## ADAM MARTINDALE, THE DESCRIPTION OF A PLAIN INSTRUMENT

London 1668



that with much ease and exactness will discover the situation of any vertical plane howsoever inclining, reclining, or declining ; and how to draw a Dyal upon any such plane , or upon the face of any vertical body how irregular soever , together with several other things requisite to the Art of Dyalling.

THe Instrument consists of two main parts, a Basis and a Dyal.

The Basis may be a plate of Brass, or a piece of wood smooth wrought, and of one thickness throughout, perfectly square, and dividing into 4 little squares, by 2 right lines, cutting each other at right Angles in the precise middle, one being marked with W. E. for West and East, and the other with N. S. for North and South; which latter line representeth the Meridian when the Dyal stands in its most natural position; but its more ordinary use will be to represent the Axis of the plane.



The Two Parts of the Instrument.

The description of the Instrument continues for some time, and then has the following headings:

The use of the aforesaid Instrument. Here once for all note these 3 things But here also it is good to note diverse things.

The booklet ends with the following advertisement:

**I**F anyone desire to be furnished with the Instrument herein described, he may make use of Mr. Edward Fage in Hosier-Lane, at the Sign of the Sugar-Loaf, Mathematical Instrument-Maker, or Mr. William Newton of Fullshaw, living in Manchester, in Lancashire; who will make it either in Brass or Wood exactly, and at a reasonable rate.

Any that hath but so much (or rather little) skil in Geometry as to measure Angles, he may make use of an horizontal Dyal only, with a thred at the Centre.

FINIS.

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