

Fig. I.

Fig. II.

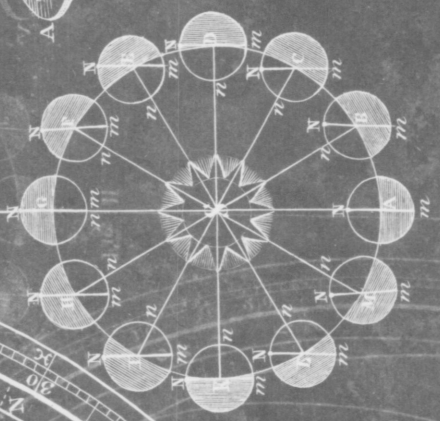


Fig. III.

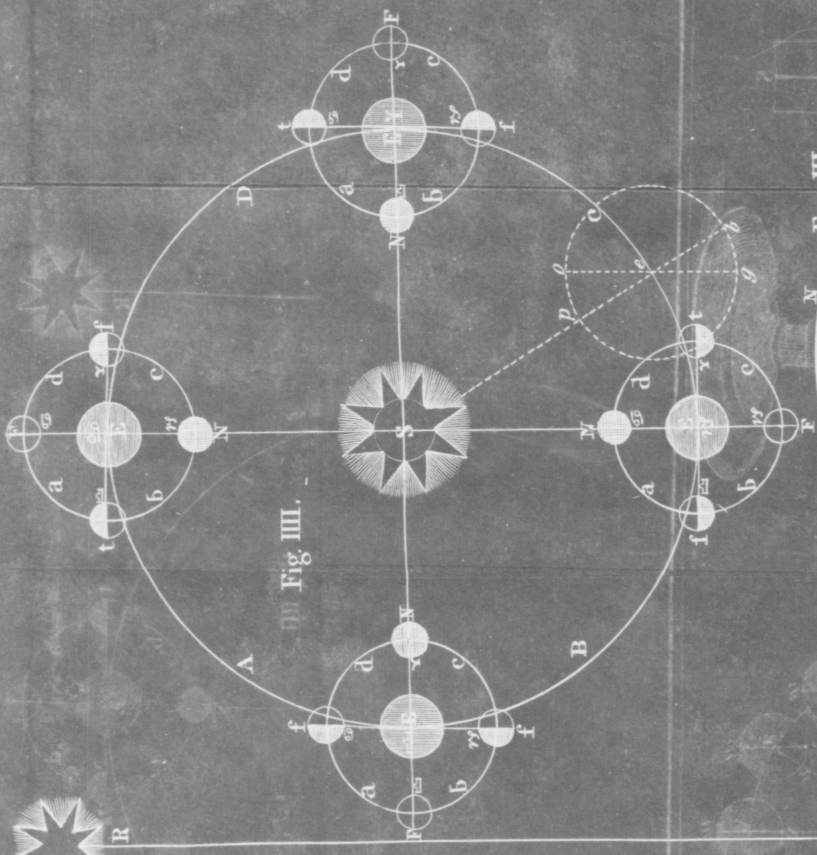
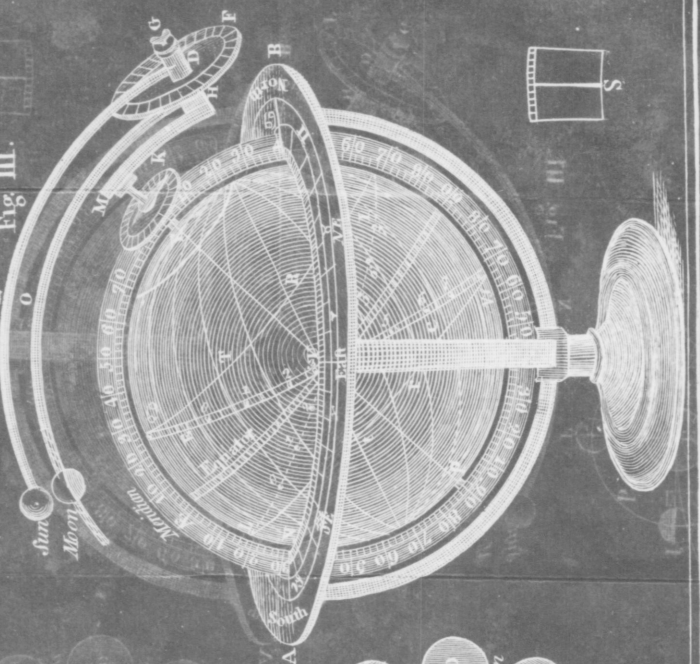
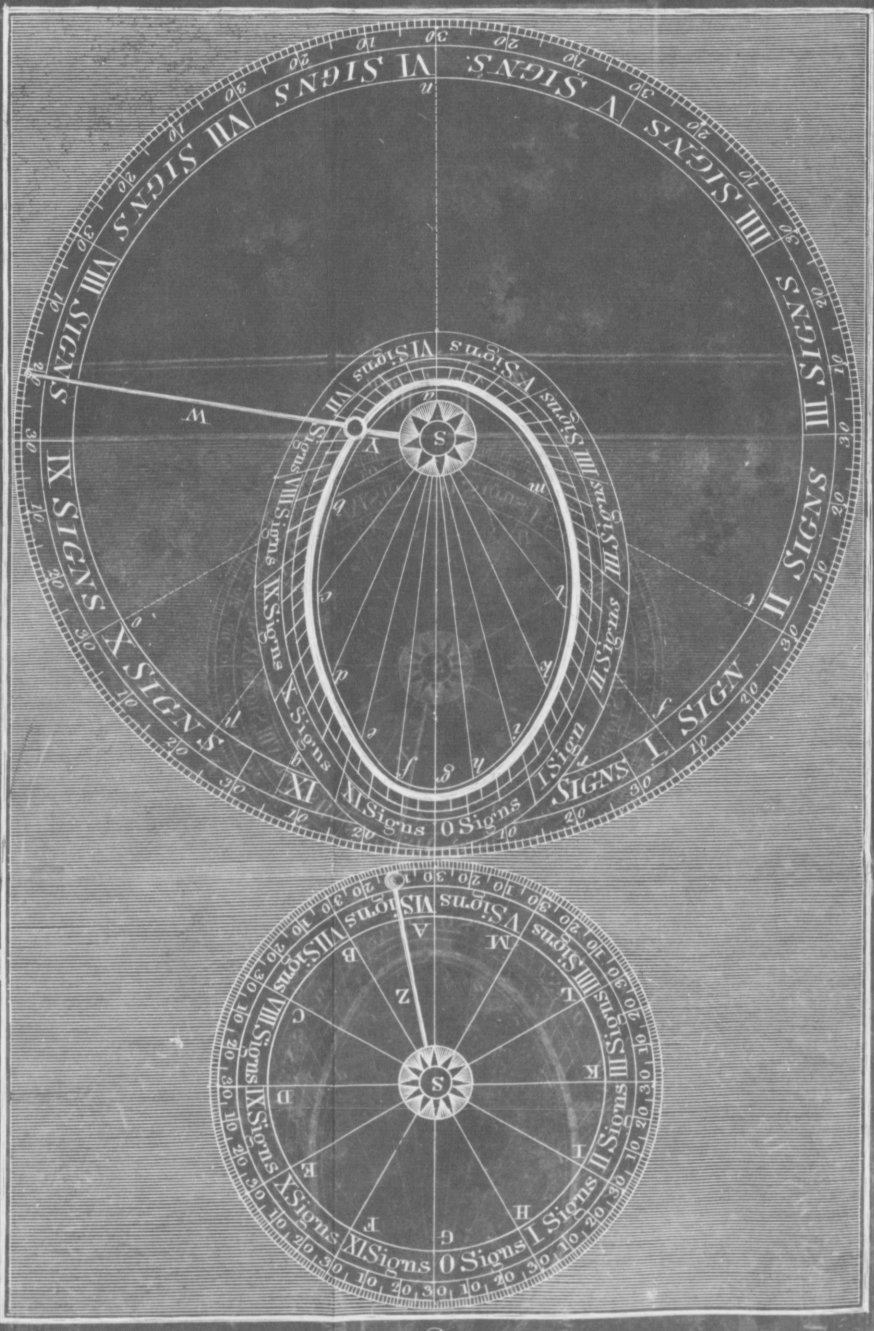
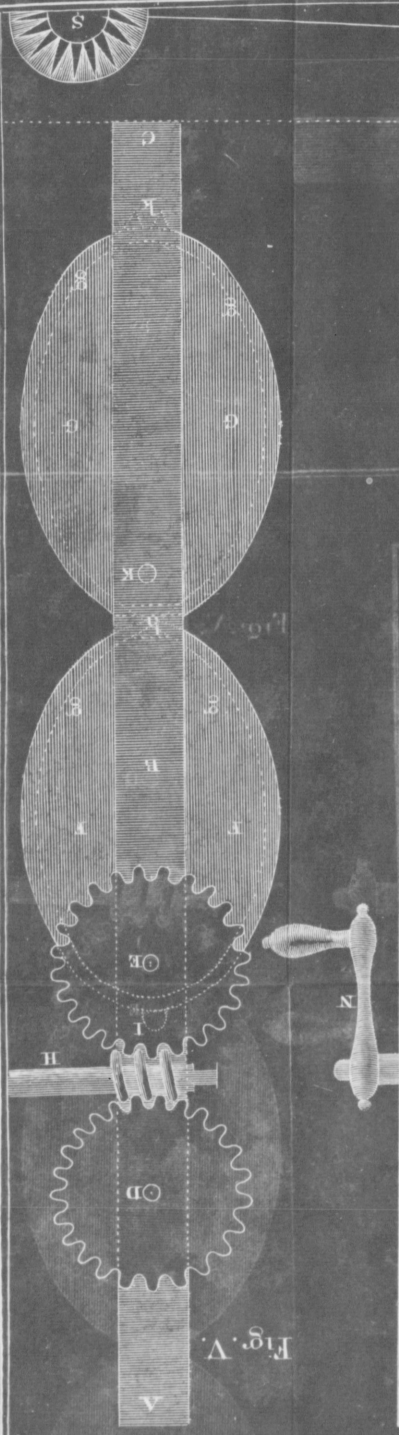


Fig. III.





The Conjectarium Fig. III.

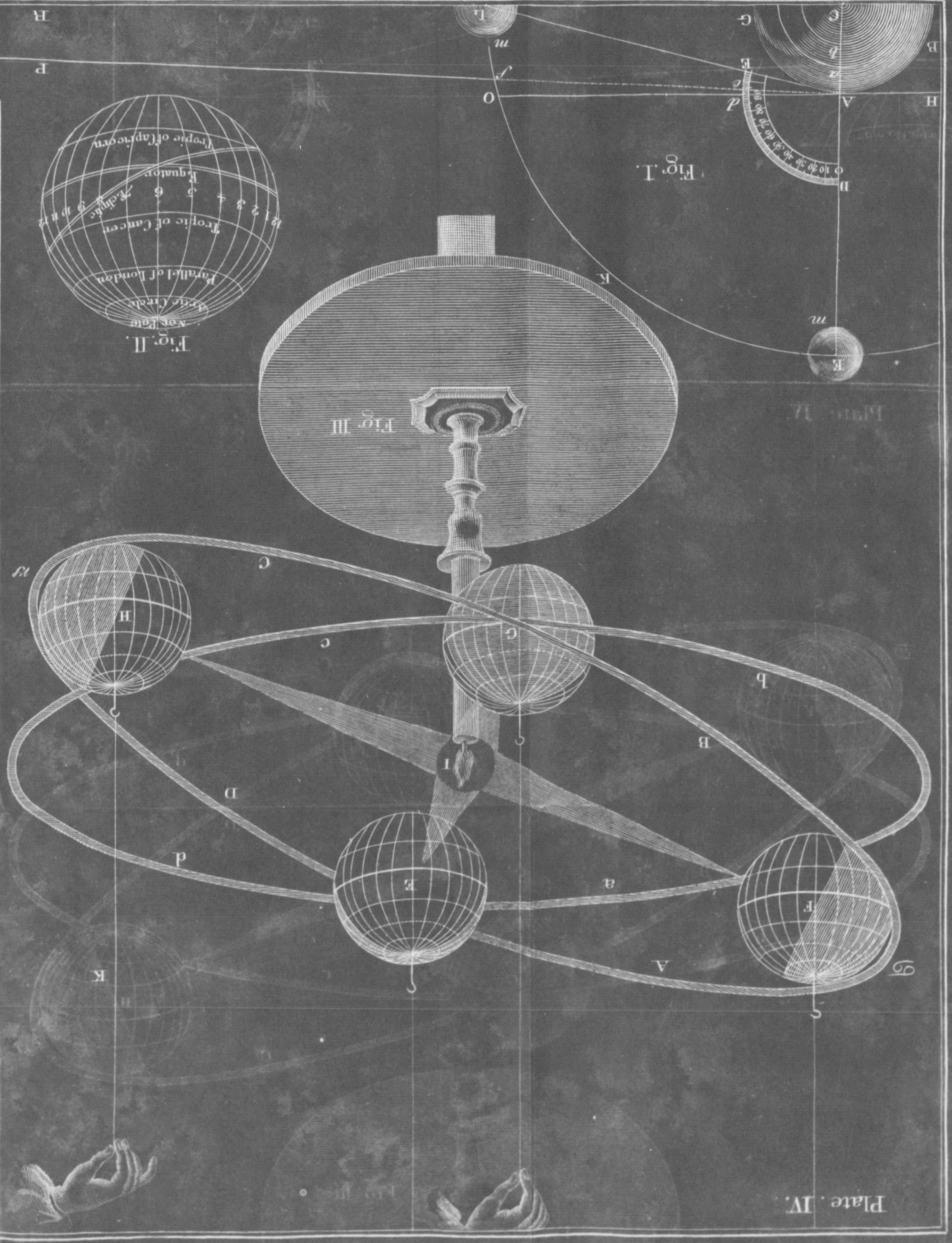


Plate. IV.

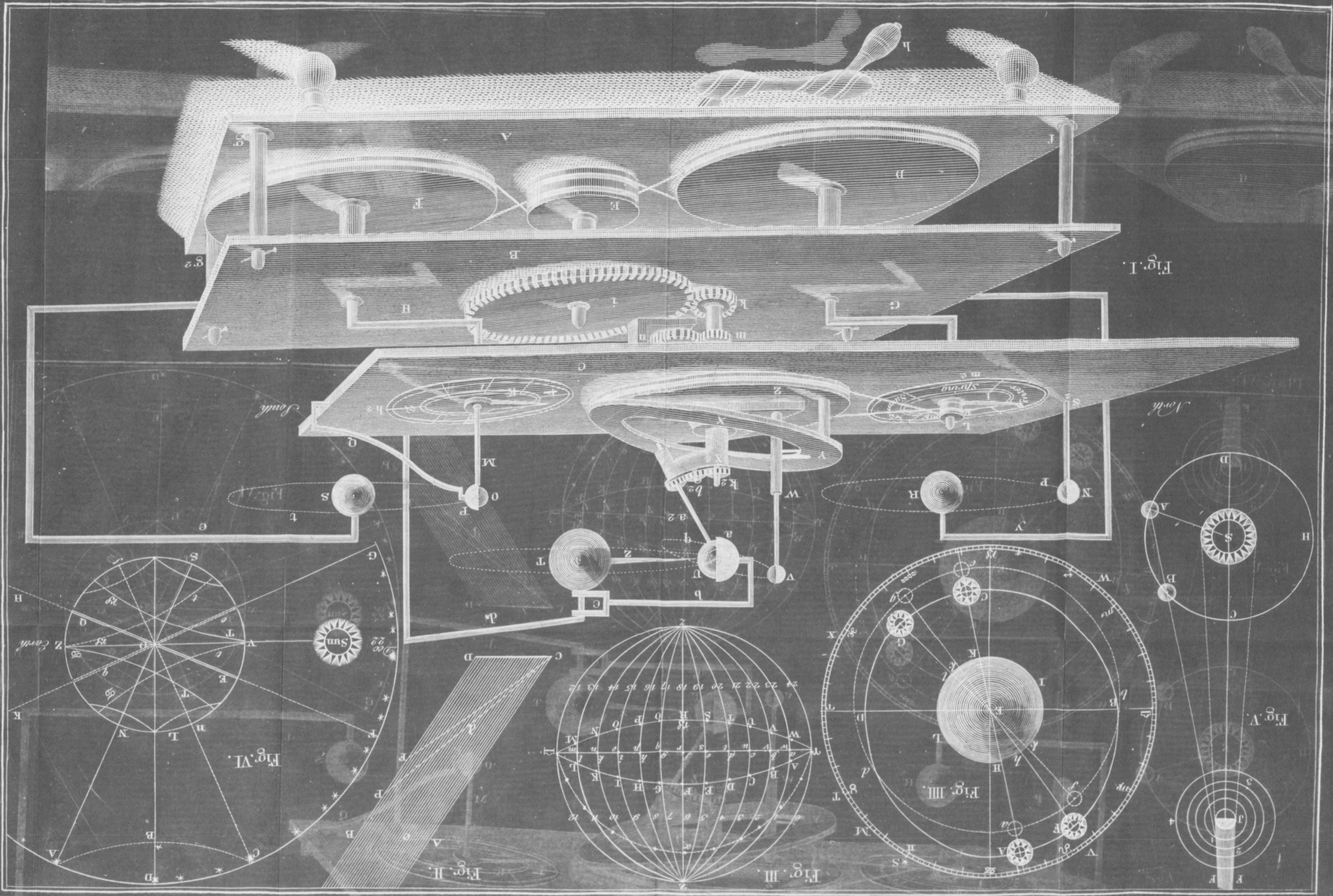


Fig. I.

