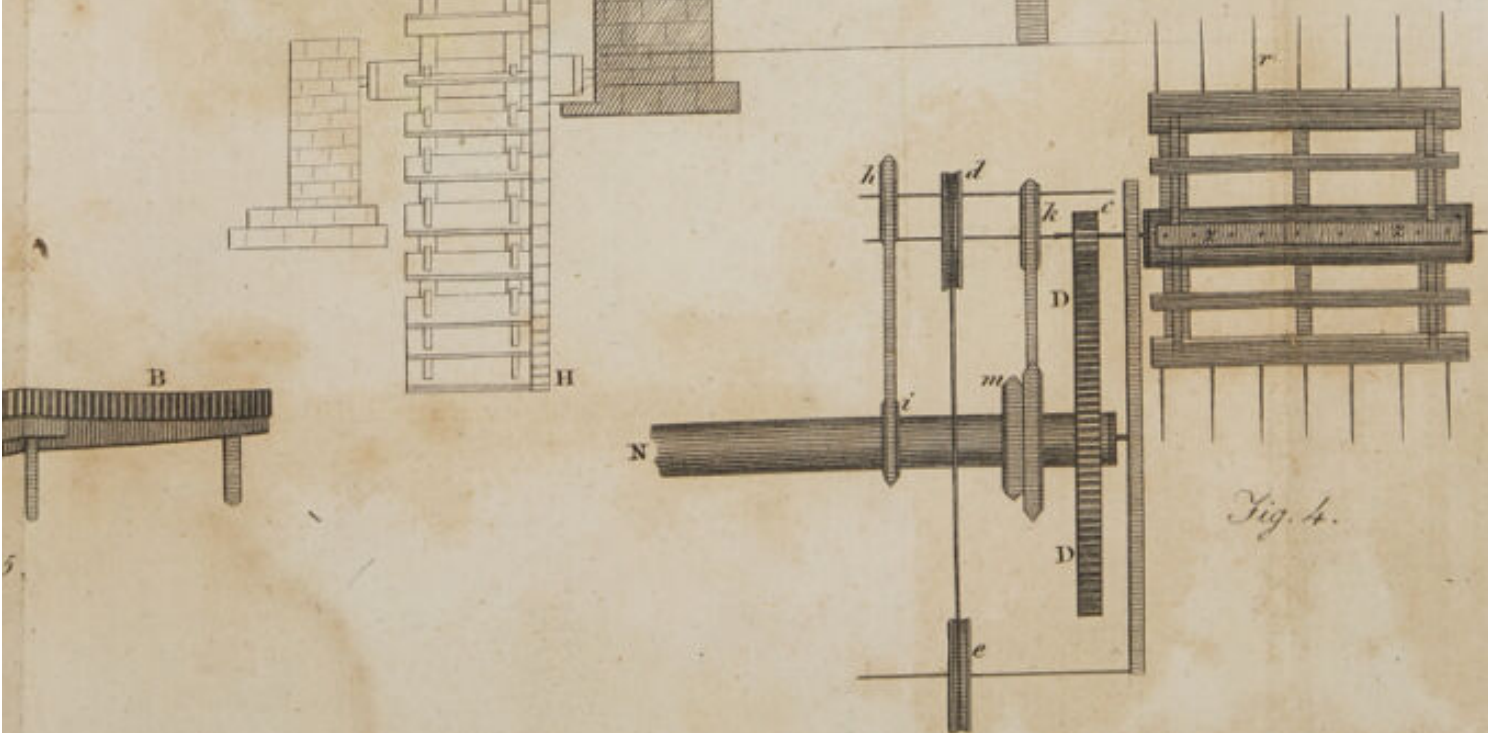
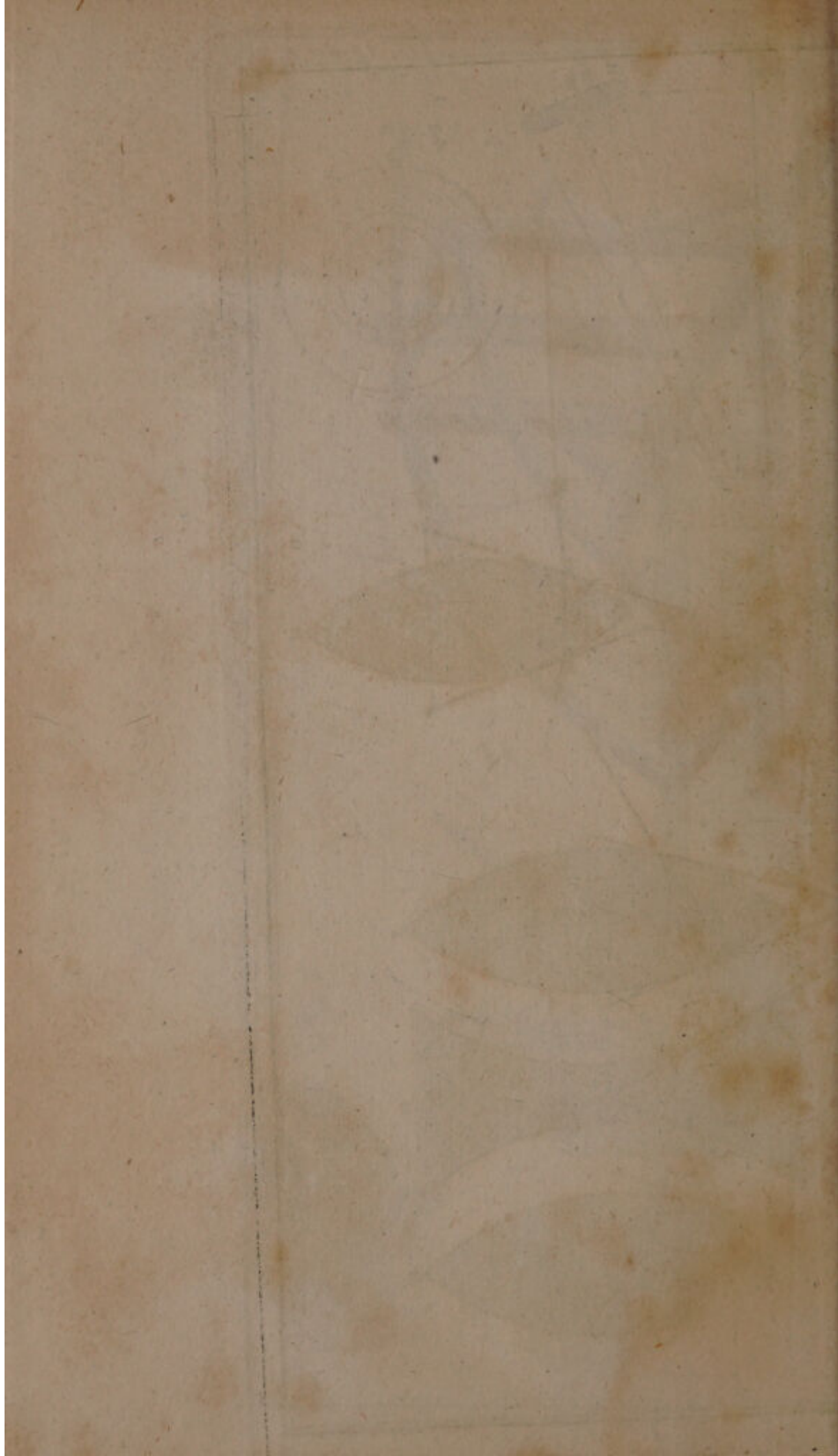
