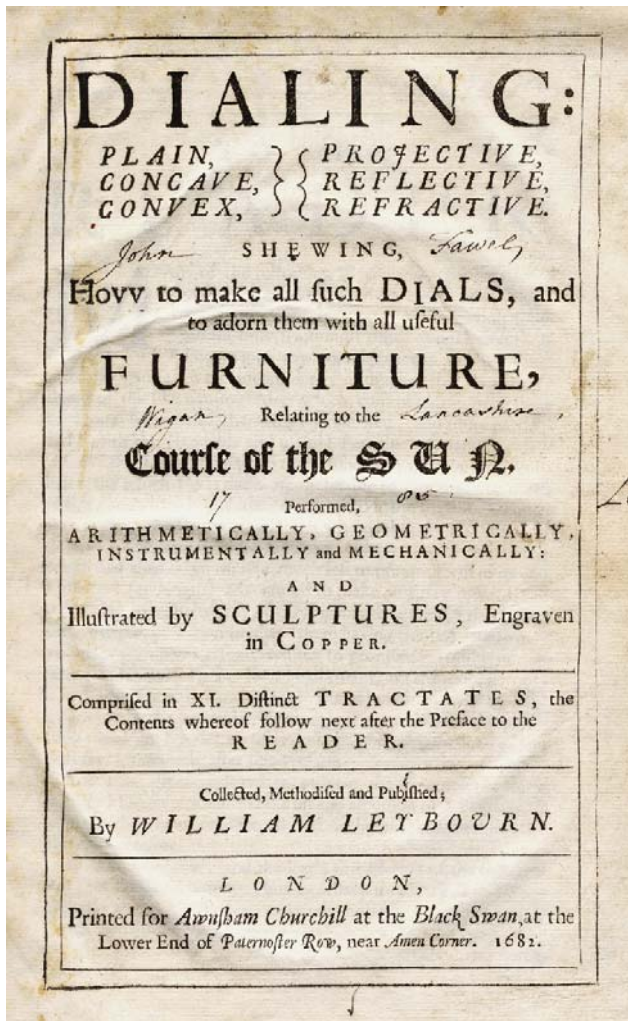


WILLIAM LEYBOURN, DIALLING

London 1682



At the front is a full page portrait of William Leybourn, probably added later as it is dated 1690

Leybourn's "DIALLING" is a full size book, probably the best known of all early dialling works. It is in 11 Tractates as shown below:

A NECESSARY
INTRODVCTION,
Consisting of
DEFINITIONS and PROBLEMS,
Geometrical & Astronomical.

ASTRONOMICAL
DEFINITIONS.

PLAIN
DIALLING,
DEMONSTRATED.
The First TRACTATE.

GEOMETRICAL
DIALLING
Demonstrated.
The Second TRACTATE.

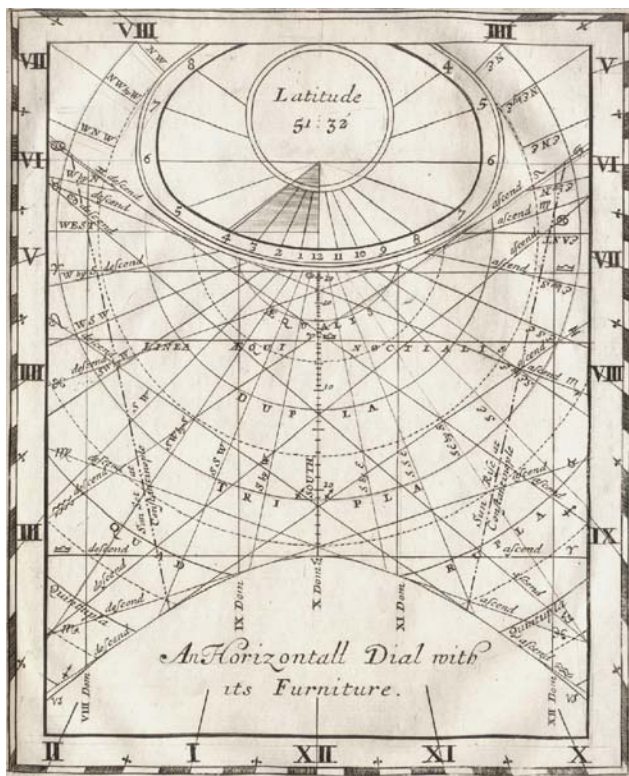
INSTRUMENTAL
DIALING

Performed by
SCALES of Natural SINES & TANGENTS.
The Third TRACTATE.