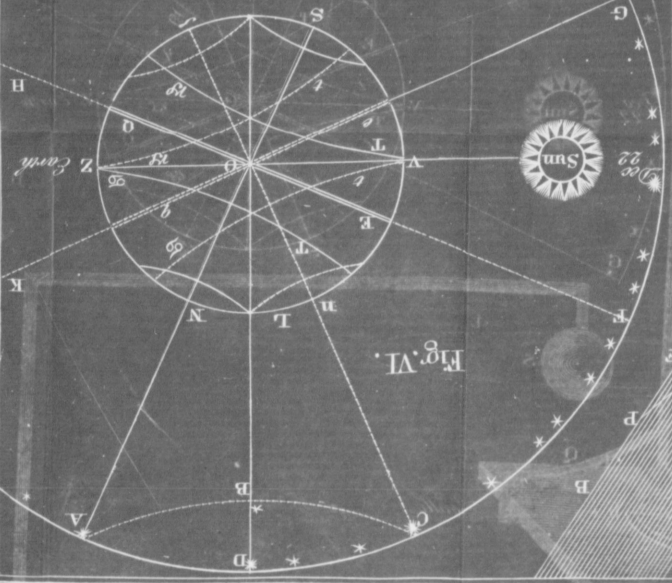


Fig. VI.

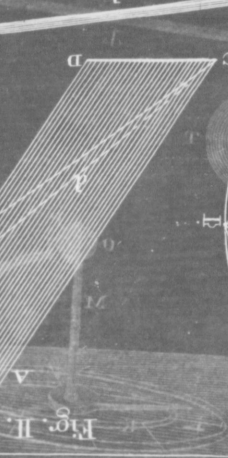


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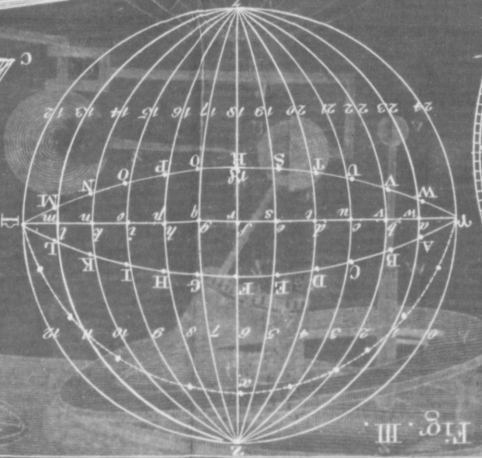


Fig. III.

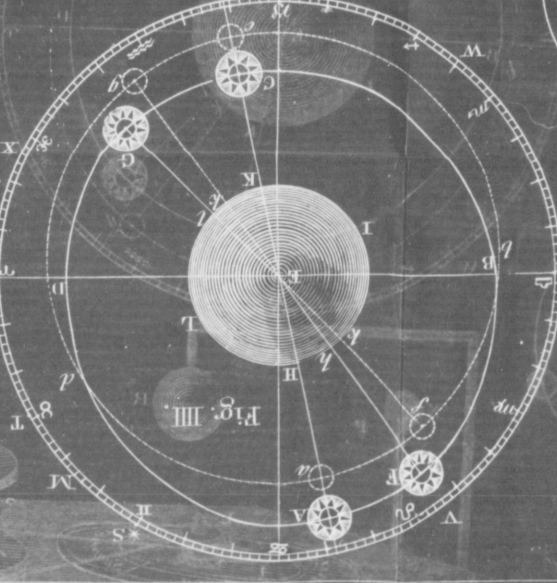


Fig. III.

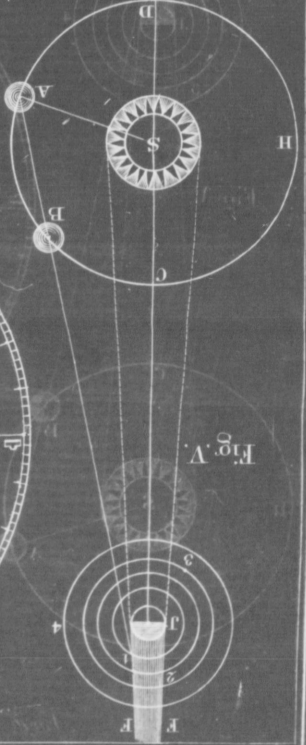


Fig. V.

TRAFECTORIUM LUNARE

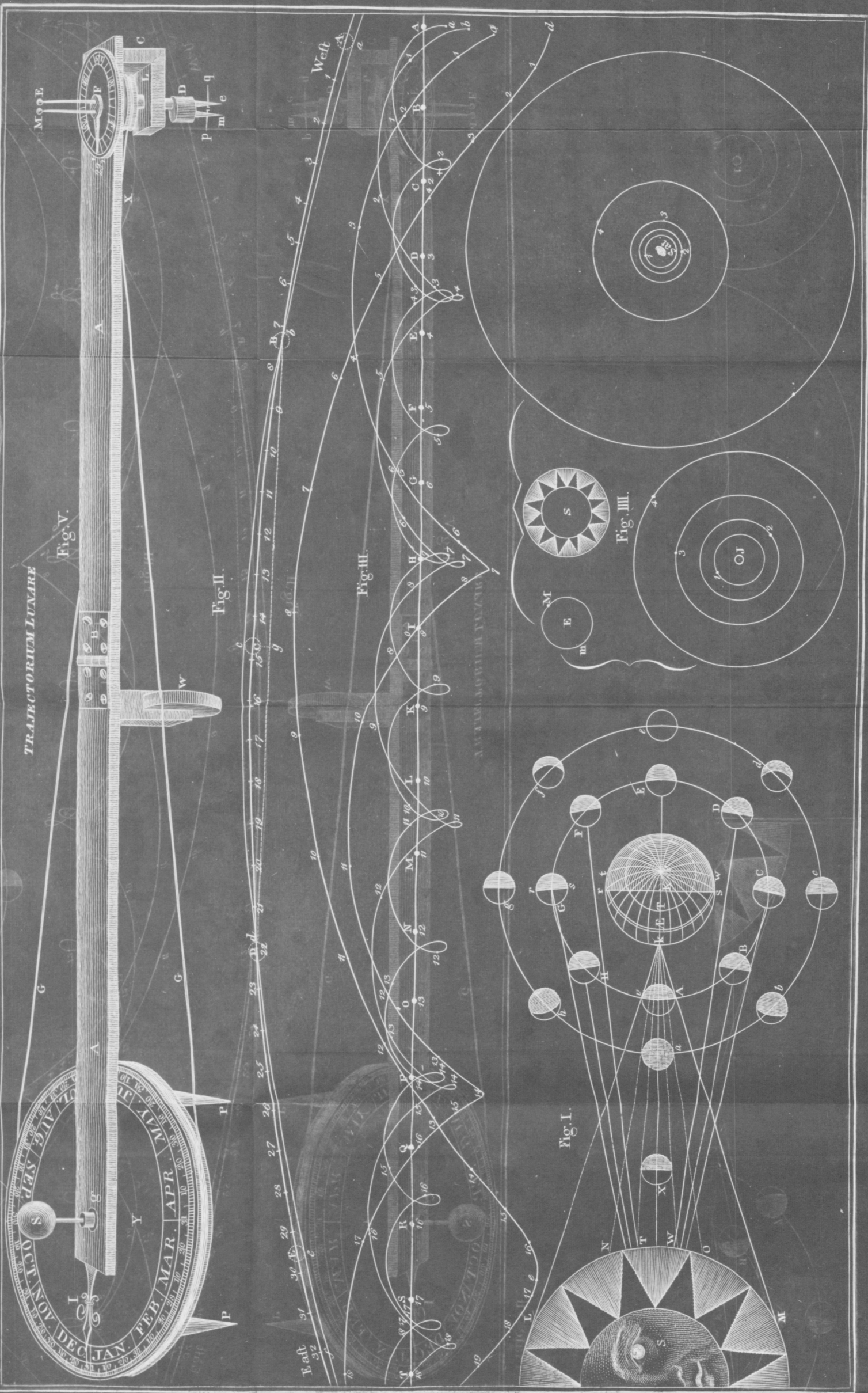


Fig.V.

Fig.II.

Fig.III.

Fig.I.

Fig.IV.

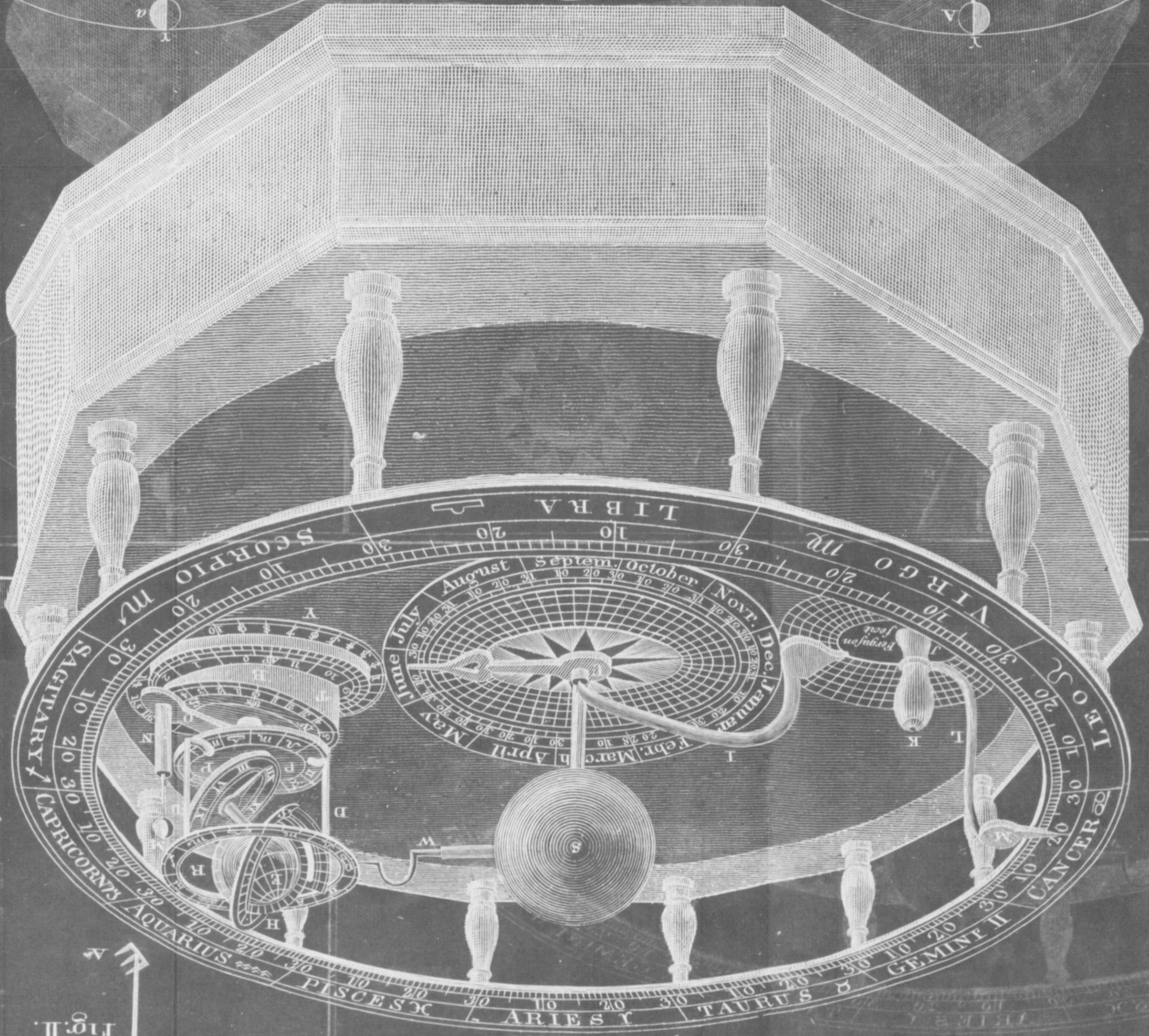


Fig. I.

THE CALCULATOR

Fig. I.

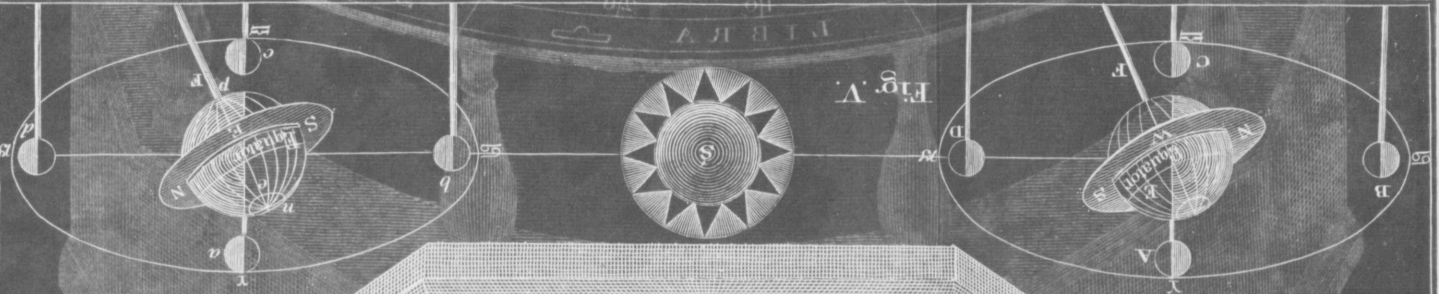


Fig. V.

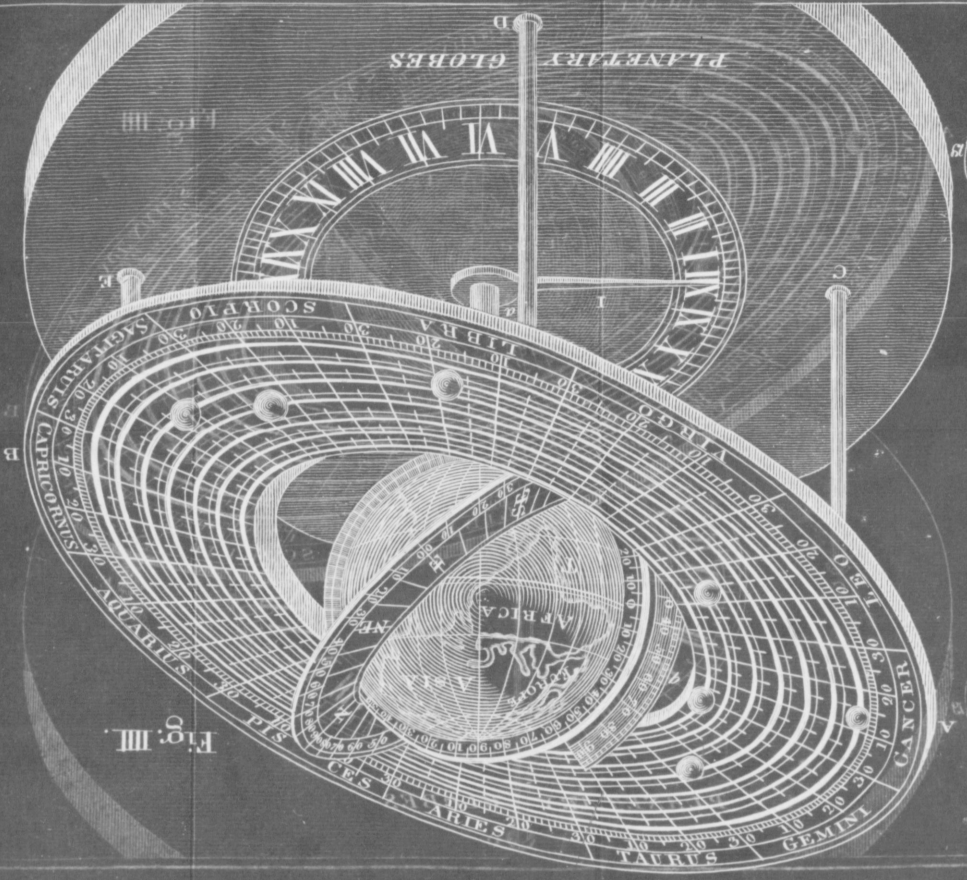


Fig. III.