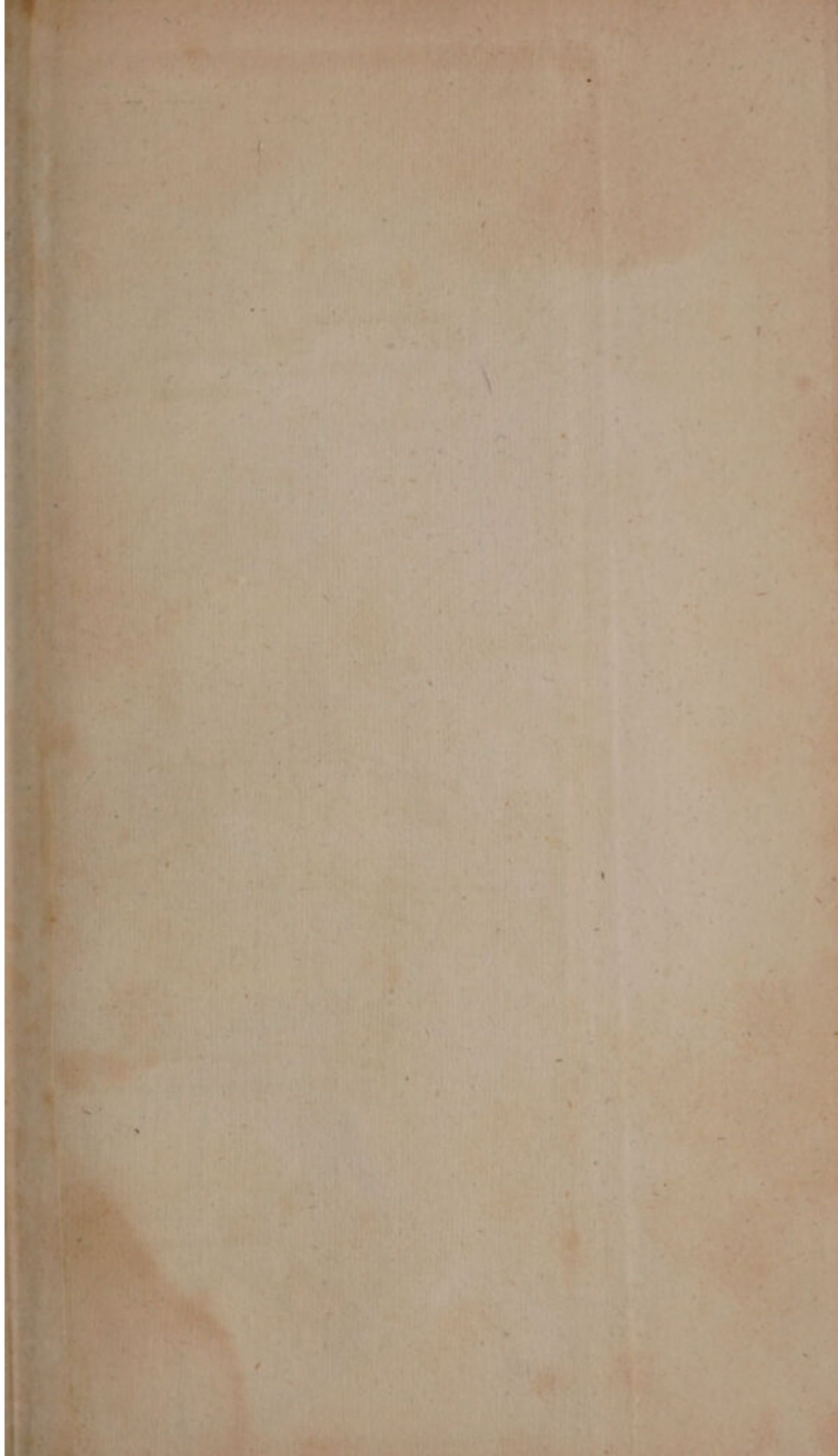


