JAMES FERGUSON, A SUPPLEMENT TO MR. FERGUSON'S LECTURES

London 1767

UPPLEMENT

To Mr. FERGUSON'S Book of

LECTURES

MECHANICS, | | PNEUMATICS, HYDROSTATICS, AND OPTICS.

WITH

The USE of the GLOBES

The ART of DIALLING.

CONTAINING

Thirteen COPPER-PLATES, with Descriptions, of the Machinery which he has added to his Apparatus, fince that Book was printed.

By JAMES FERGUSON, F. R. S.

LONDON:

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"A SUPPLEMENT TO Mr. FERGUSON'S Book of LECTURES ON MECHANICS, PNEUMATICS, HYDROSTATICS, AND OPTICS. WITH The Use of the GLOBES, AND The ART of DIALLING". Its Dialling Chapters start on Page 25:

DIALLING.

The universal Dialling Cylinder.

To delineate a Sun-Dial on Paper; which, when pasted round a Cylinder of Wood, shall shew the Time of the Day, the Sun's Place in the Ecliptic and his Altitude, at any Time of Observation.

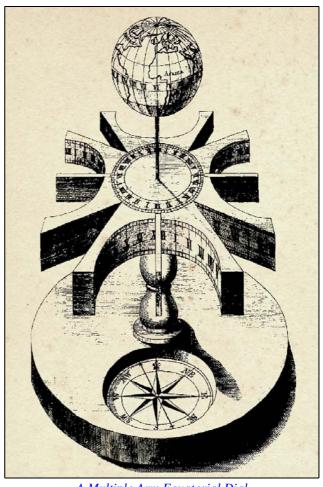
The method of using this dial is as follows.

To make three Sun-Dials upon three different Planes, so as they may all shew the Time of the Day by one Gnomon.

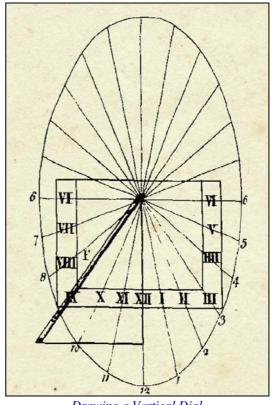
An universal Dial on a plain Cross.

An universal Dial, shewing the Hours of the Day by a terrestrial Globe, and by the Shadows of several *Gnomons, at the same Time : together with all the Places of the Earth which are then enlightened by* the Sun; and those to which the Sun is then rising, or on the Meridian, or Setting.

FINIS.



A Multiple Arm Equatorial Dial



Drawing a Vertical Dial

Number of Pages: 16 Pages of Dialling, plus the Plates Illustrations: 6 Plates with 11 Dialling images Page Size: