

Horologigraphia :
OR,
The Art of Dyalling,
BEING
The *Second Book* of the Use of the
Triangular-Quadrant.

Shewing the Natural, Artificial, and Instrumental way, of making of *Sun-Dials*, on any flat Superfices : With plain and easie Directions, to discover their Nature and Affections, by the *Horizontal Projection*.

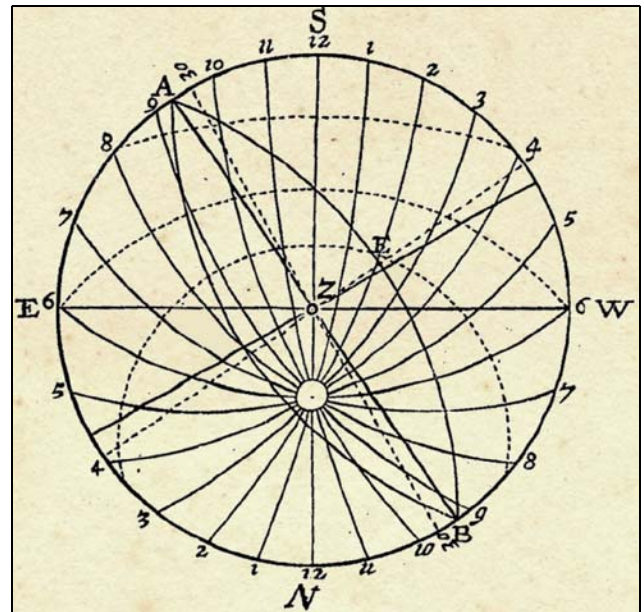
With the way of Drawing the usual Ornaments on any Plain : Also, a familiar easie way to draw those Lines on the Ceiling of a Room, by the *Triangular Quadrant*.

Also, the Use of the same Instrument in
NAVIGATION ;
Both for *Observation*, and *Operation*.

Performing the use of several Sea-Instruments still in use.

By *John Brown*, Philomath.

London, Printed by *John Darby*, for *John Wingfield*, and are to be sold at his house in *Crutched-Fryers* ; and by *John Brown* at the *Sphear* and *Sun-Dial* in the *Minories* ; and by *John Seller* at the *Hermitage-stairs* in *Wapping*, 1671.



'How to Know what Hours belong to any Plain.'

CHAP. V.

To Draw the Hour-Lines on a Dial falling near the Meridian, whose Site hath but a small Elevation, and therefore no Center.

CHAP. VI.

To Draw the Hour-Lines on Declining Reclining Dials.

CHAP. VII.

Of Declining and Inclining-PLAINS.

CHAP. VIII.

To furnish any Dial, with the usual Mathematical Ornaments by the Triangular-Quadrant, as Parallels of the Suns Declination, or the Suns place, or length of the Day, to find the Horizontal and Verticall Lines, and Points, to draw the Azimuths, the Almicanter ; the Jewish, Italian & Babylonish Hours, and 12 Houses on any Plain before mentioned.

The Description and some Uses of the Sphear for Dialling, and for the better understanding of the general and particular Scheams.

The uses of the Sphear
IN
DYALLING.

"Horologigraphia: OR The Art of Dyalling" is a small book containing the following Chapters:

CHAP. I.

The use of the Triangular Quadrant
IN

Making of DIALS.

CHAP. II

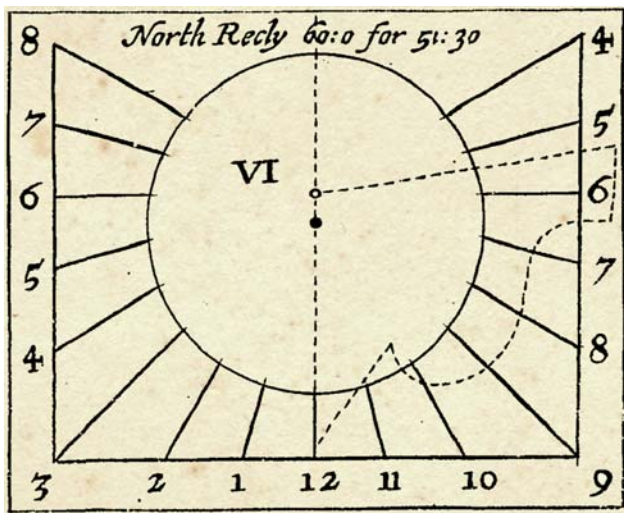
To Draw the Hour-Lines on all Ordinary Dials ; the easiest in the first place.

