

HENRY WYNNE, THE GENERAL HOROLOGICAL RING-DIAL

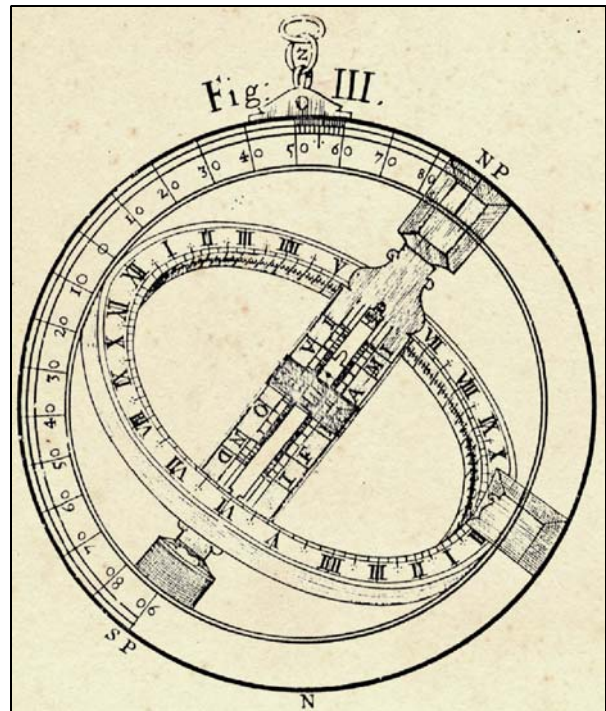
London 1682

THE
DESCRIPTION and USES
Of the General
HOROLOGICAL-RING:
OR
Universal Ring-Dyal
BEING

The invention of the late Reverend Mr. W. Oughtred, as it is usually made of a portable pocket size. With a large and correct Table of the *Latitudes* of the principal Places in every Shire throughout *England* and *Wales*, &c. And several ways to find a Meridian-line for the setting a *Horizontal Dyal*.

By HENRY WYNNE, Maker of
Mathematical Instruments near the
Sugar-loaf in *Chancery-lane*.

London, Printed by A. Godbid and J. Playford,
for the Author, 1682.



The Universal Ring Dial

The various sections that follow are:

1. Of the Name.
2. The Parts.
3. The Name of Each part.
4. The Divisions of each part.

Uses of the Instrument.

USE I.

To get the Suns Declination by knowing first the day of the month.

USE II.

To find the Suns Altitude on the Meridian and all Hours.

USE III.

By knowing the Suns Declination and Meridian Altitude to find the Latitude.

USE IV.

To find the Hour of the day.

USE V.

To find the Suns Rising and Setting.

USE VI.

To find what days and Nights throughout the year are Equal.

The Rule.

A Table shewing the Latitudes of most of the Principal Places in every Shire throughout England and Wales.

How to Place an Horizontal Dyal upon a levell Plane, and to find the Meridian several ways.

F I N I S.

“THE DESCRIPTION and USES Of the General HOROLOGICAL-RING: OR **Universal Ring-Dyal**” is a small booklet. It begins with:

TO THE R E A D E R

I Formerly published half a Sheet on this Subject, and having disposed of all I printed, I found my self necessitated to Print more, to gratify those who bought the Instruments of me, but considering with my self the scantiness of that paper, I took the pains to write a larger which should be more effectual, and as I hope will give better satisfaction. 'Tis confest that there is very little new in this (as in most other Books written now a days) but what may be found among former Authors. My chieftest care herein hath been to collect and alter so that it might serve my present purpose. As for the Instrument it self, being carefully made and graduated as is here described, I know of none for Portableness, Universality, and exactness, that doth exceed it, I mean with respect to its finding the hour, whereby it becomes absolutely useful for any Gentleman to carry in his pocket, or to rectify his Watch or Pendulum by it, &c.