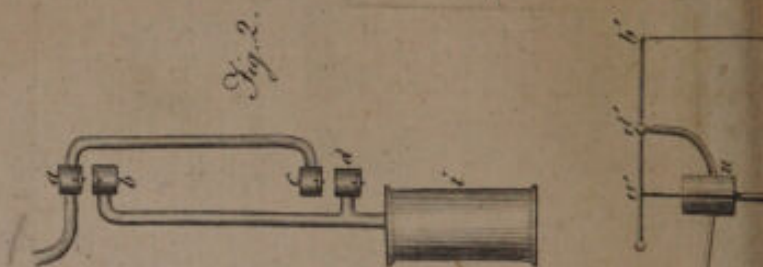
Fig. 4.

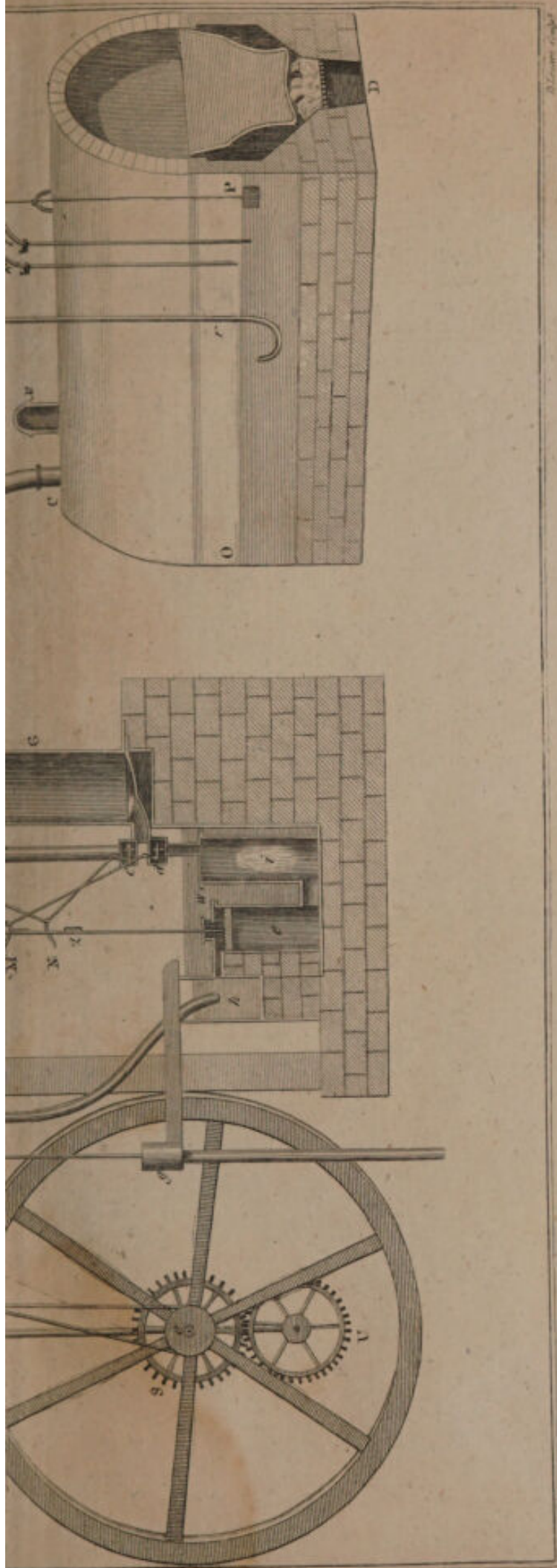






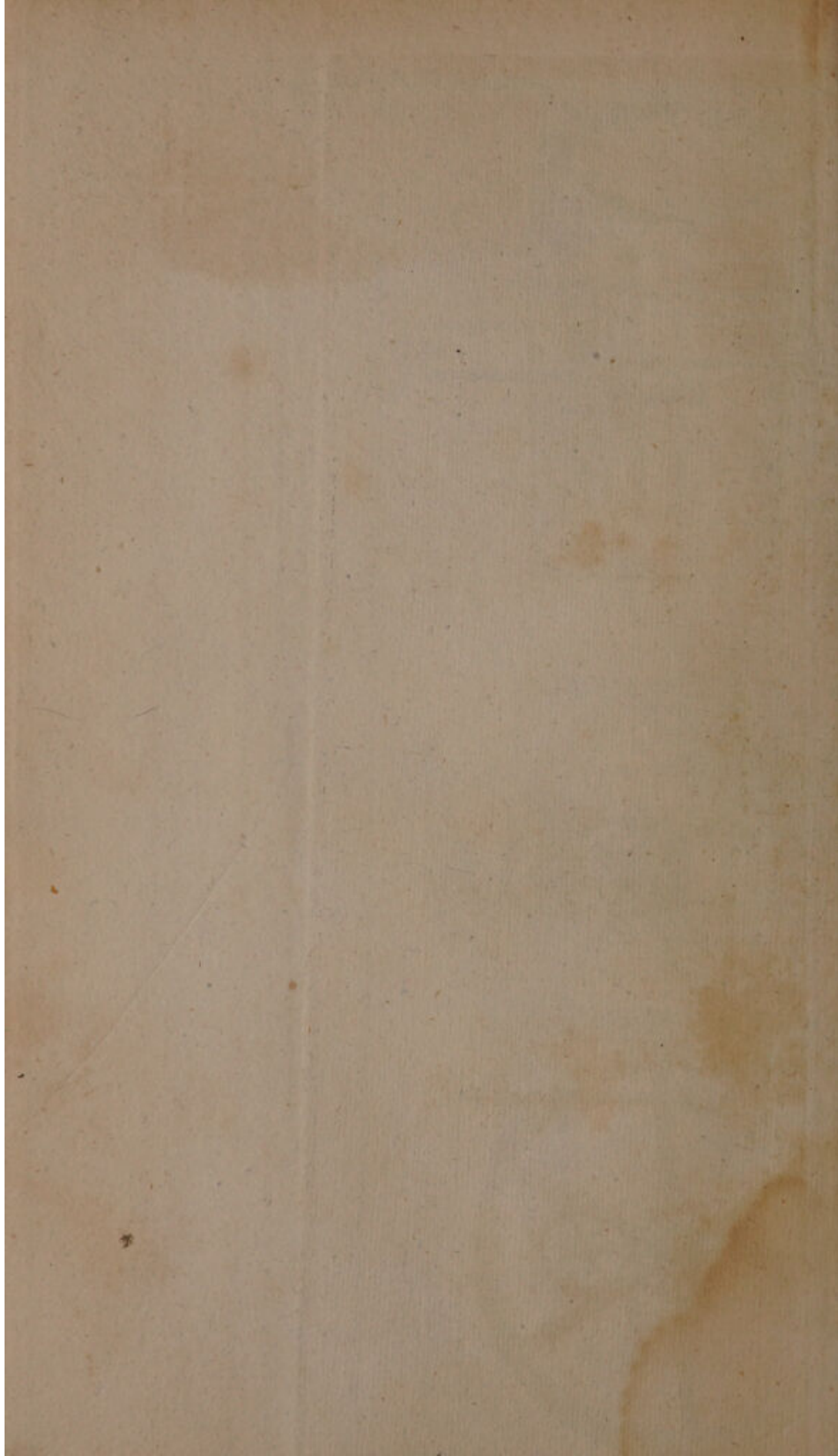