OF THE
FURNITURE

With which
SUN-DIALS
May be Beautified.
The Fourth TRACTATE.

HOW THE
FURNITURE
OF
SUN-DIALS,
May be Inscribed upon all Sorts of PLAINS, by
the SCALES of
NATURAL
TANGENTS and SECANTS.
The Fifth TRACTATE.



An Horizontal Dial with its Furniture

A Supplement
To the Two foregoing
TRACTATES

A
CONNEXION
OF
TABLES

Of divers Kinds.

The Sixth TRACTATE.

A
Succinct and Demonstrable
Way of Describing
HOURLINES
Upon all Sorts of
PLAINS.

Translated from a Latine Manuscript written, Anno 1640. By
Samuel Foster, sometime Professor of Astronomy in *Gresham*
Colledge, *L O N D O N*.

The Seventh TRACTATE.

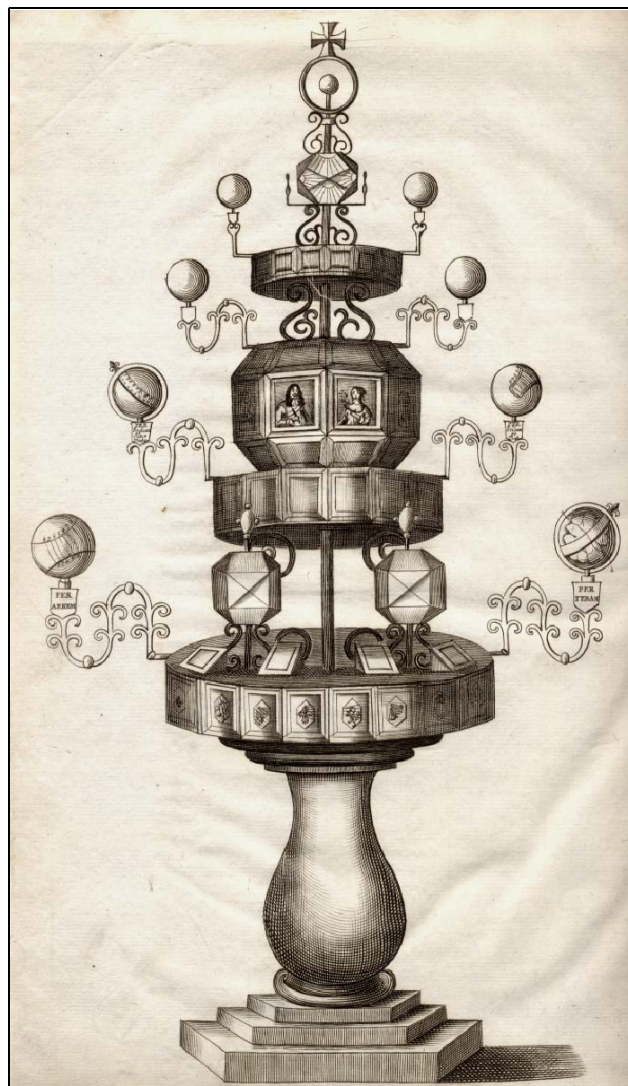
Concave and Convex
Spherical and Cylindrical
DIALING.

The Eighth TRACTATE.

PROJECTIVE
DIALING

The Ninth TRACTATE.

REFLECTIVE



The Pyramidal Dial in the Privy Garden, Whitehall

DIALING

The Tenth TRACTATE.

REFLEX DIALING

By *JOHN TWYSDEN*, M.D.C.L.

ANOTHER WAY
OF

REFLEX DIALING

Written by *Mr. IM. HALTON* from *Grays-Inn*.

REFRACTIVE
DIALING

The Eleventh TRACTATE.

A BRIEF
EXPLANATION
OF THE

Pyramidal DIAL,

Which was set up in the
KING'S MAJESTY'S Privy Garden
AT

WHITE-HALL

ANNO 1669.