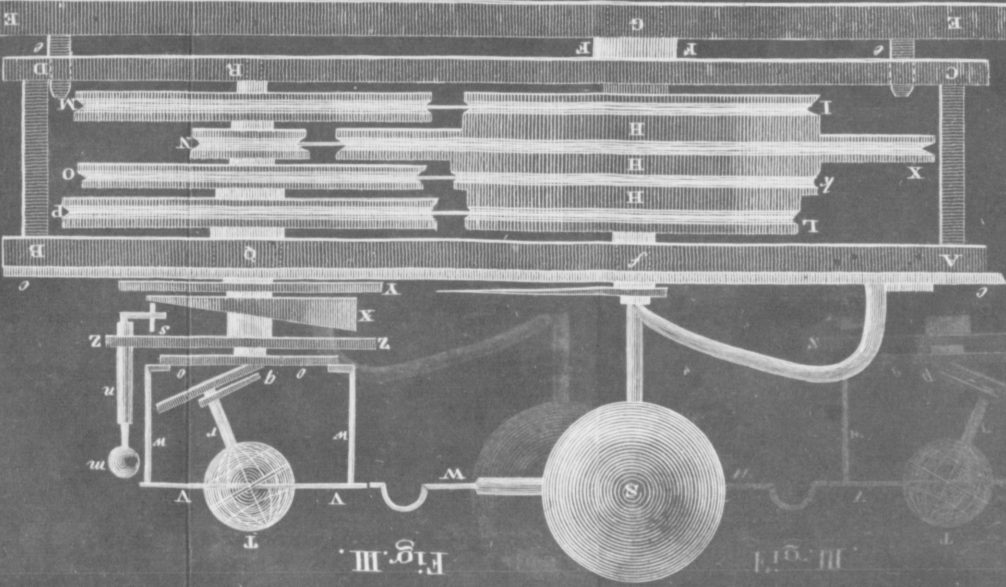


Fig. II.

Fig. III.

Plate IX.

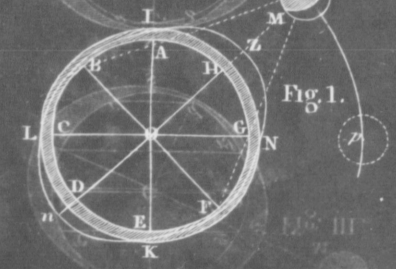


Fig. I.

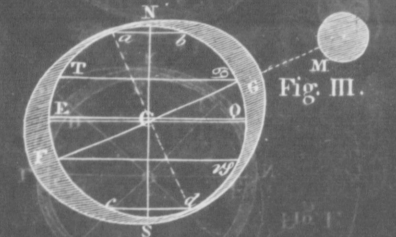


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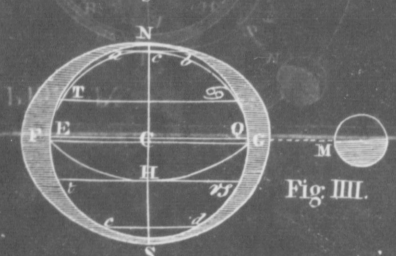


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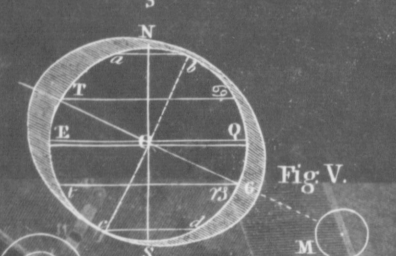


Fig. IV.

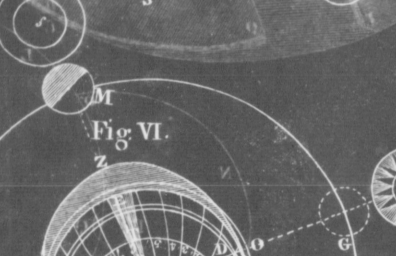


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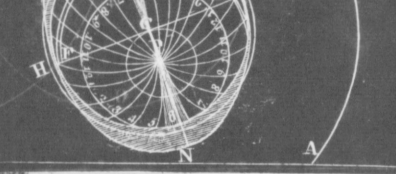


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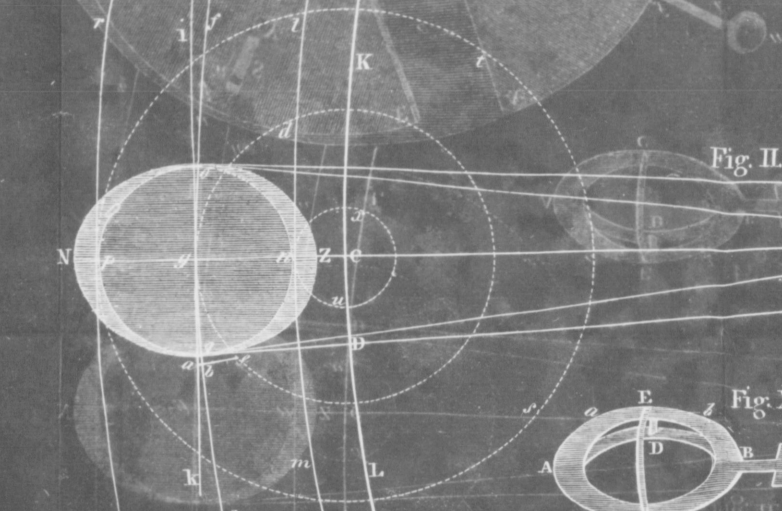


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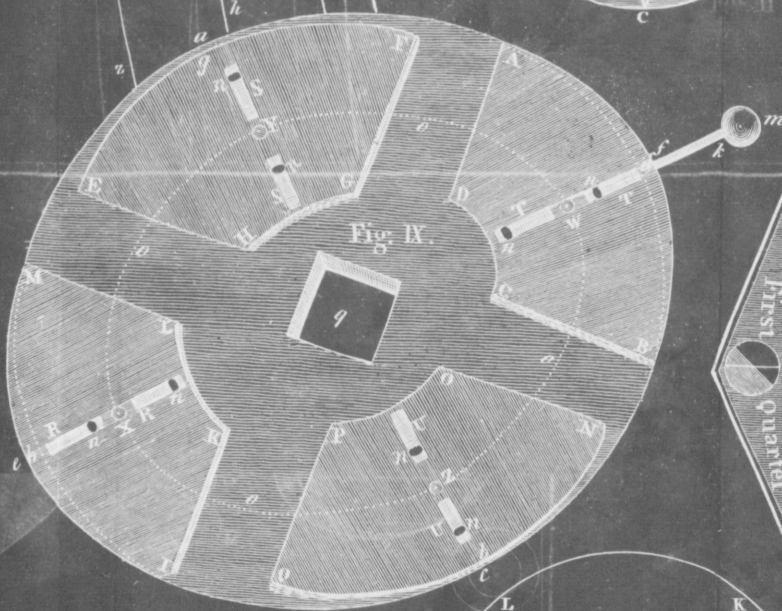


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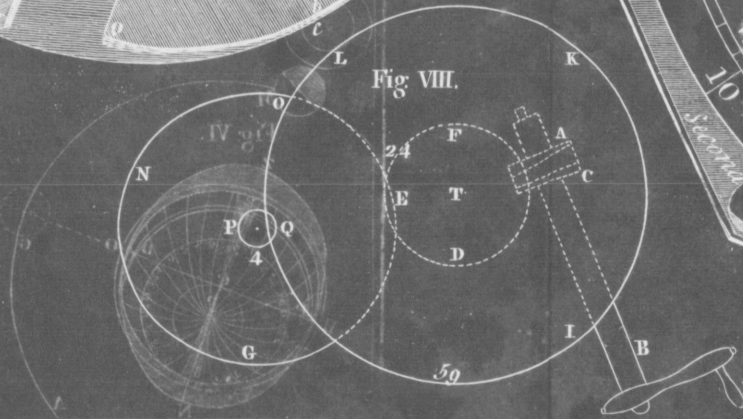


Fig. IX.

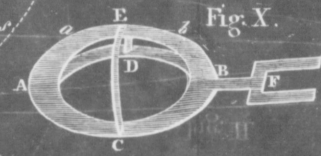
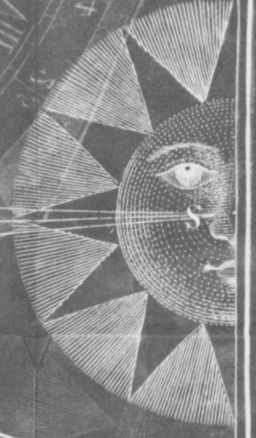
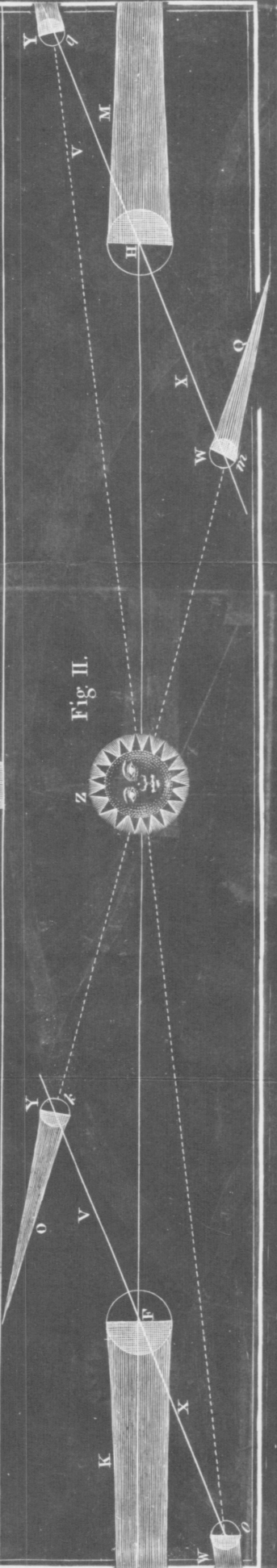
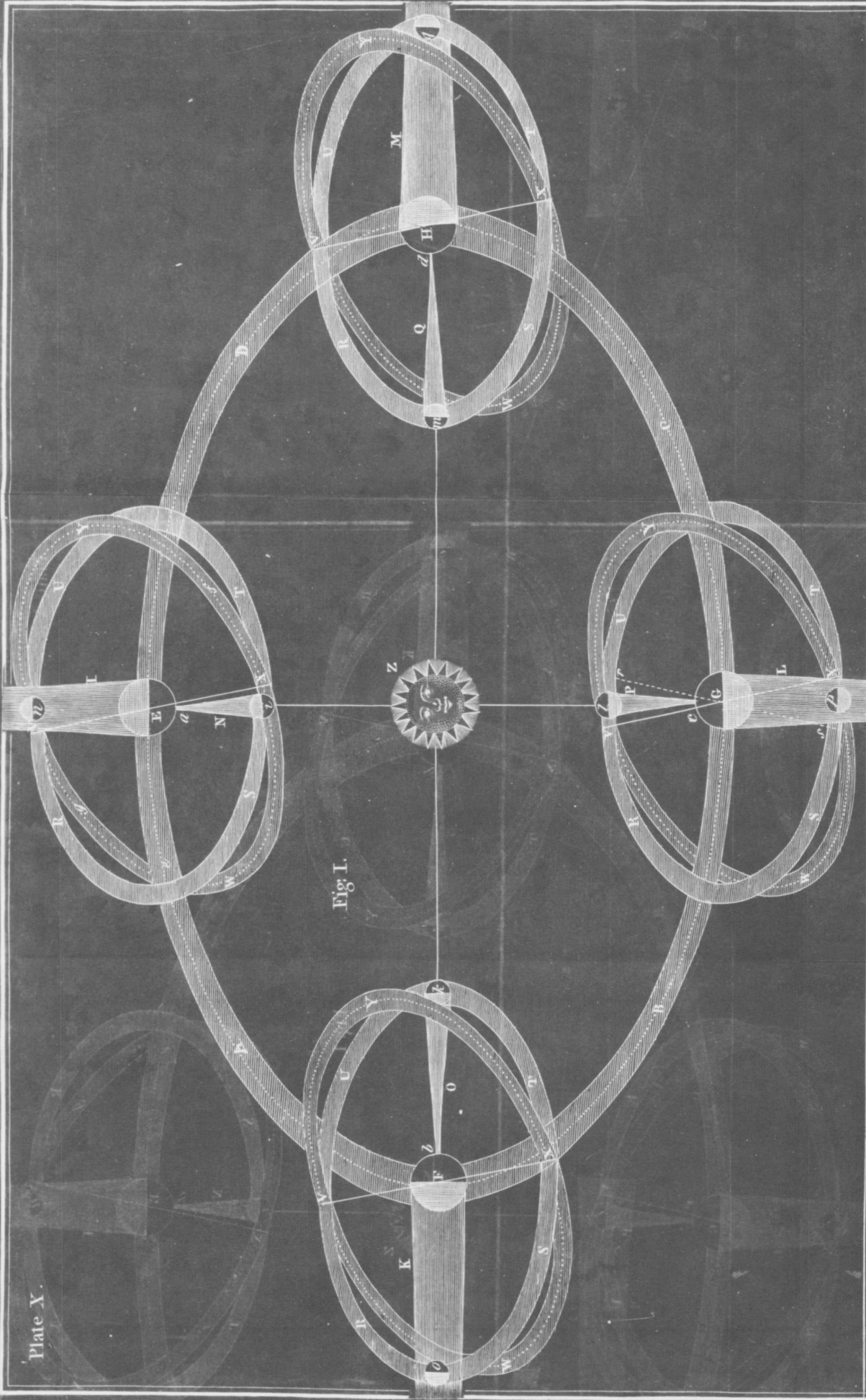


Fig. X.



Fig. XI.





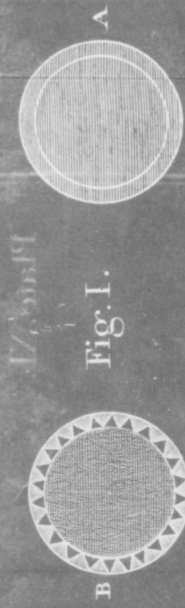


Fig. I.

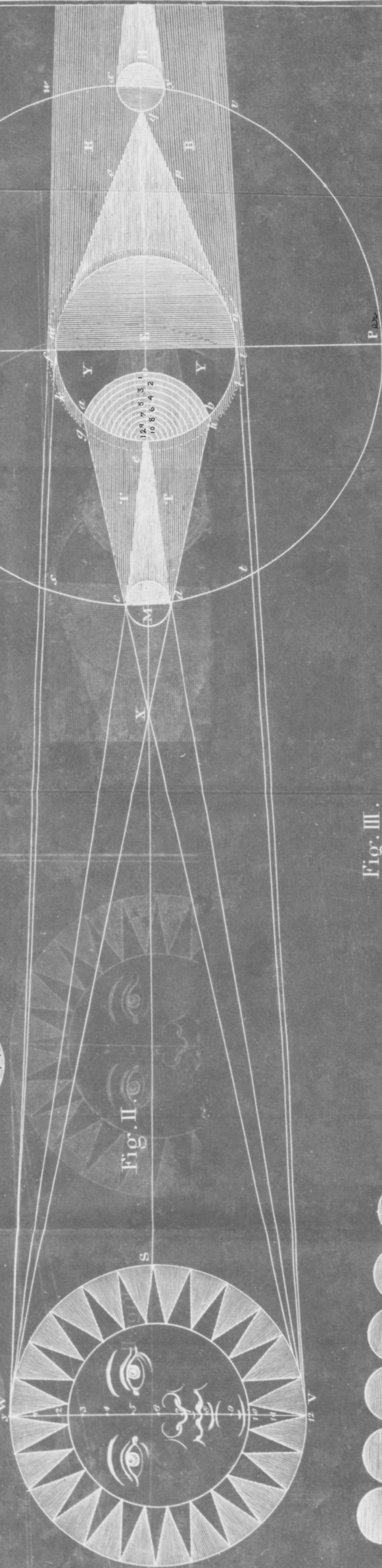


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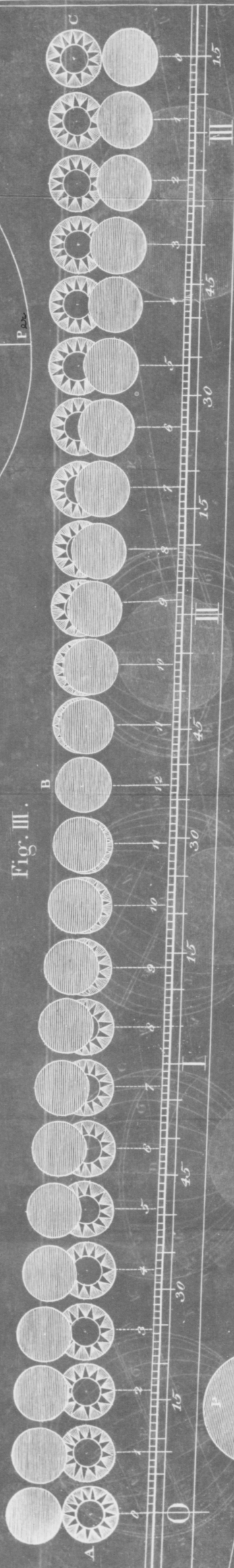


Fig. III.