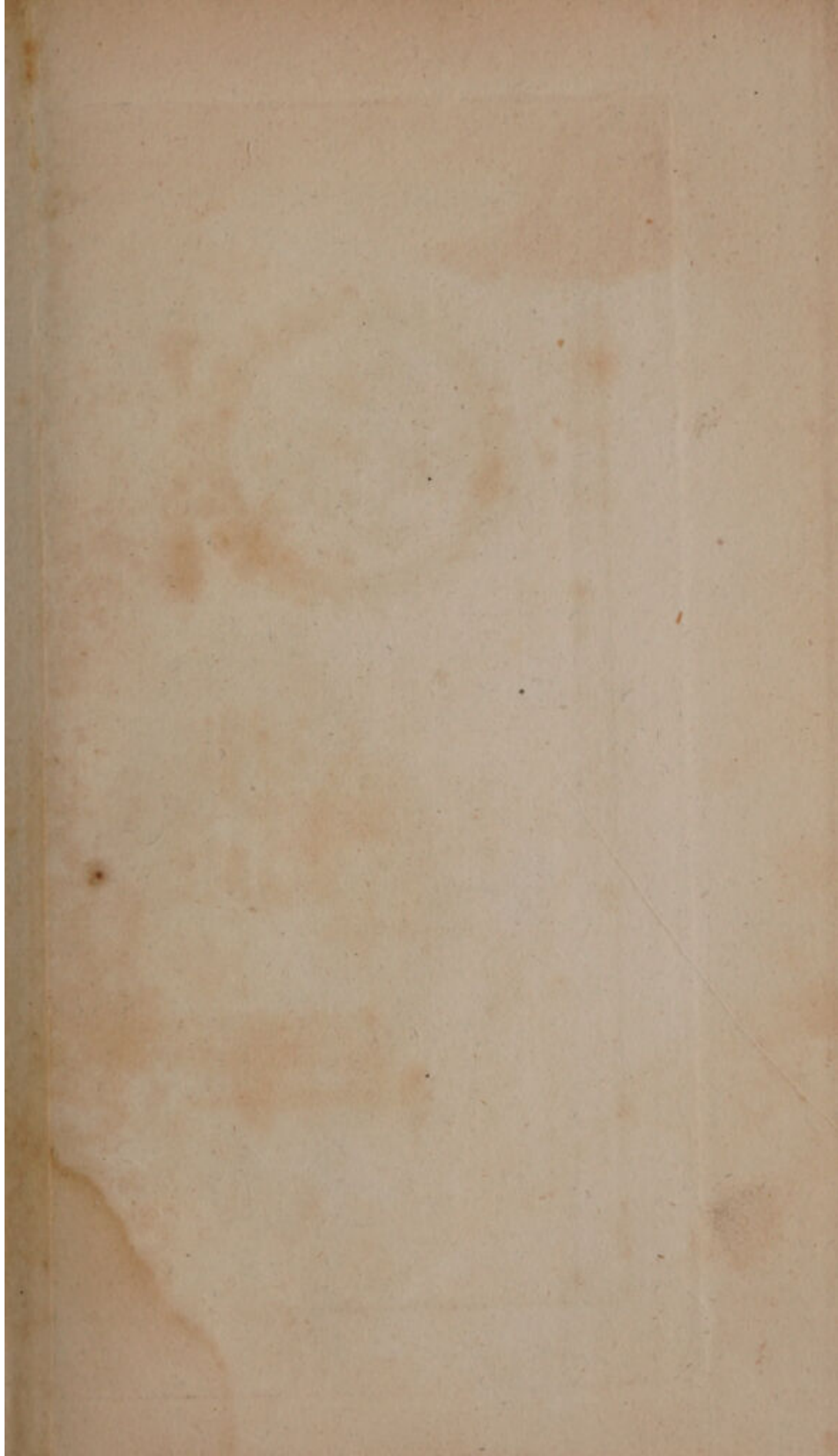




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Alcorno 1848





New Fluid Microscope

Fig. 3.

