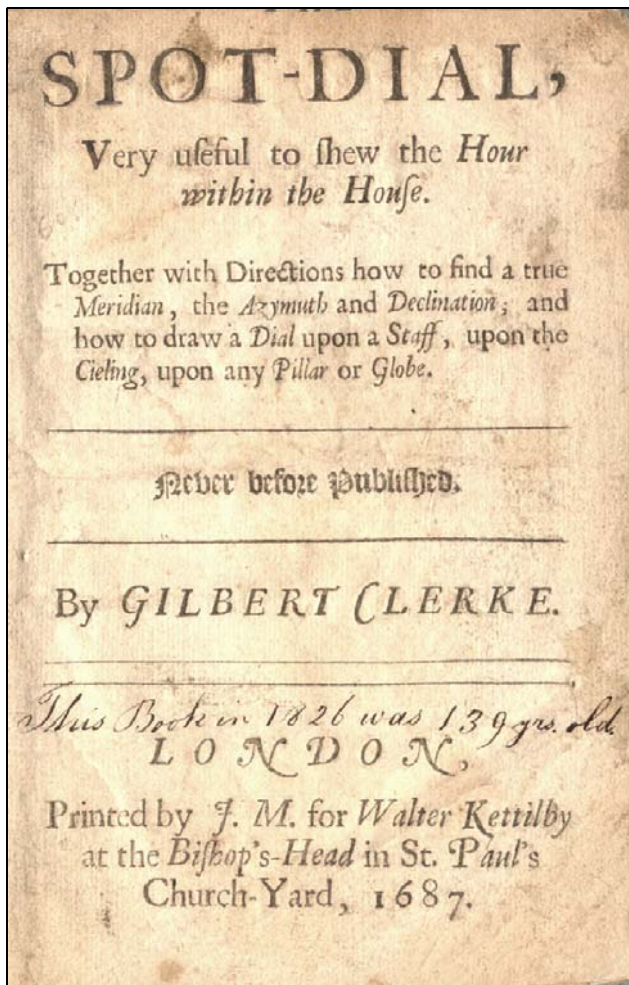


GILBERT CLERKE, THE SPOT-DIAL

London 1687



"THE SPOT-DIAL" is a small booklet containing the following sections:

To find a True Meridian, the Azimuth and Declination.

A DESCRIPTION OF THE Spot-Dial

To make a Staff-Dial.

For the making a Cieling or Reflexive Dial.

For an Horizontal Dial.

For a Vertical Declining Dial.

FINIS.

The book starts with the following:

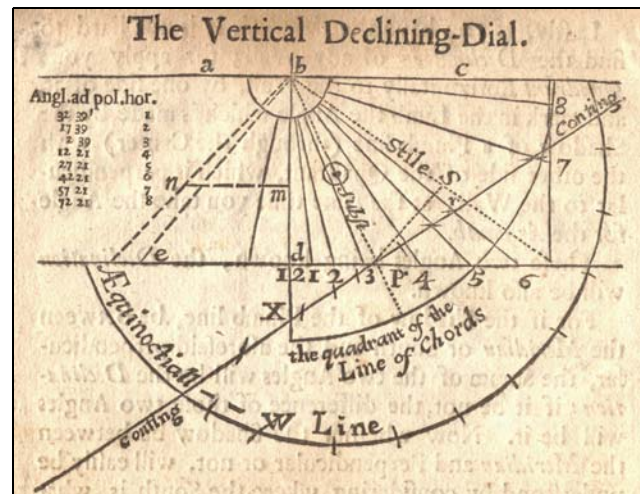
Courteous Reader,

I Did not think to have written any more of Dialling, having delivered my Mind sufficiently at the End of my Oughtredus Explicatus; but being

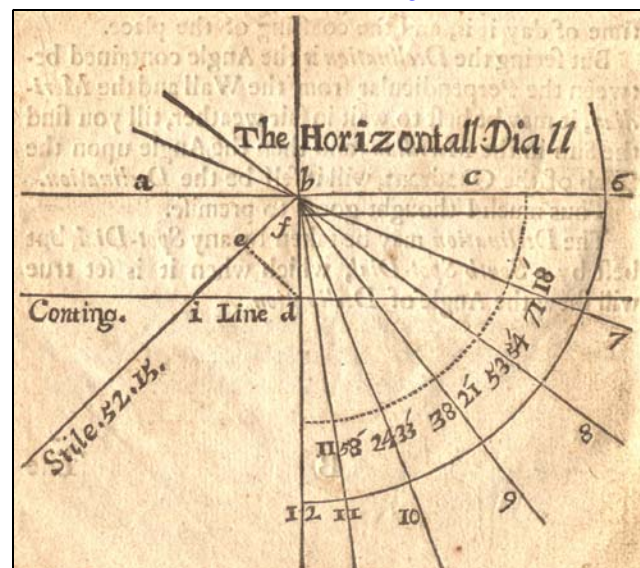
desired by a Neighbour Gentleman to make a fuller Description of the Spot-Dial, which I mention there, p.21. I have now undertaken it, according to that Gentleman's Desire, having had much Experience (since that writing was extant) both of the best ways of drawing the Dial, and of the best Materials, and so much as I believe, that little will be added by him, that comes after, to what I shall here say.

The Use of this Dial is to see the Hour by the Rays of the Sun passing through a Hole, and terminated in a Glass set in a Frame within the House against the Window, the Ground of it is the same with that of the Sun's Light passing through a Hole in the Window, and intercepted by a String, and of the Cieling-Dial, where the Reflecting-Glass is supposed to be a Point in the Style.

He then continues to praise the benefits of this type of dial.



The Vertical Declining-Dial



The Horizontall Diall