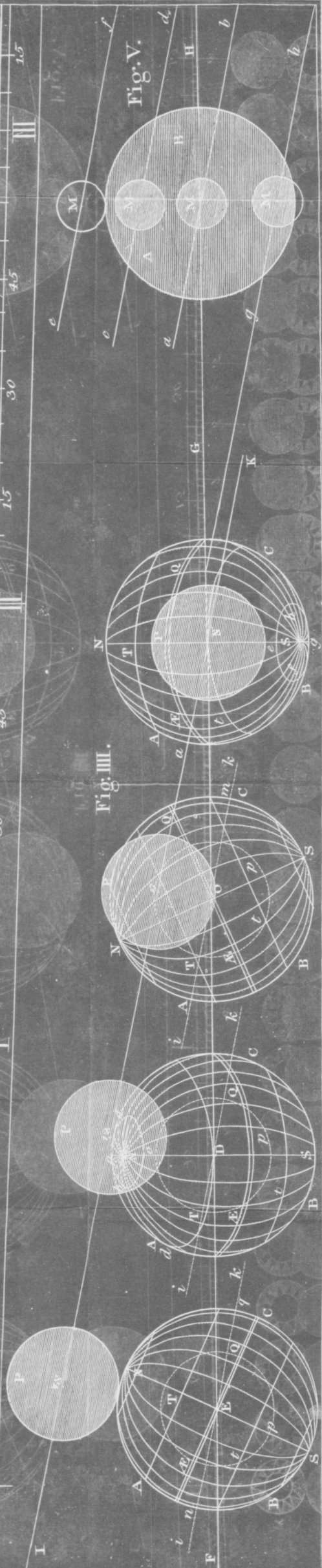


Fig. IV.

Fig. V.

The Geometrical Construction of SOLAR and LUNAR ECLIPSES

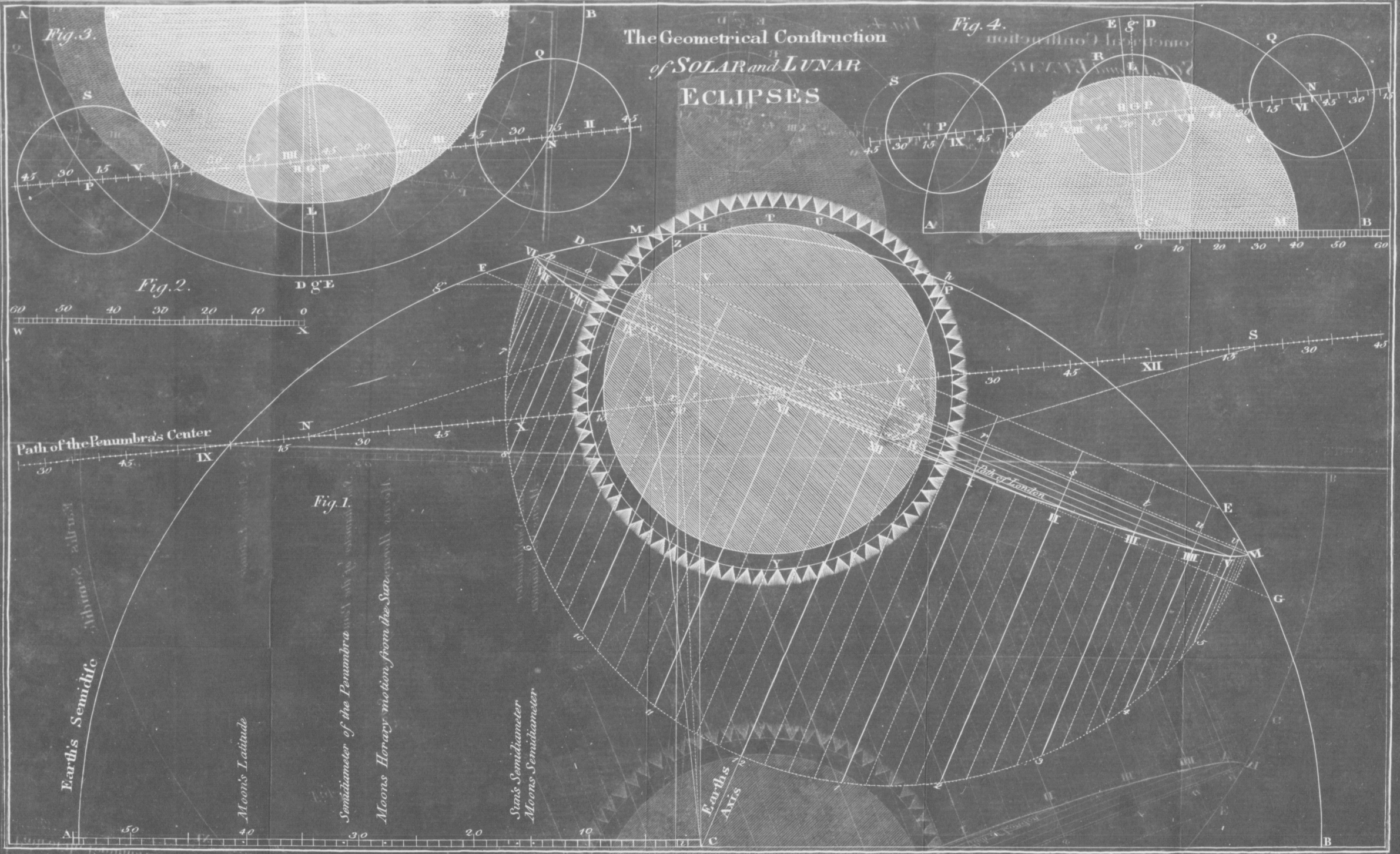


Fig. 3.

Fig. 4.

Fig. 2.

Fig. 1.

Earth's Semidiameter

Moon's Latitude

Semidiameter of the Penumbra

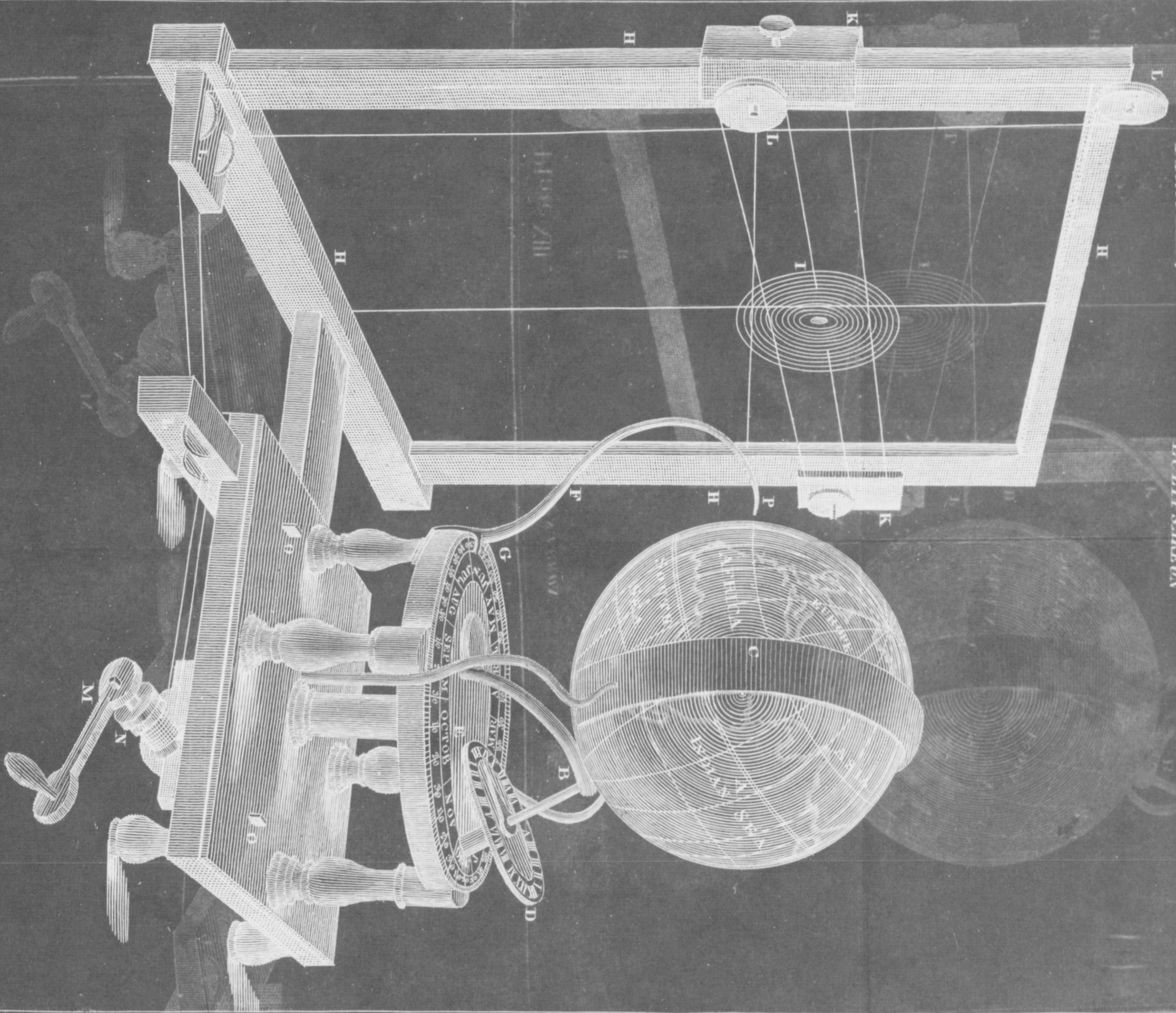
Moon's Hourly motion from the Sun

Sun's Semidiameter
Moon's Semidiameter

Earth's Axis

Path of the Penumbra's Center

Path of London



THE SOLAR SYSTEM

Plate I.

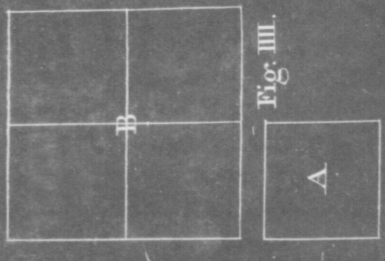
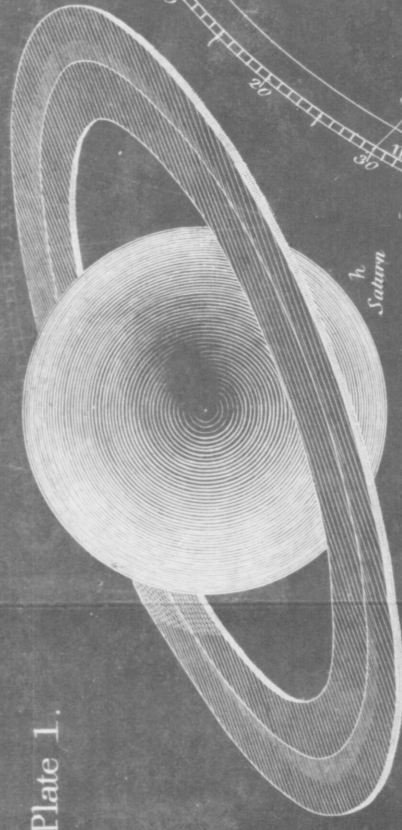


Fig. III.



Saturn

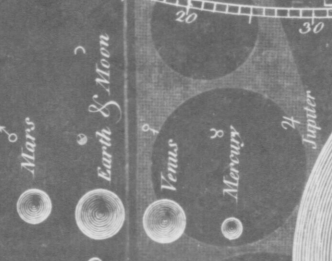


Fig. V.

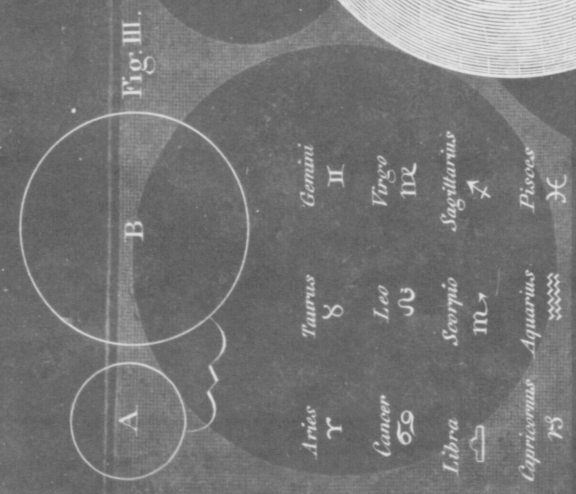


Fig. III.

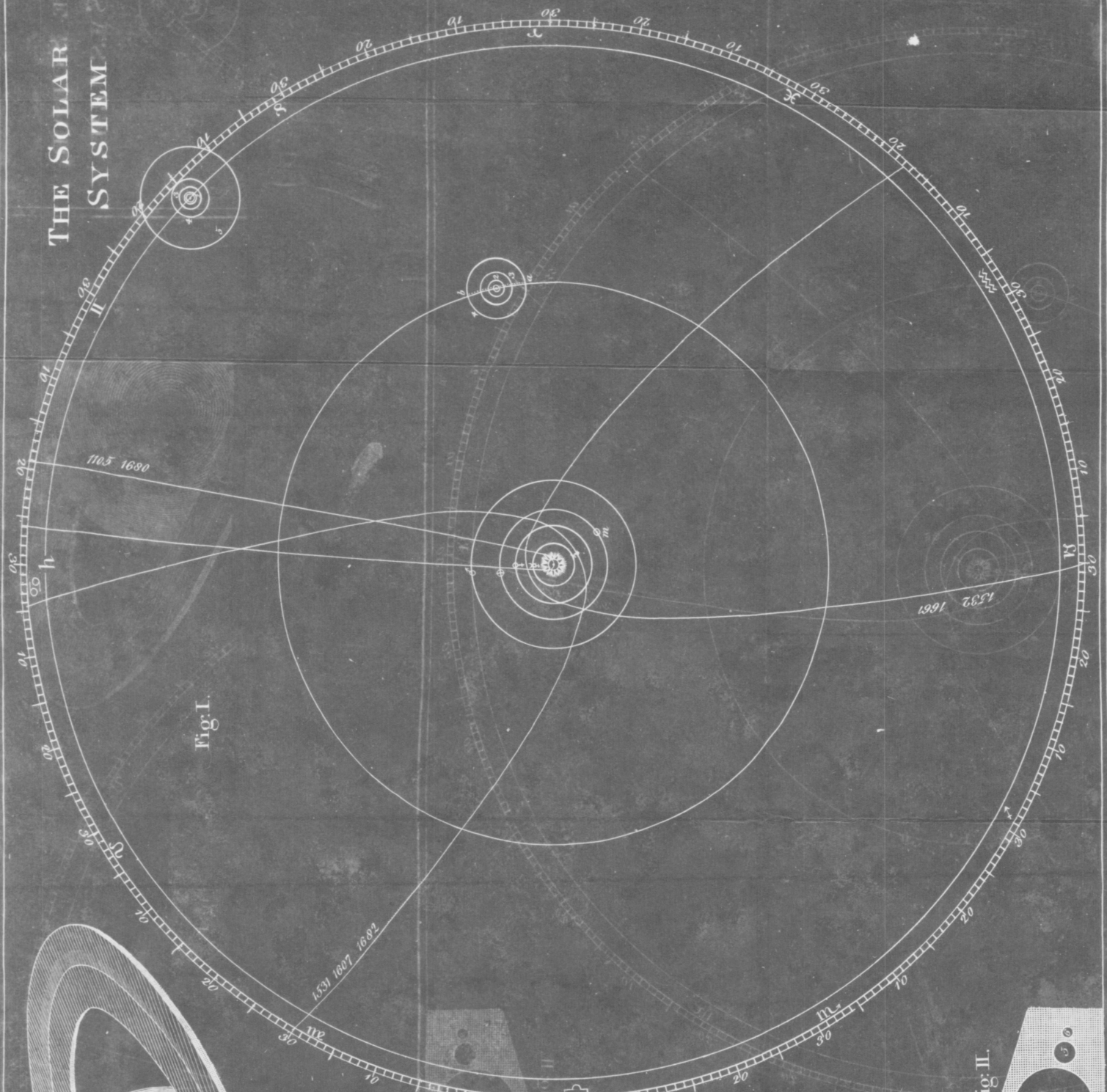


Fig. I.