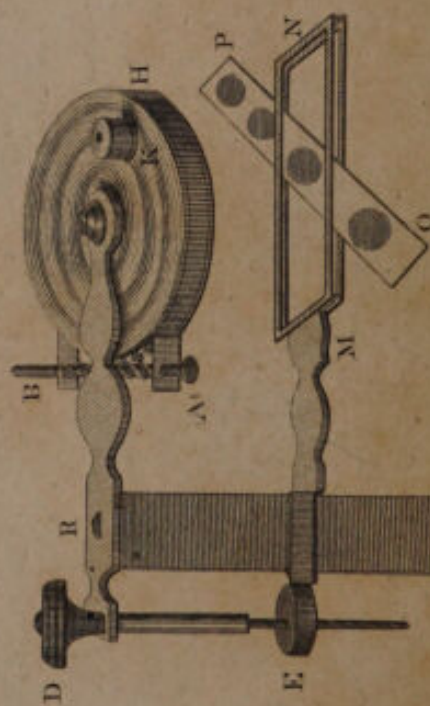
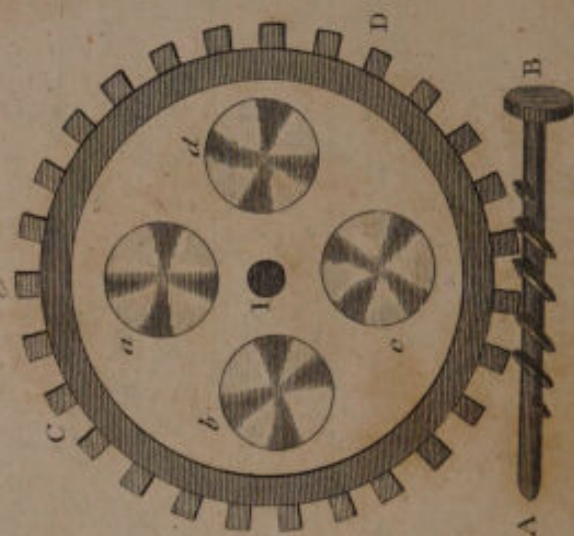
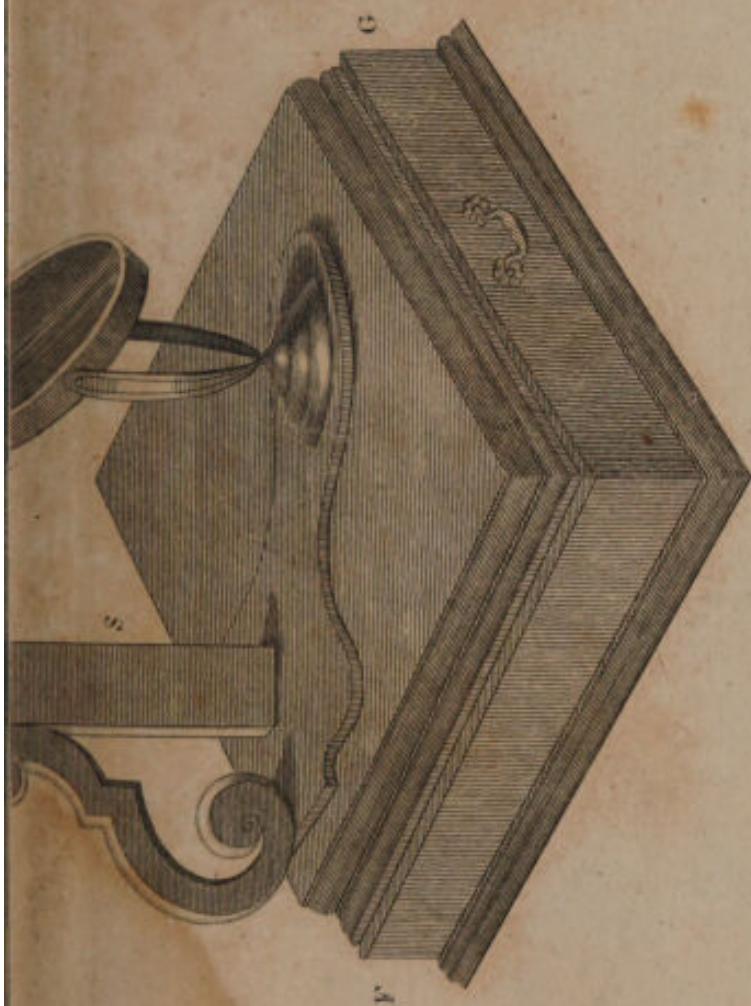
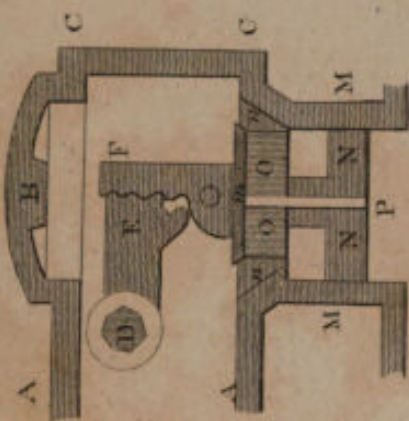


Fig. 2.

Fig. 4.



D. L. Garsia's reply:

D. Brewer Dd.





Fig. 5.

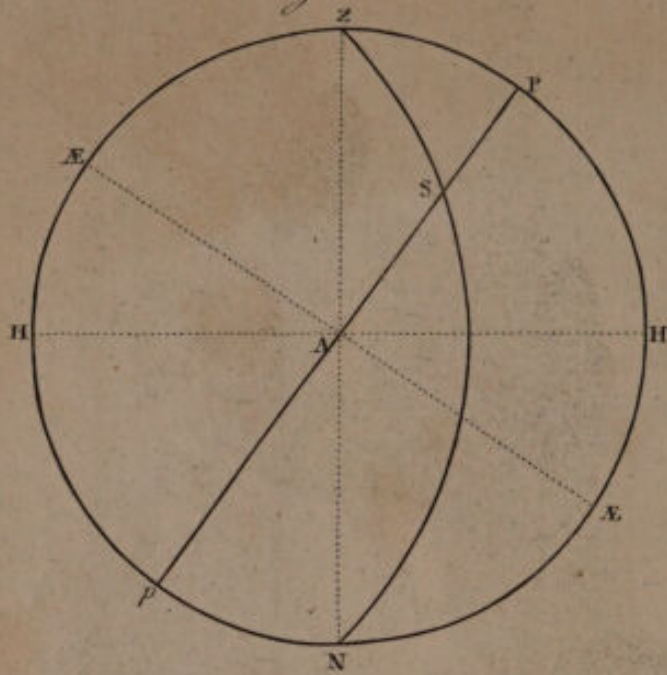


Fig. 4.

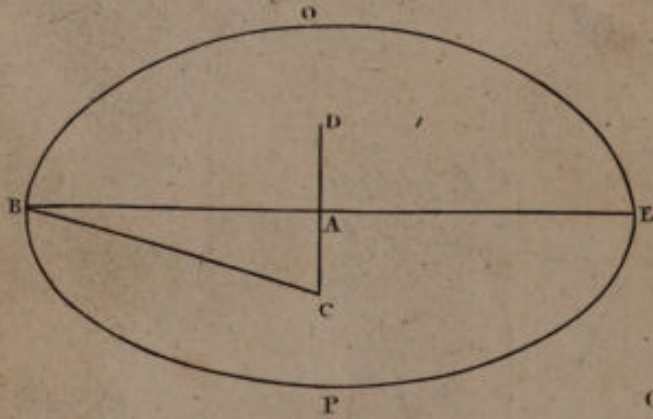


Fig. 8.