CHAP. III.

To find the Declination of any
PLAIN.

CHAP. IV.

To Draw a South, or North Erect Declining-Dial.

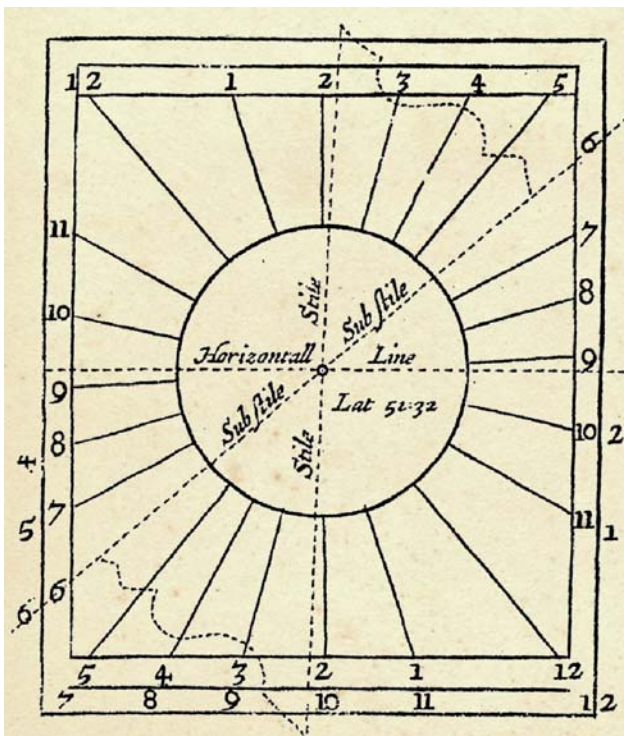


A North Reclining Dial

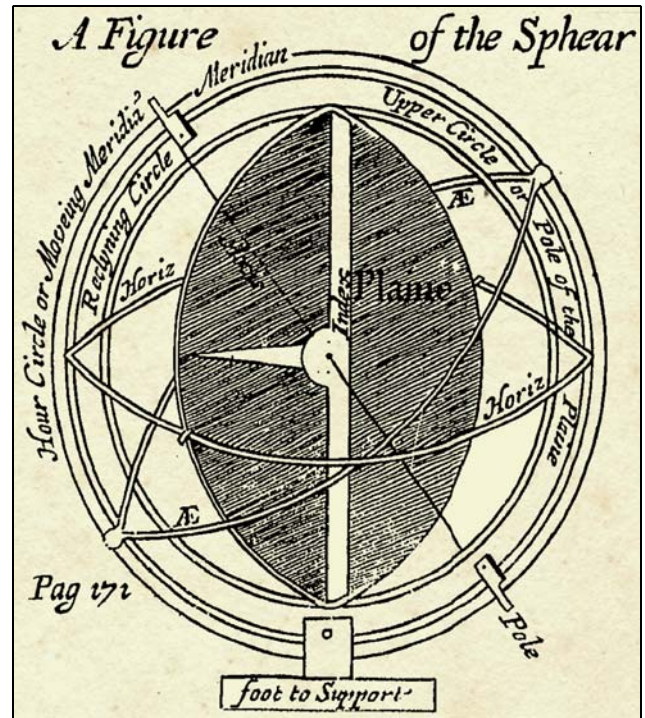
CHAP. IX.

How to remedy several Inconveniencies in the using of the Artificial Lines of Numbers, Sines and Tangents, as they are usually made.

AN
APPENDIX
To the Use of the
Triangular-Quadrant
IN
NAVIGATION.



'Of Declining and Inclining Plains.'



A Figure of the Sphear.

CHAP. I.

*The Description thereof
FOR
SEA-USES.*

CHAP. II.

*The use of the Triangular-Quadrant
in Observation.*

CHAP. III.

*To Rectifie the Table of the Suns
Declination.*

CHAP. IV.

*The use of the Triangular-Quadrant
in the Operative part of
Navigation.*

CHAP. V.

*Of Sayling by the Arch of a
great Circle.*

*The Table of the Things con-
tained in this Second Part.*

FINIS.