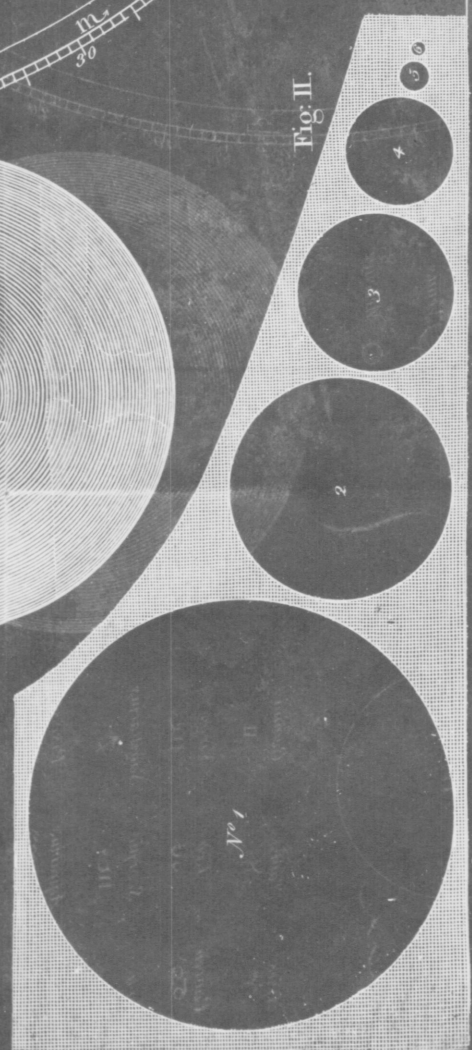
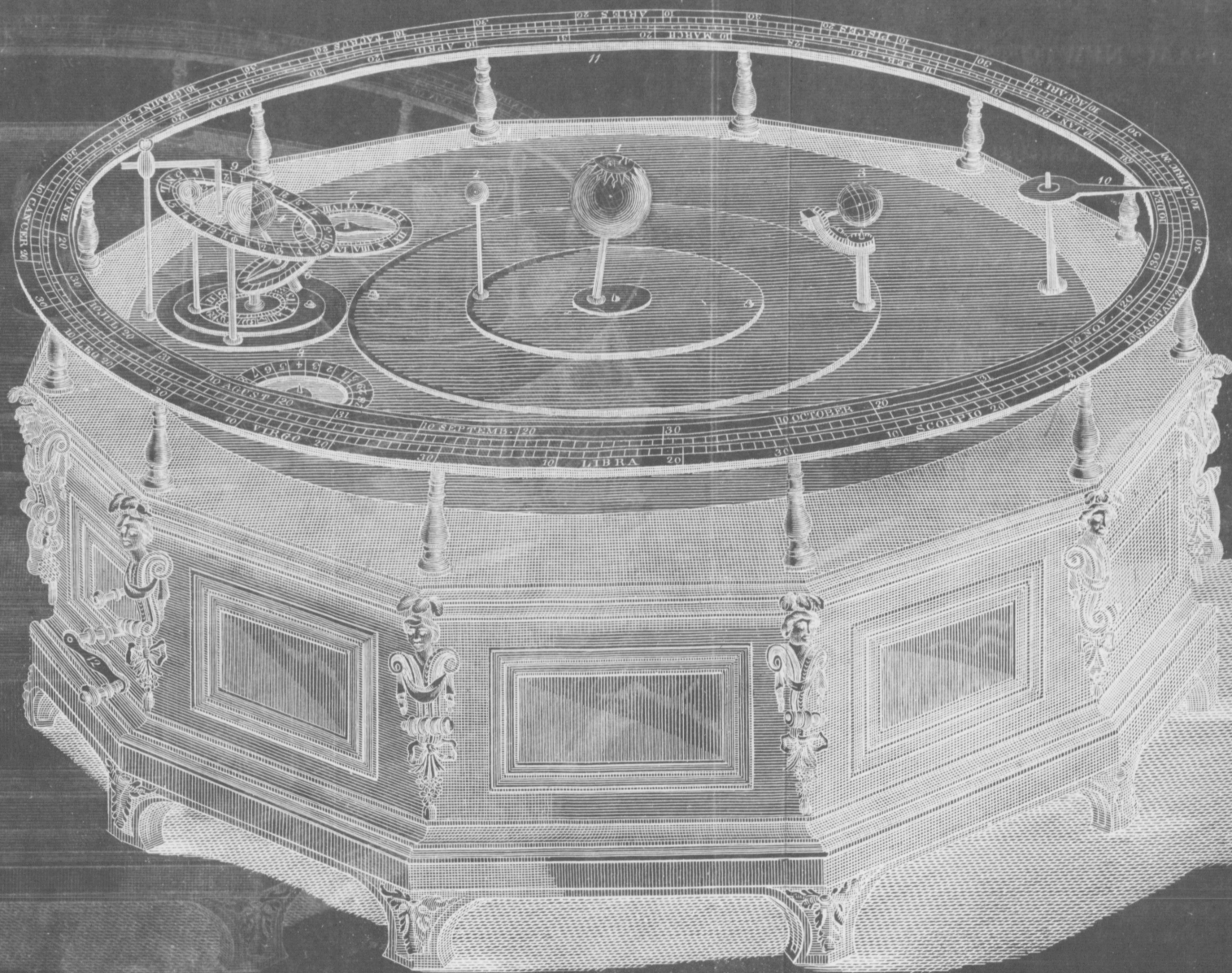


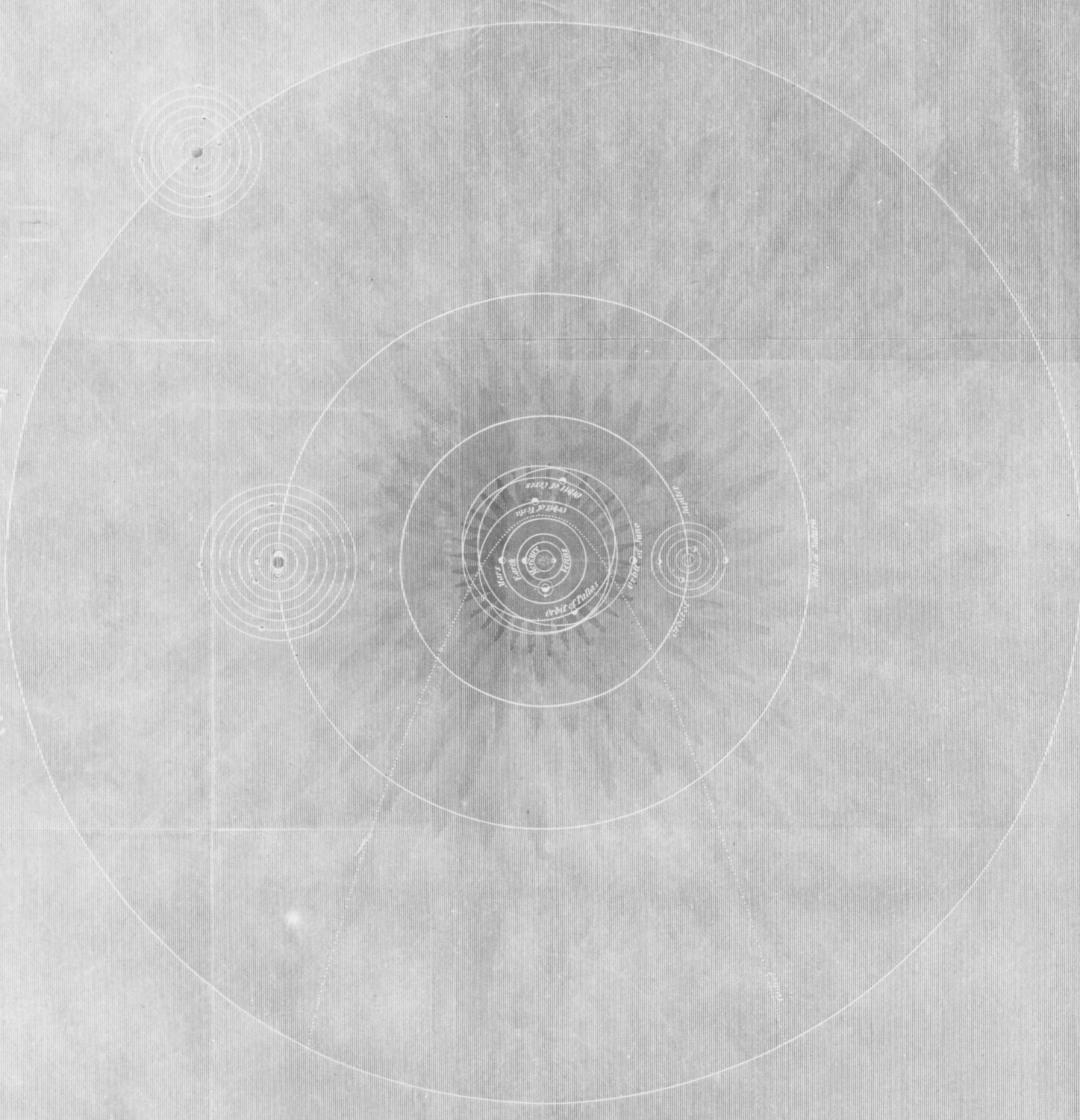
Fig. II.

The ORRERY, made by JAMES FERGUSON.



N^o 1 The Sun, 2 Mercury, 3 Venus, 4 The Earth, 5 The Moon, 6 The Sydereal Dial plate 7 The Hour Circle, 8 The Circle for the Moon's Age 9 The Moon's Orbit, 10 The Pointer, shewing the Sun's Place & Day of the Month, 11 The Ecliptic, 12 The Handle for turning the whole Machine.

PLAN OF THE SOLAR SYSTEM



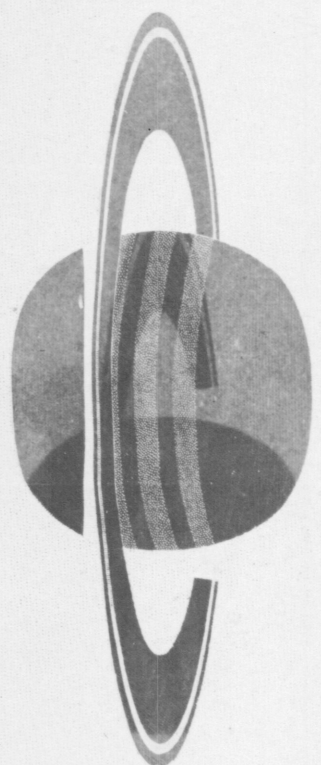


Fig. 7

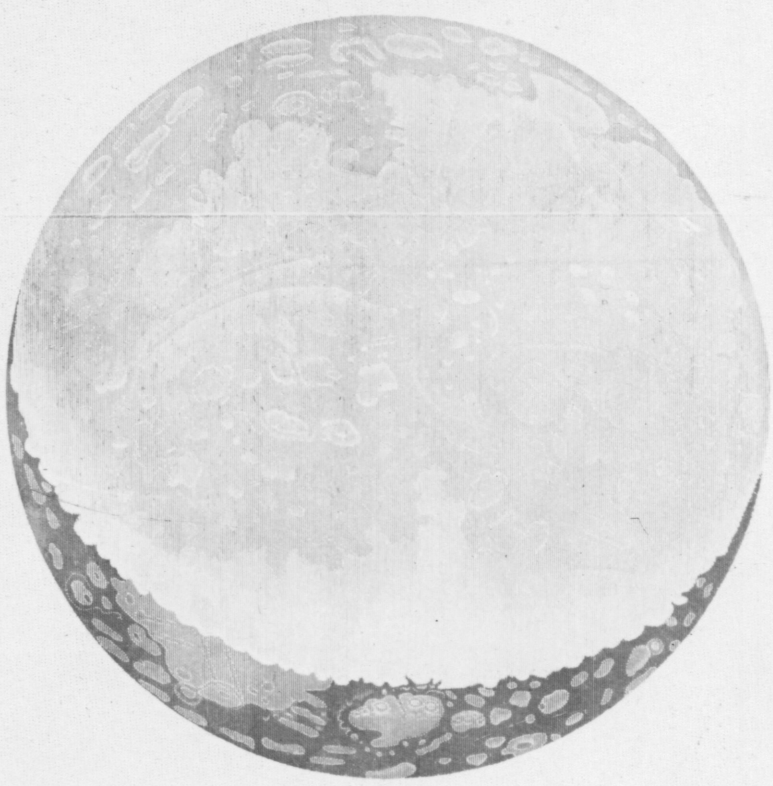


Fig. 9

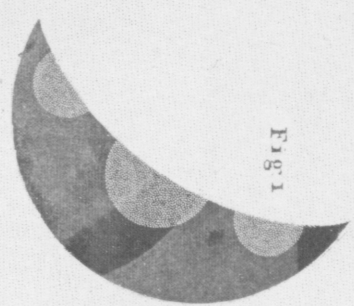


Fig. 1



Fig. 2

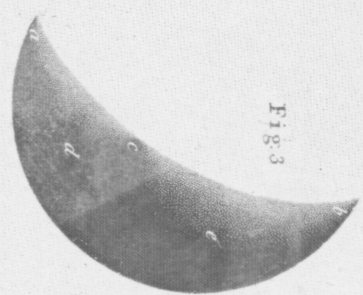


Fig. 3



Fig. 4



Fig. 5

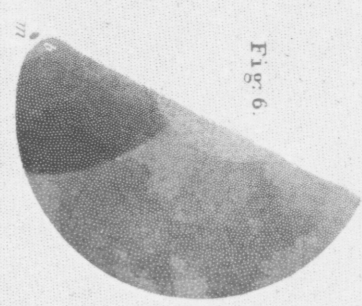


Fig. 6

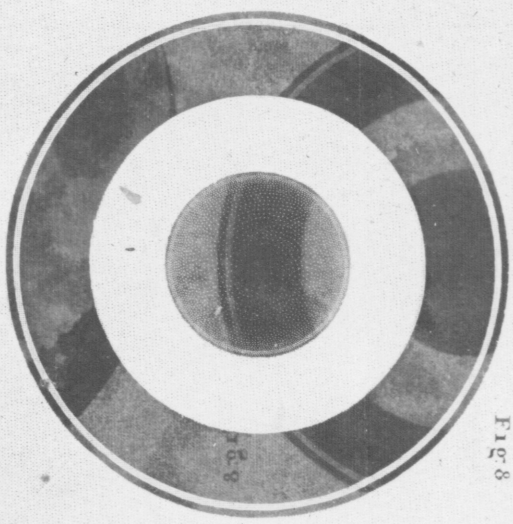


Fig. 8



Fig. 1.

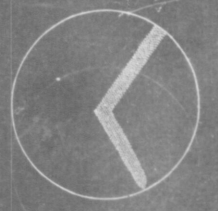


Fig. 2.



Fig. 3.

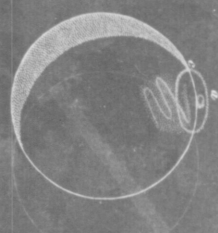


Fig. 4.

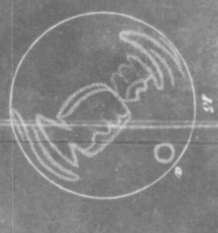


Fig. 5.



Fig. 6.

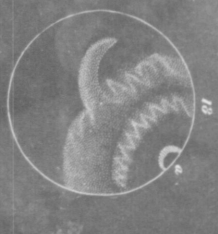


Fig. 7.

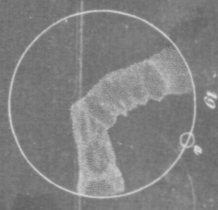


Fig. 8.

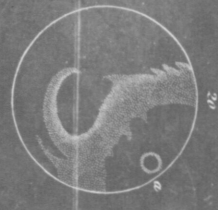


Fig. 9.

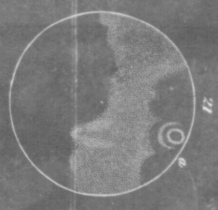


Fig. 10.

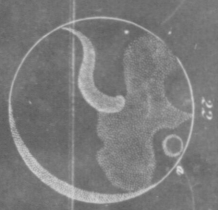


Fig. 11.

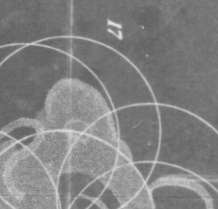


Fig. 12.

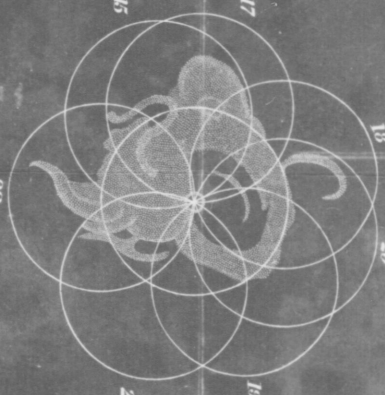


Fig. 13.



Fig. 14.



Fig. 15.