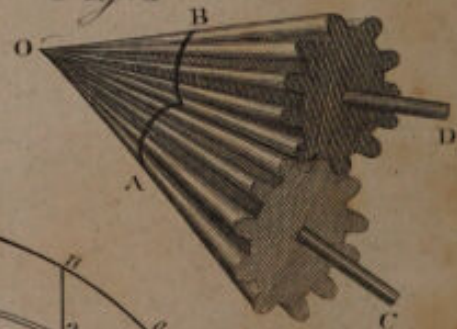
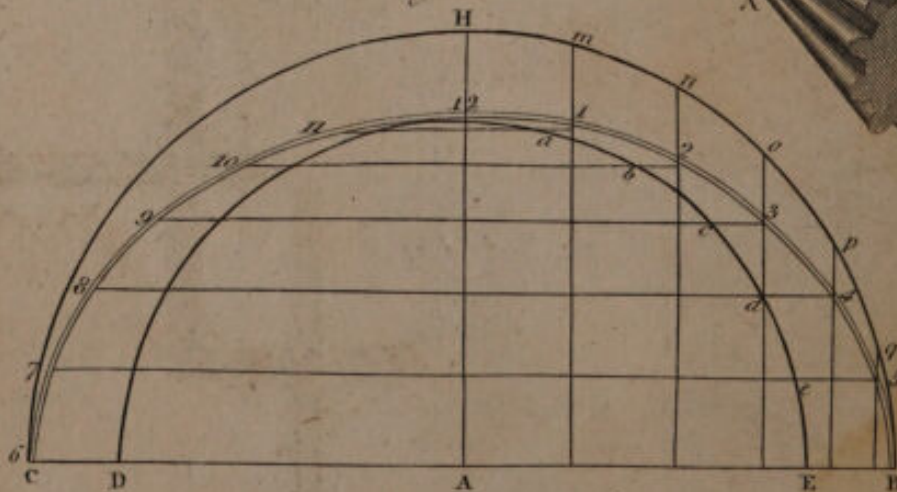
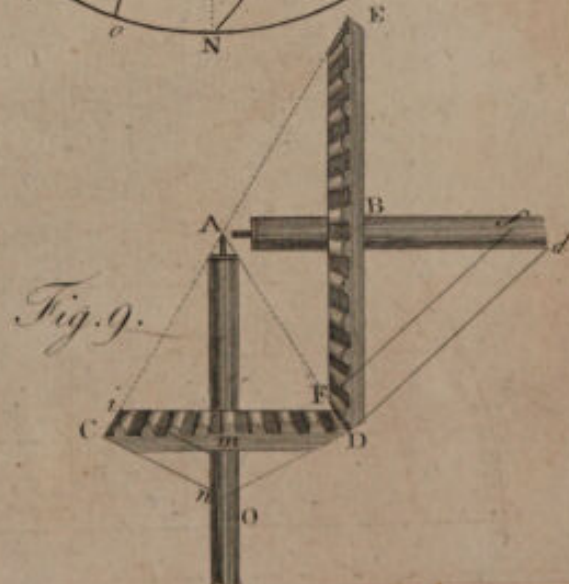
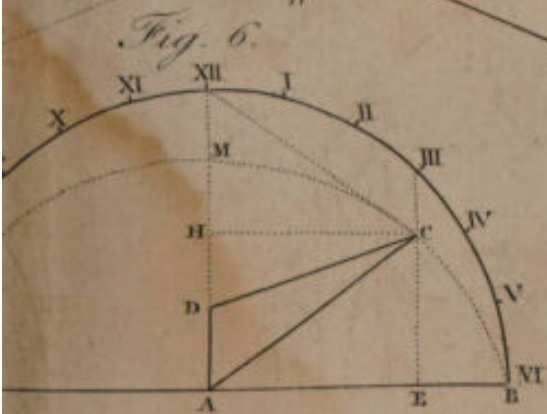
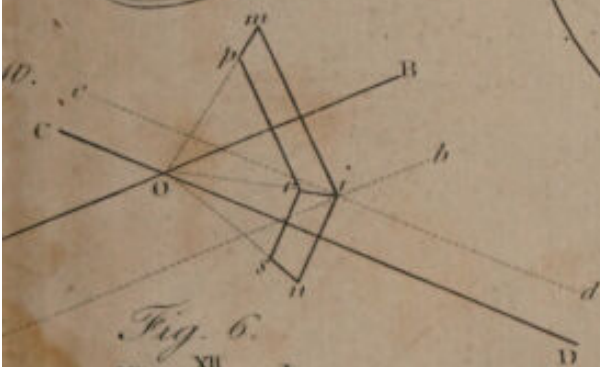
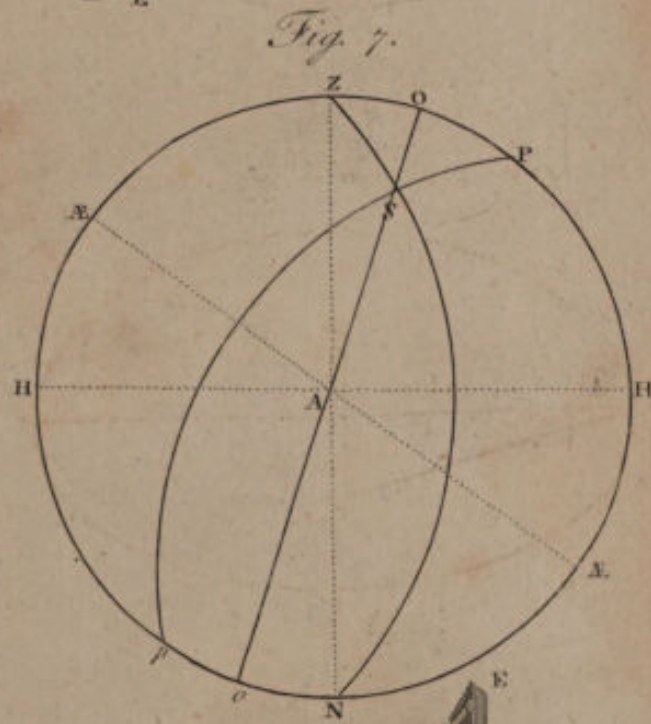
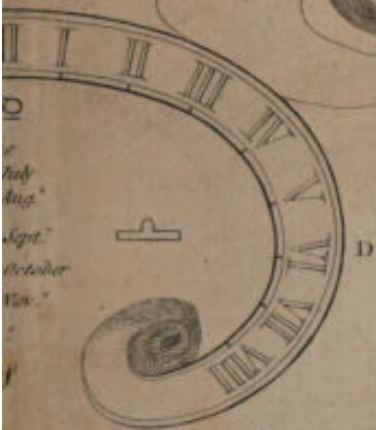


Fig. 3.