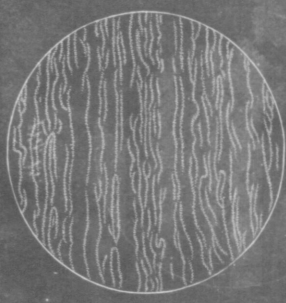


Fig. 16.

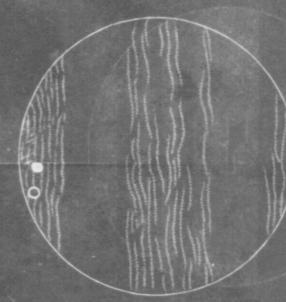


Fig. 17.

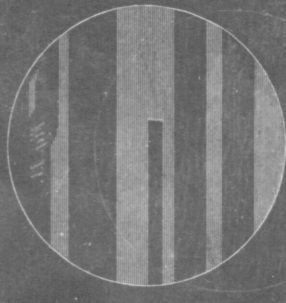


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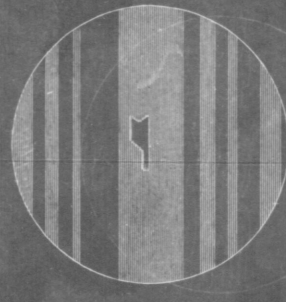


Fig. 19.

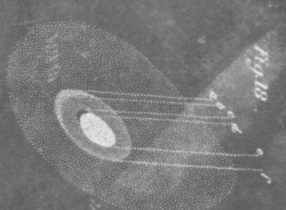


Fig. 20.

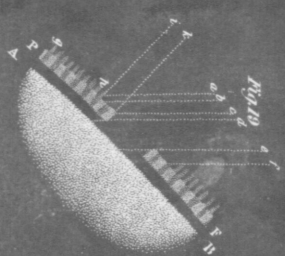


Fig. 21.



Fig. 22.



Fig. 23.



Fig. 24.



Fig. 25.



Fig. 26.



Fig. 27.

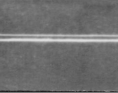


Fig. 28.

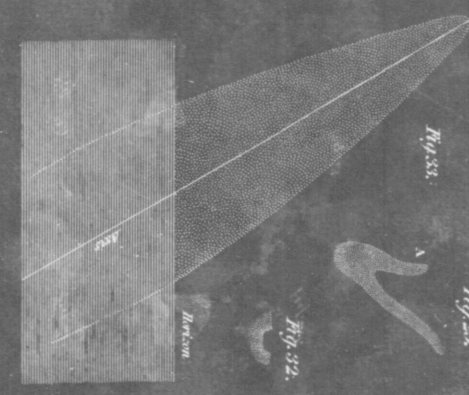


Fig. 29.

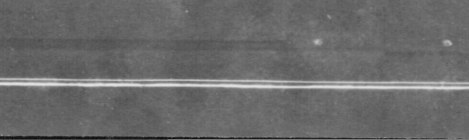


Fig. 30.

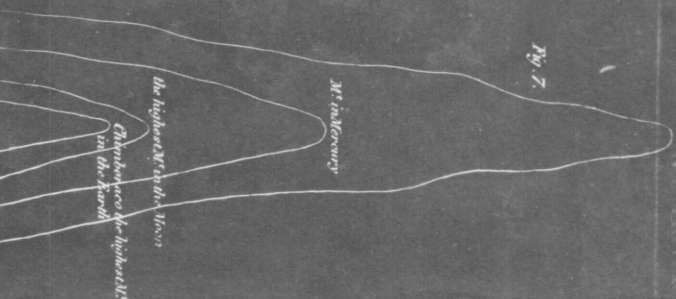
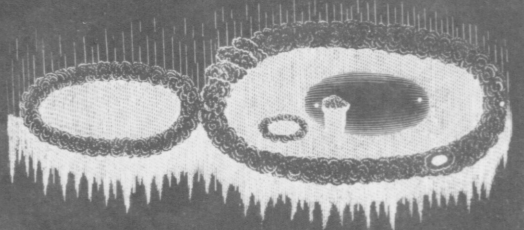
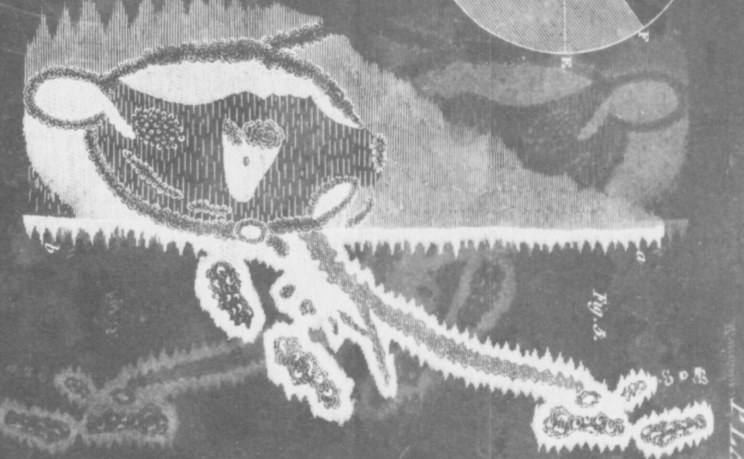
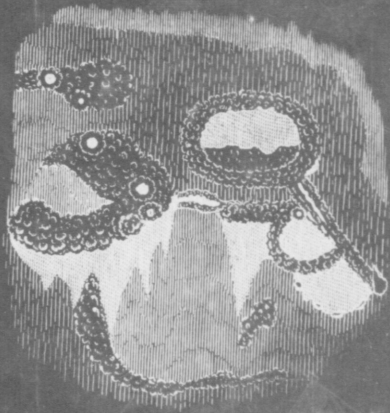
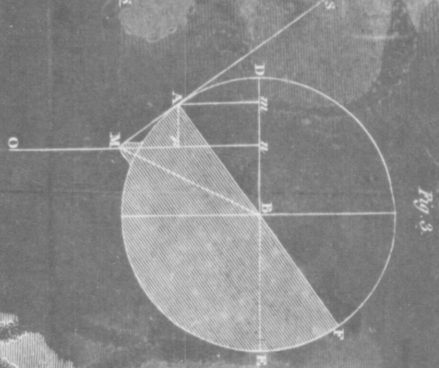
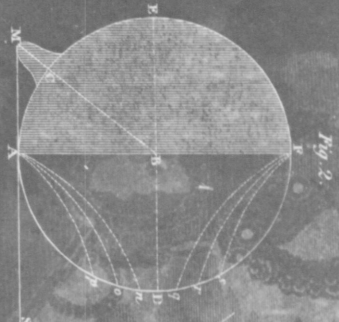
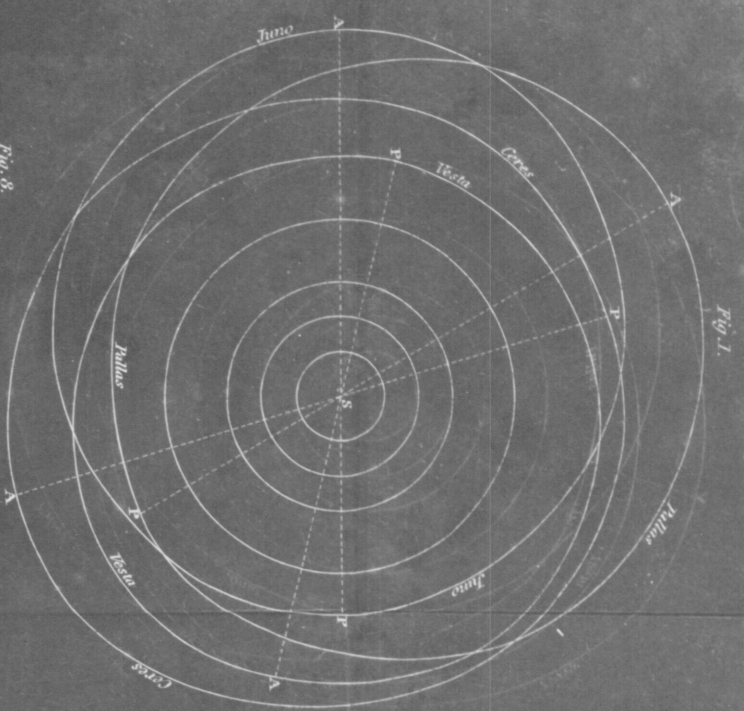
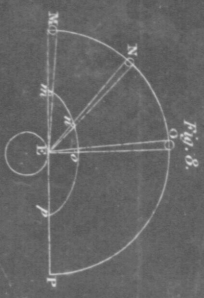
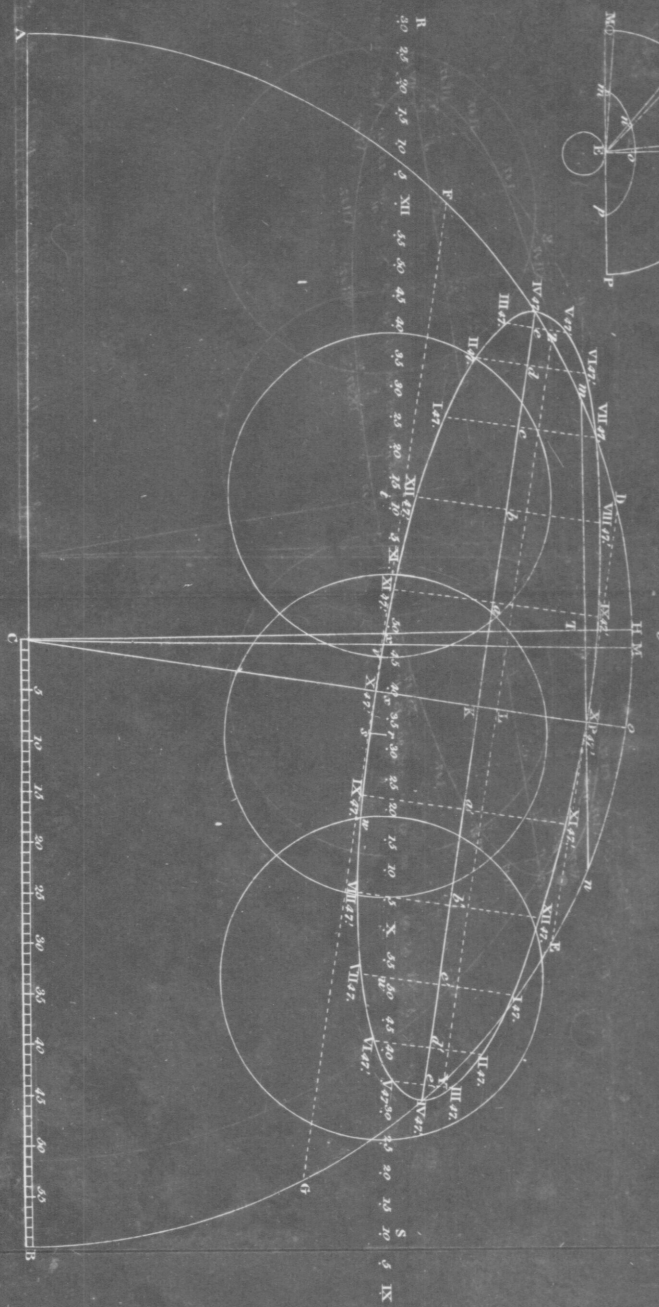
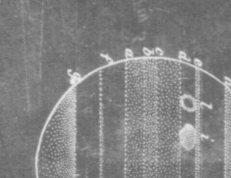
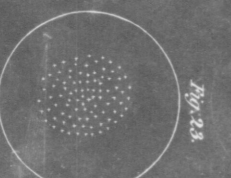
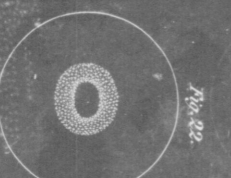
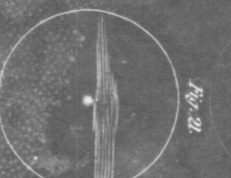
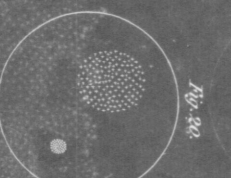
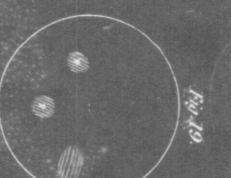
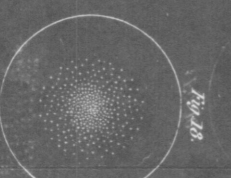
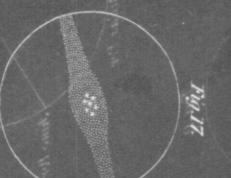
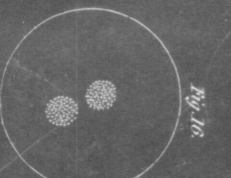
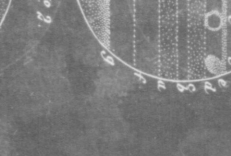
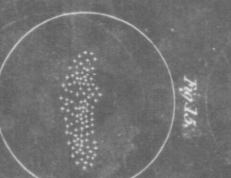
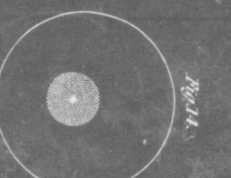
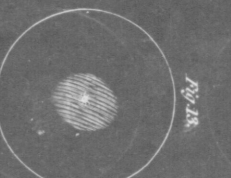
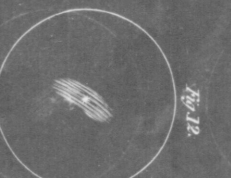
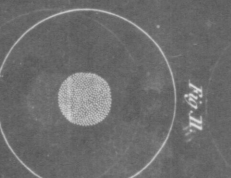
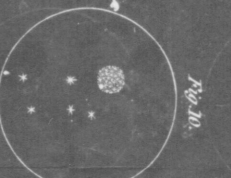
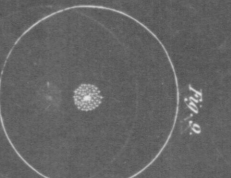
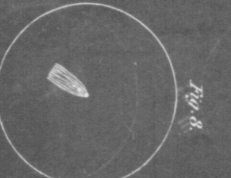
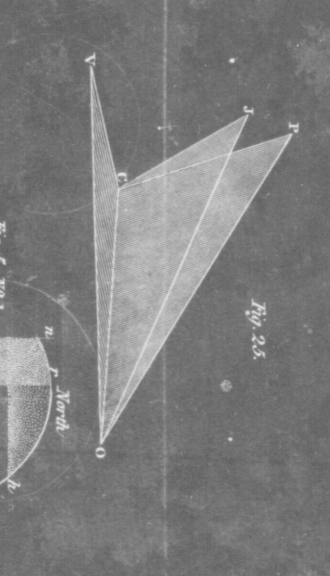
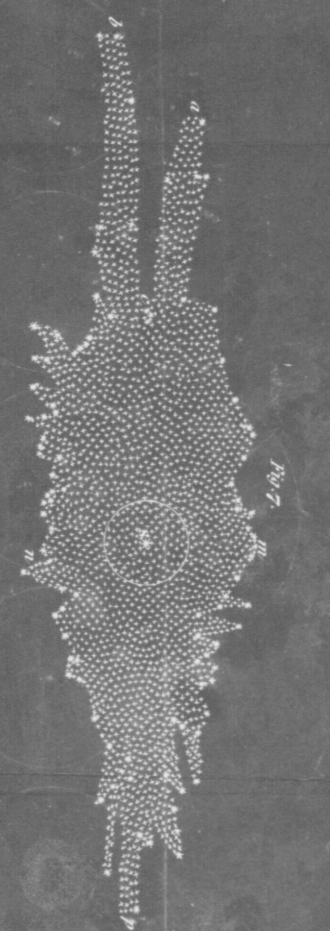
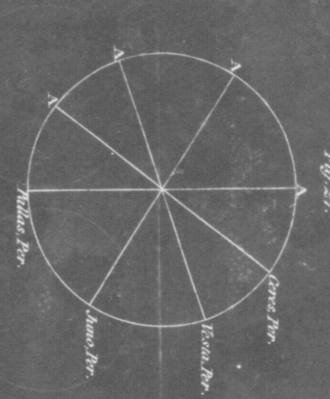
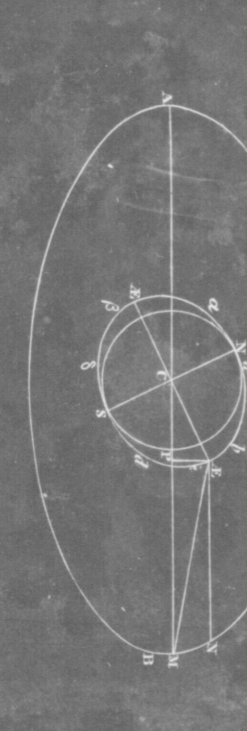
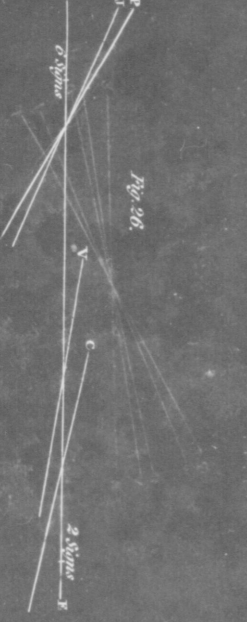
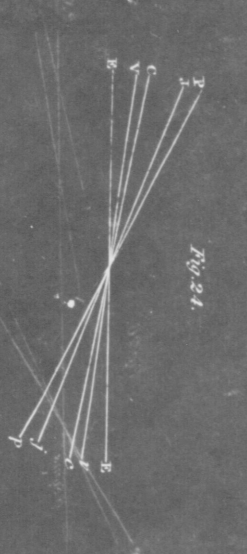
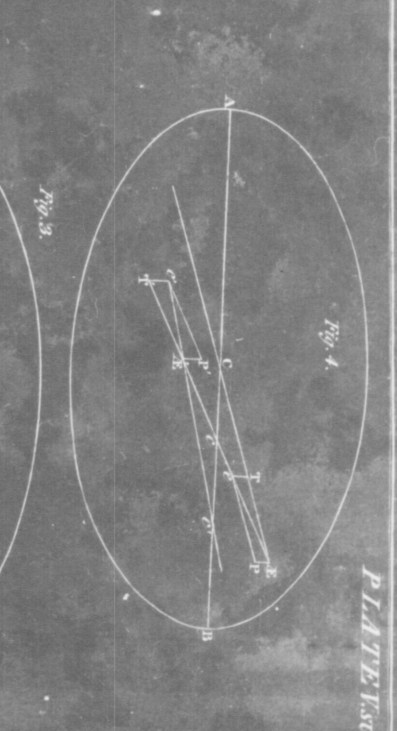
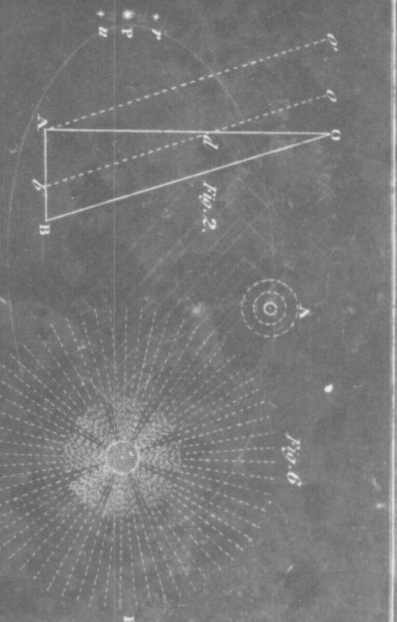
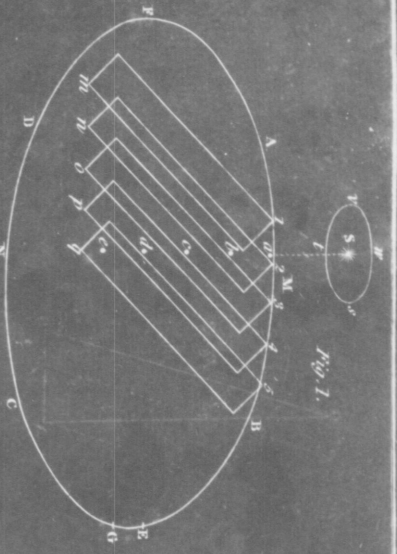
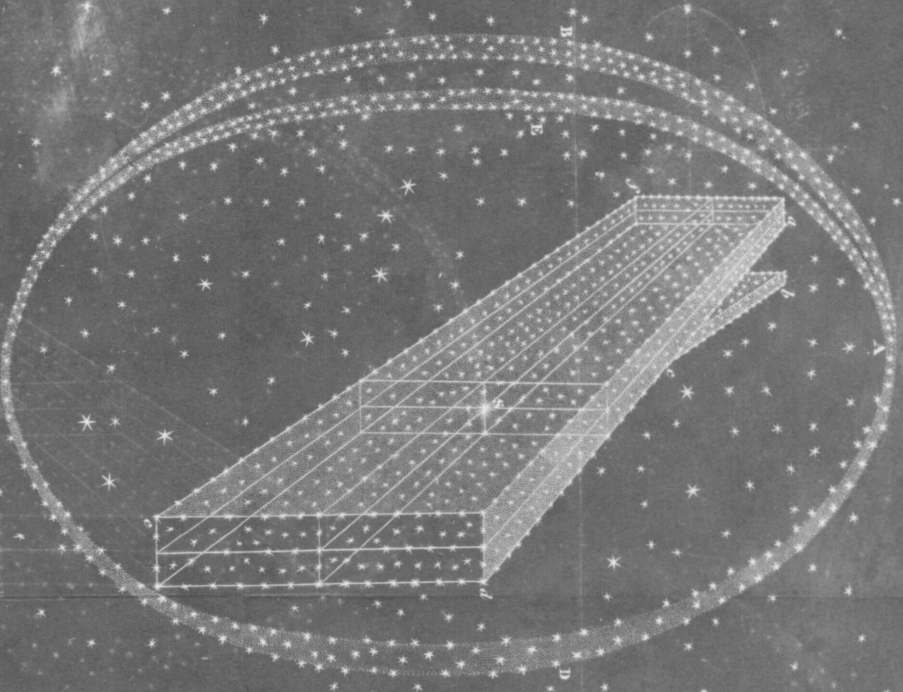
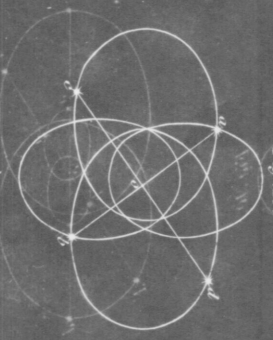
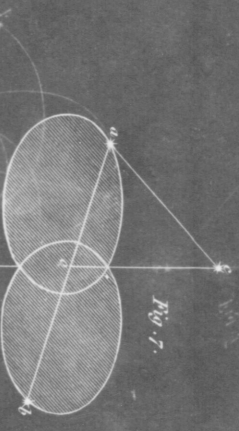
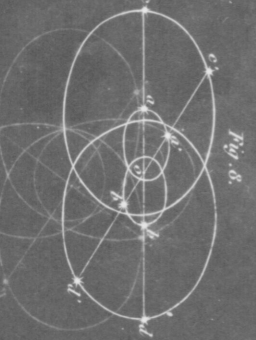
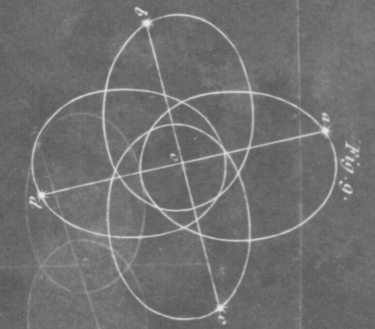
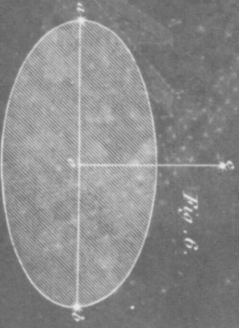
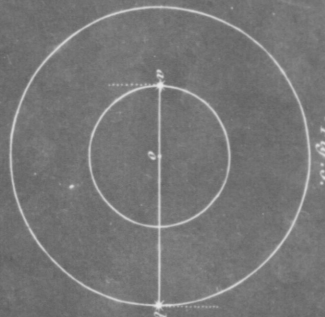
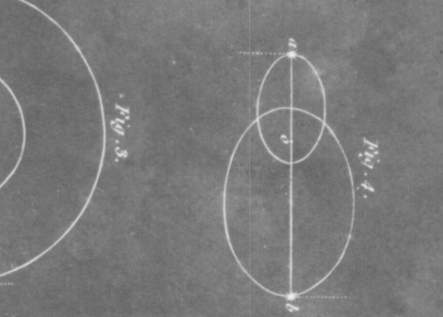
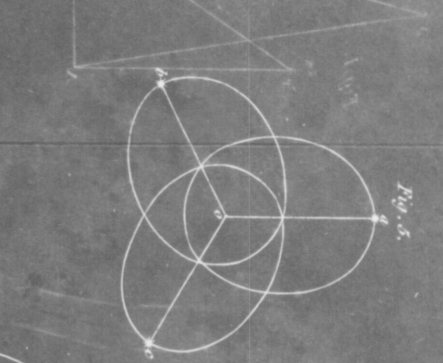
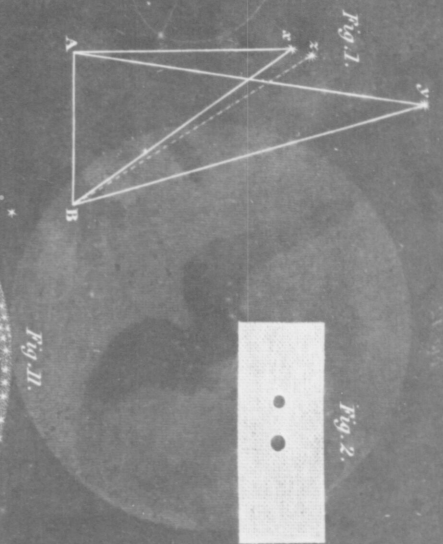


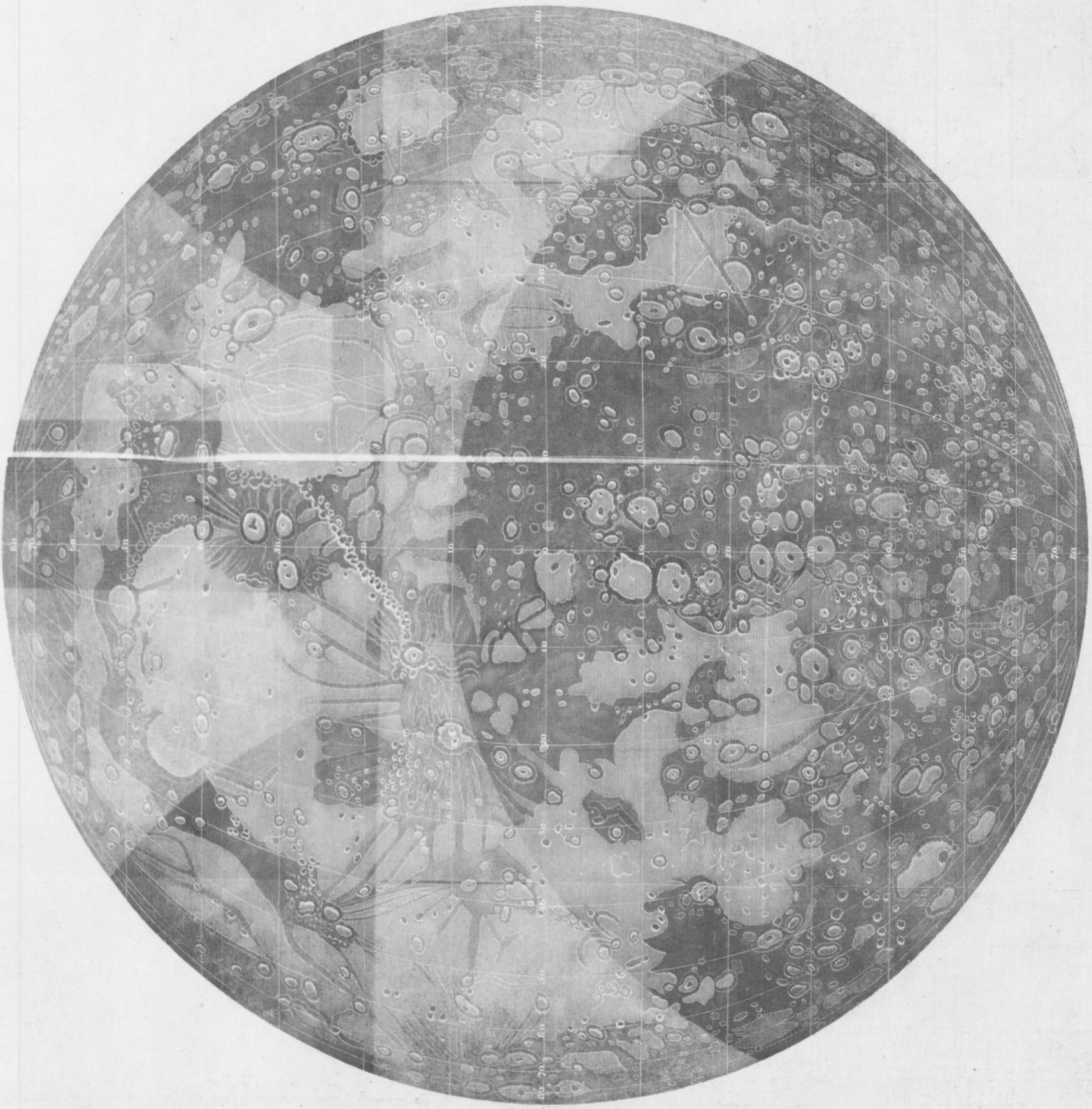
Fig. 9.