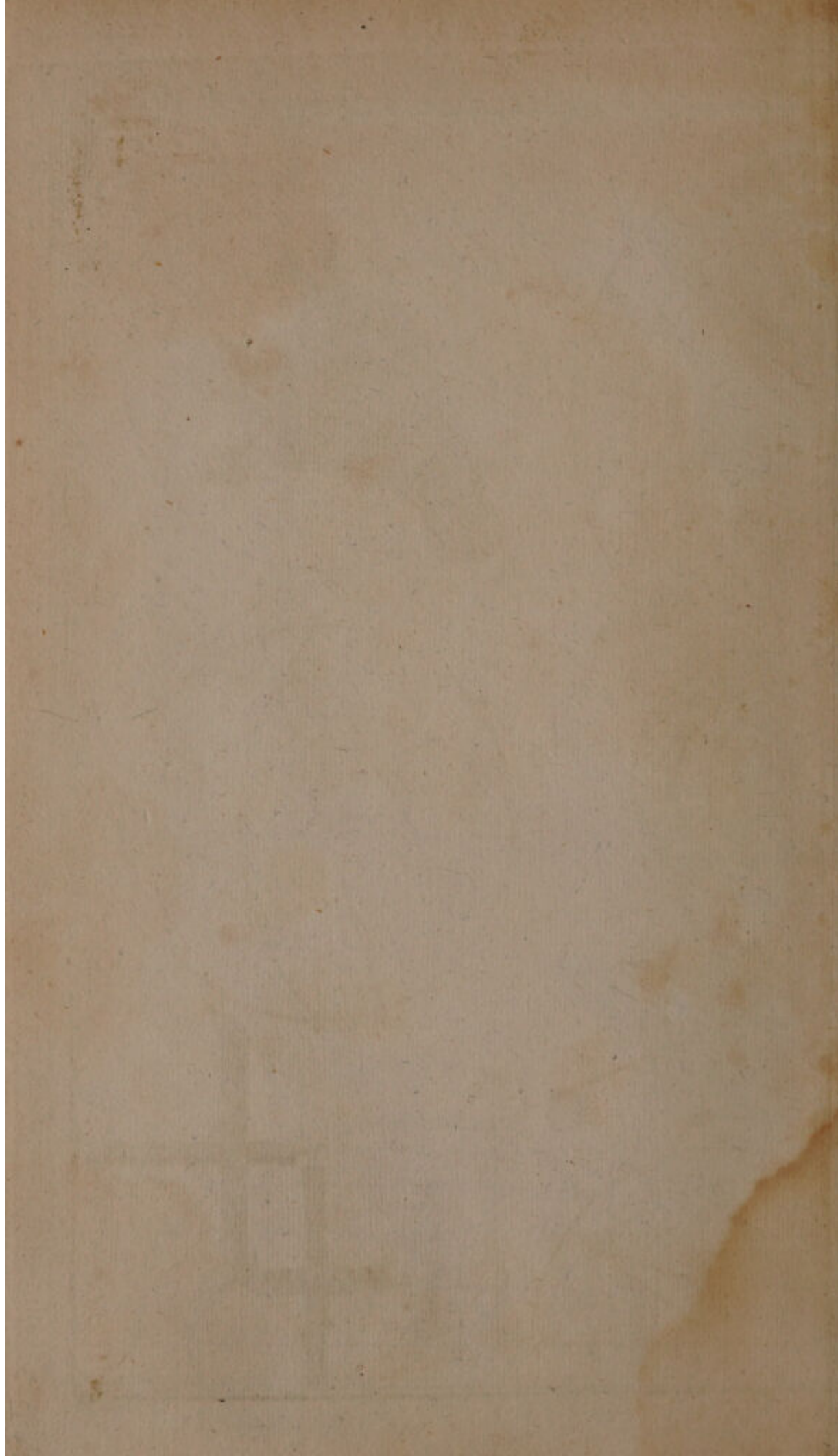




PLATE XIII.

App.

Fig. 1.

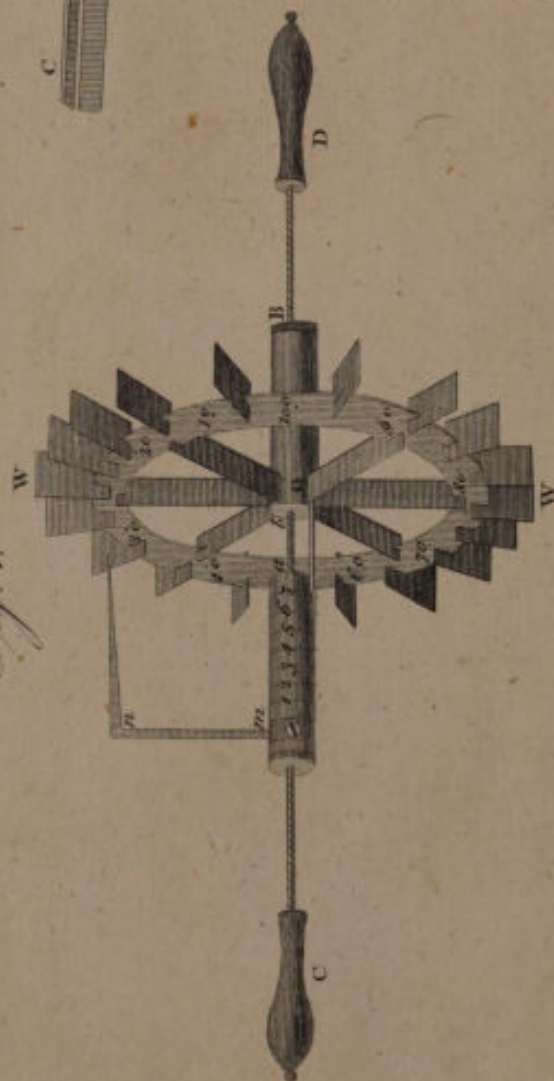


Fig. 2.

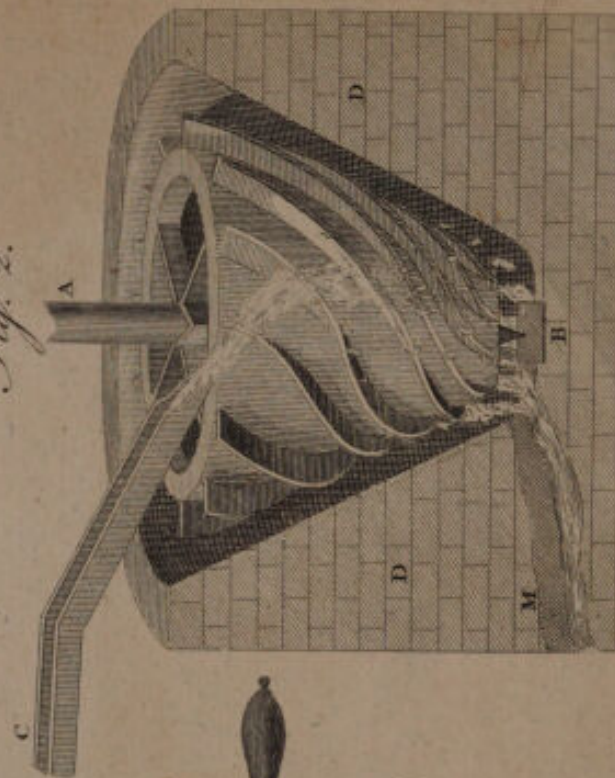


Fig. 3.



Fig. 4.



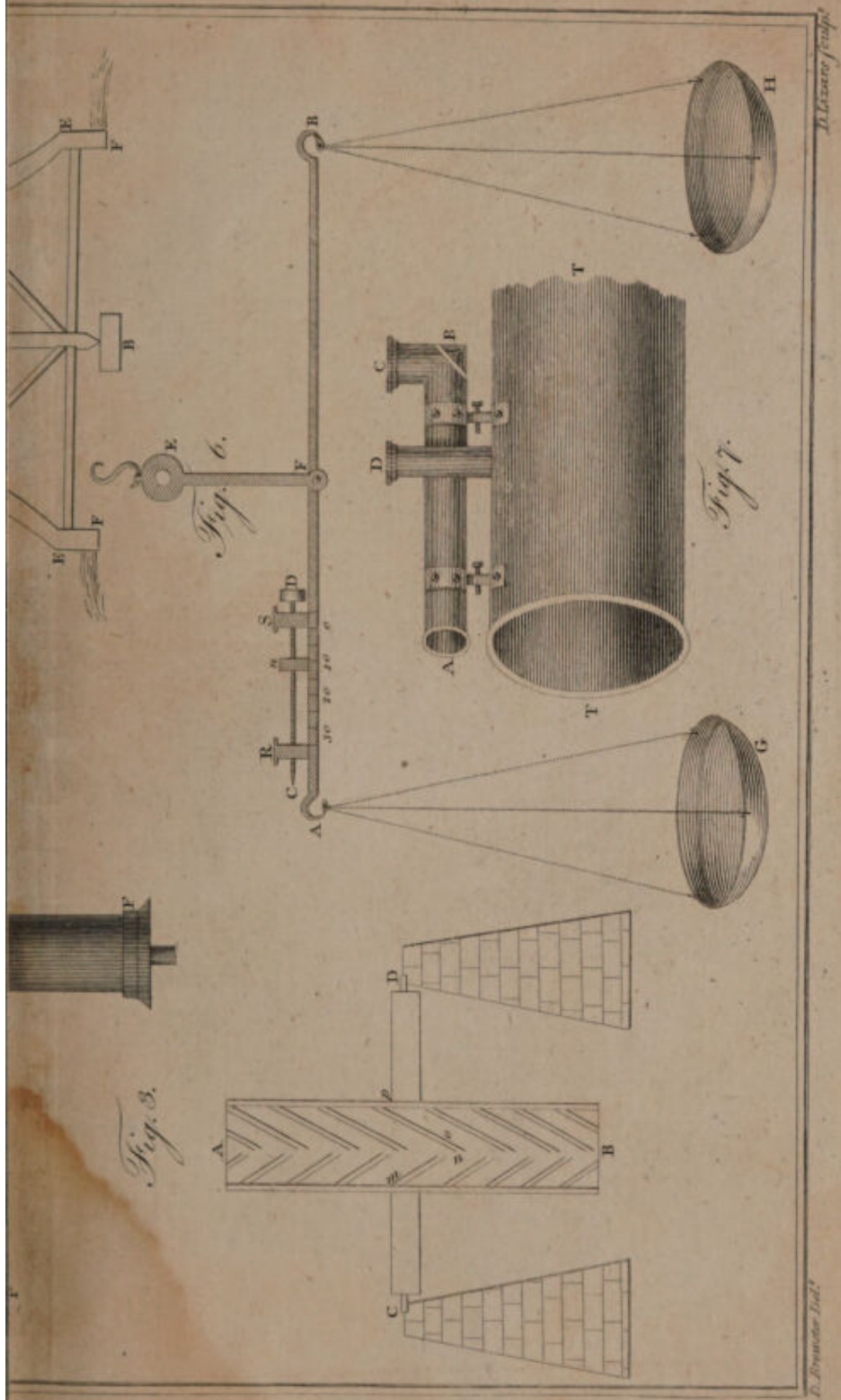






PLATE XIV.



Fig. 2.