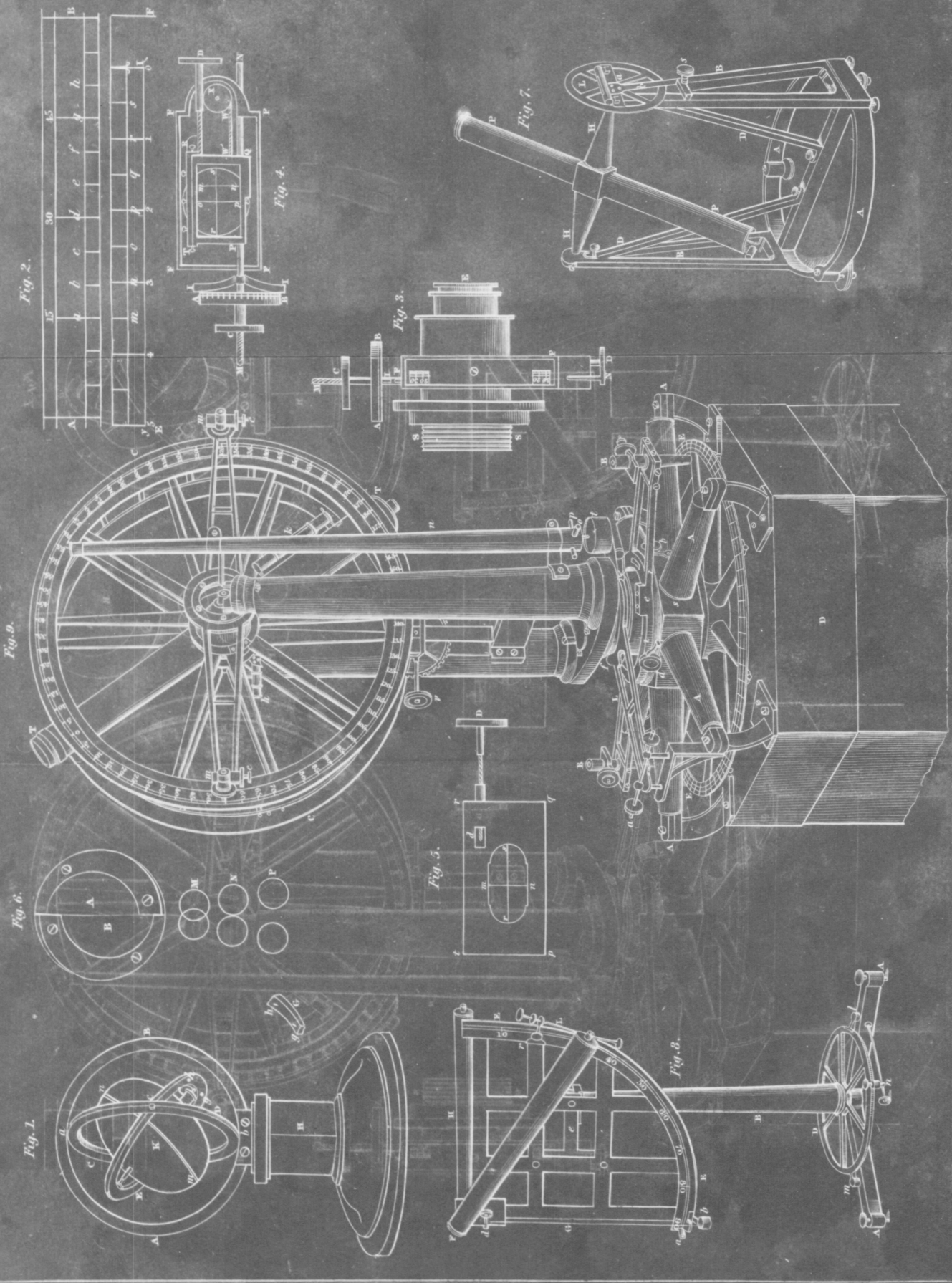


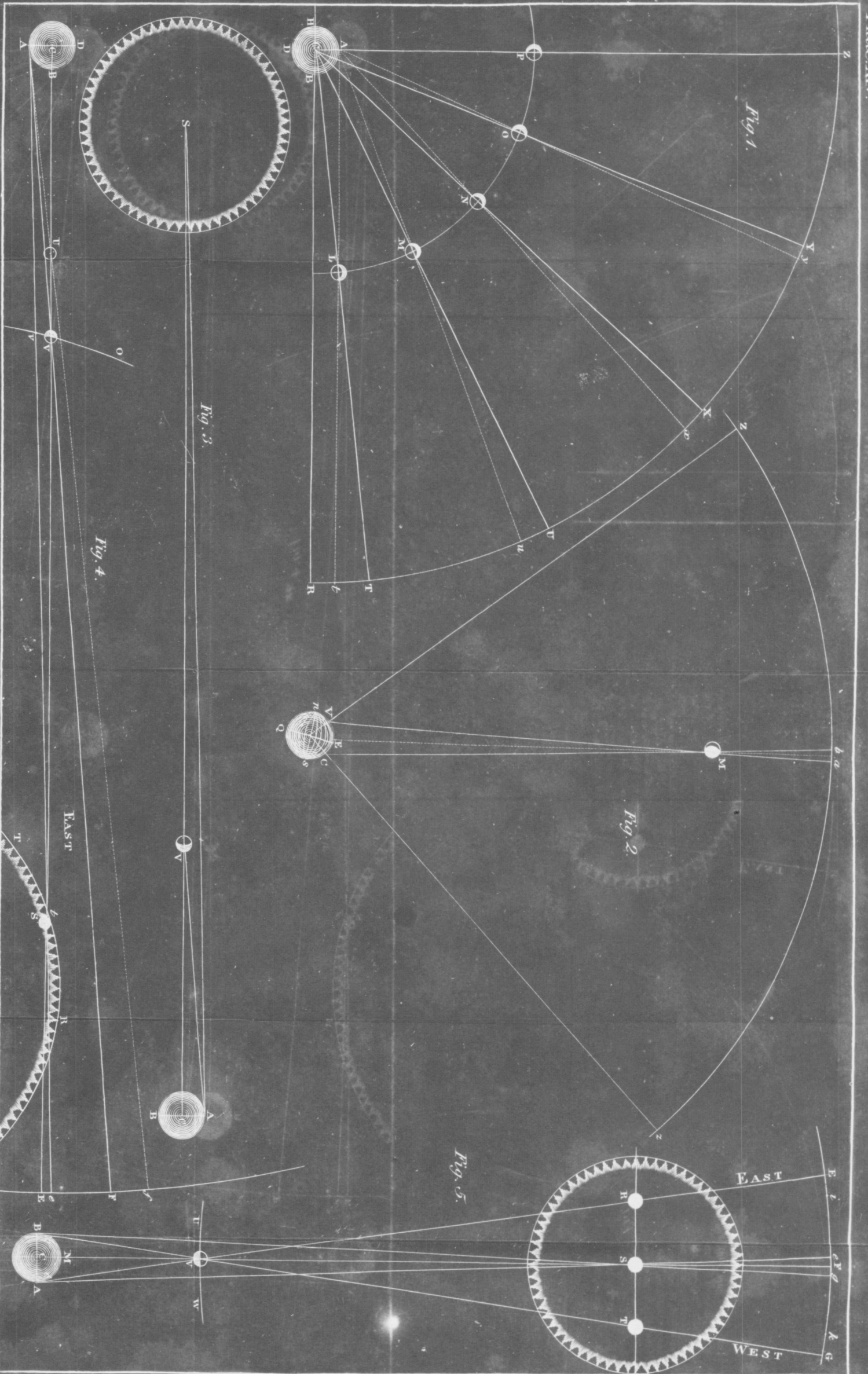


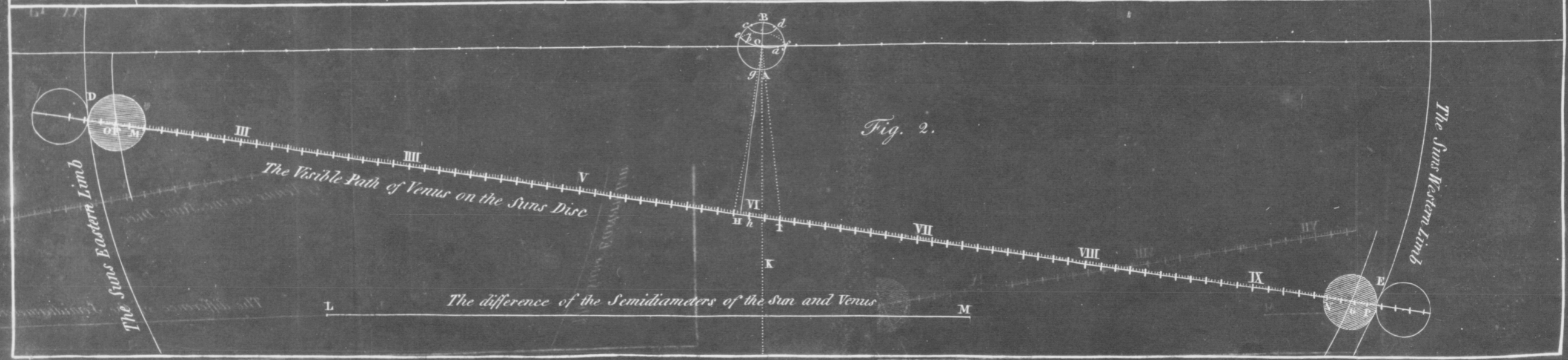
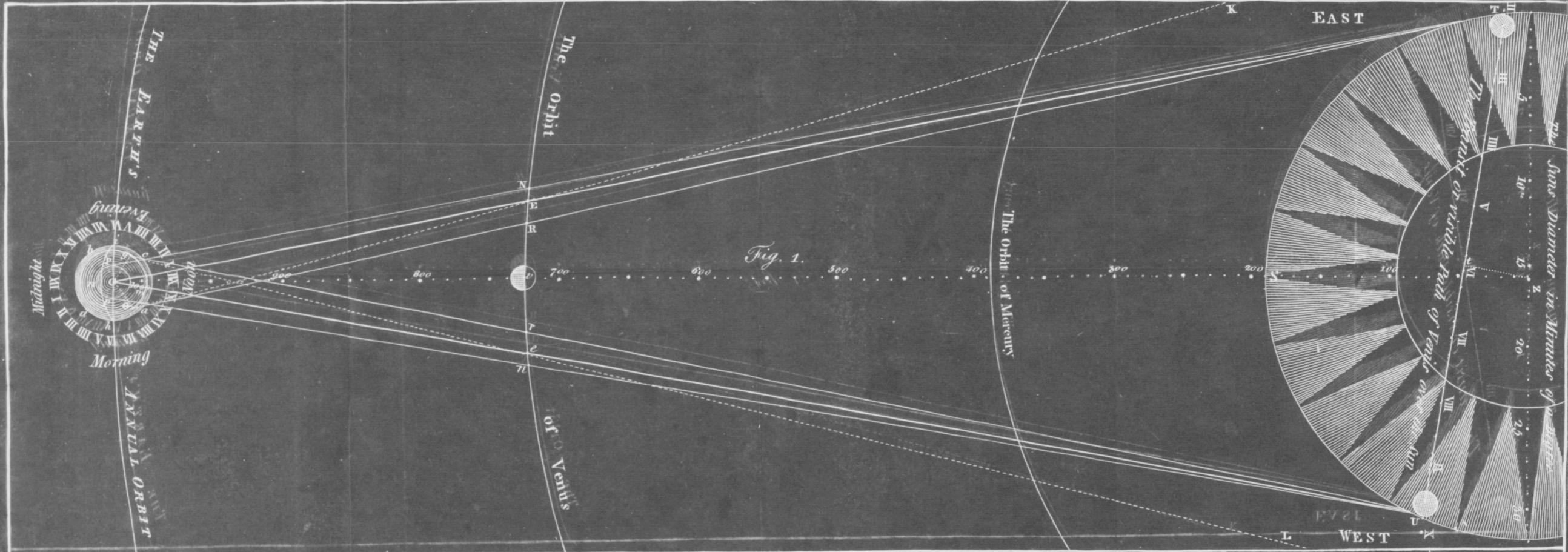
J. Nagler sculp.



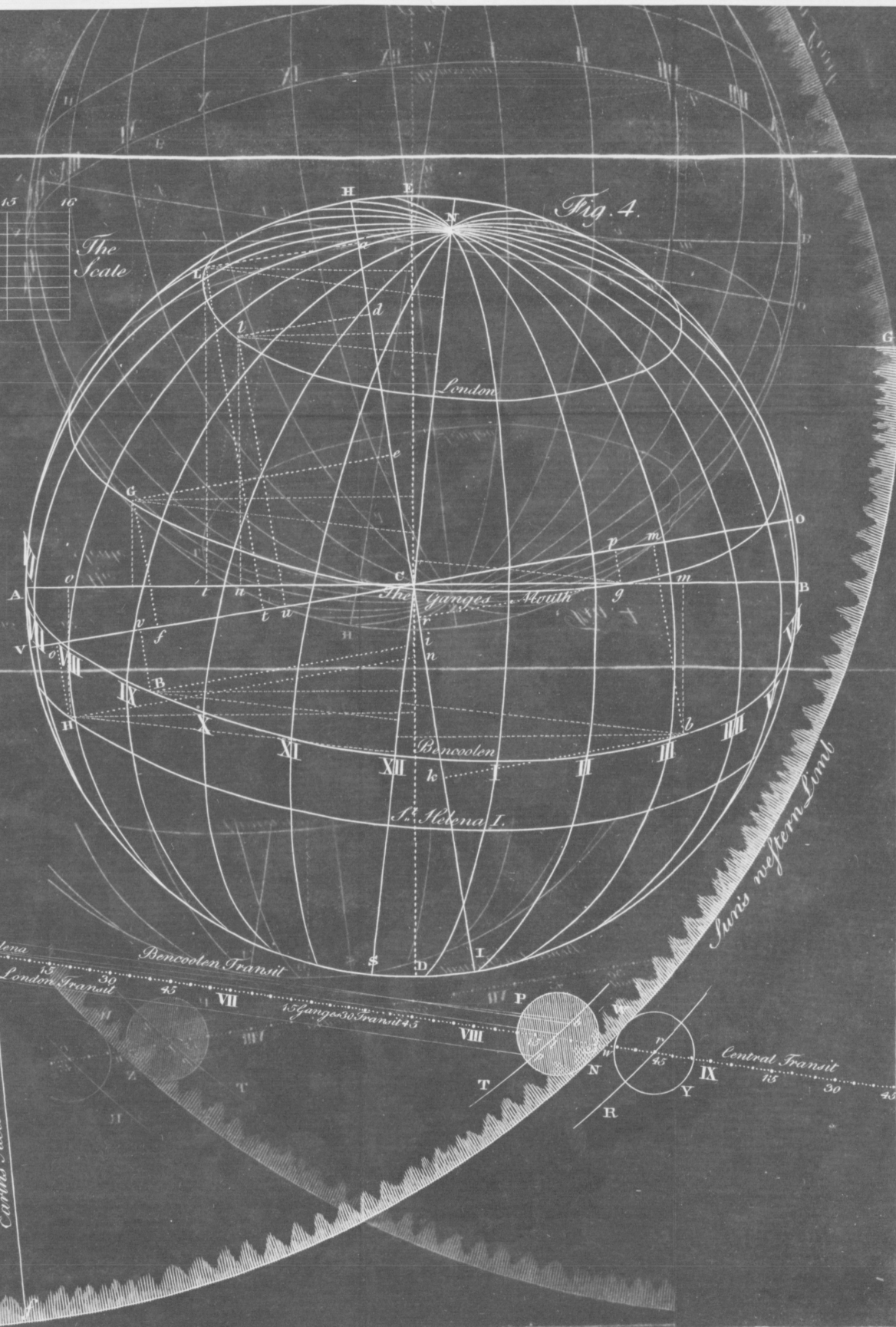
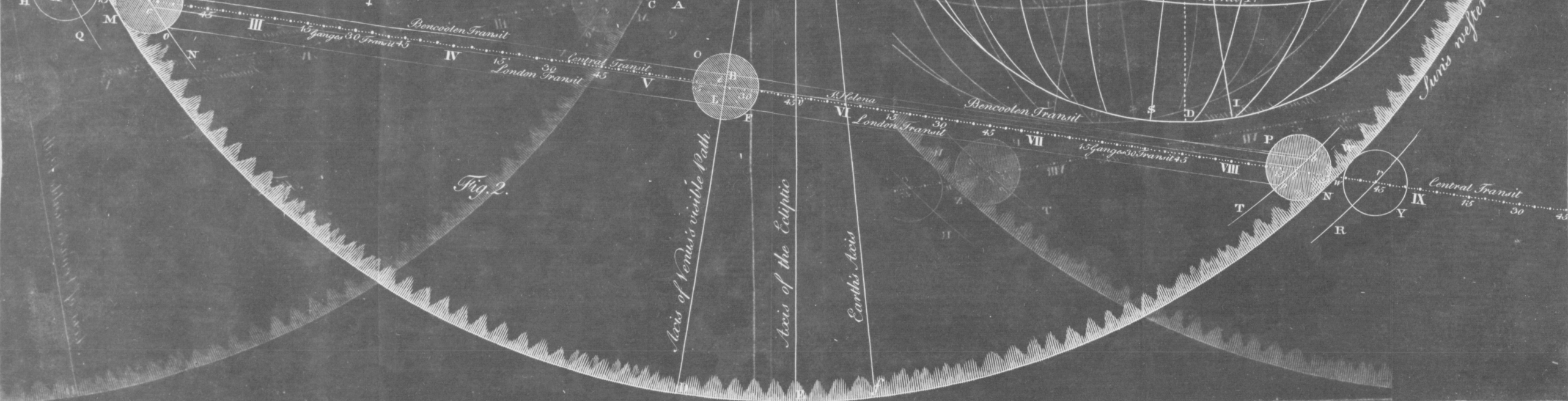
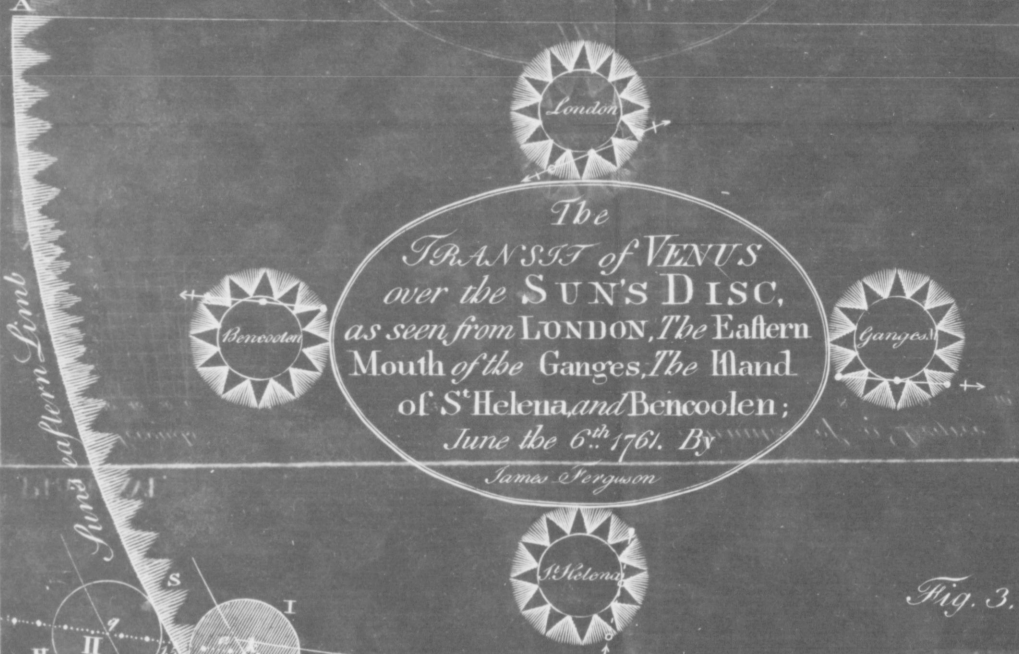








Seconds Minutes of a Degree



A MAP of the EARTH,

Upon which are marked the Hours and Minutes of true Times of the Entrance and Exit of VENUS, in its Passage over the SUN'S DISC, June 6th 1761. The Times are computed to the Meridian of LONDON, and that which is expressed upon each dotted Line shews when the Transit begins or ends at all those Places which the same Line Passes through. The beginning is between II and III in the Morning and the end between VIII & IX The four Black curve-Lines shew at what Places the Transit begins and at what Places its ends, both at Sun-rising and Sun-setting.

