

ANTHONY THOMPSON, THE WHOLE ART OF REFLEX DIALLING

London 1658

THE WHOLE ART OF REFLEX DIALLING,

Shewving the vway to make all
manner of Dials which shall shew the houre
by a spot of light reflected from a Glasse
upon any Cieling whether it be flat
or curved, or any other
way irregular.

AS ALSO

Vpon any other object whatsoever,
and whether the Glasse be plain, or
convex, as likewise whether it lie in the plain
of the Horizon, or oblique unto it.

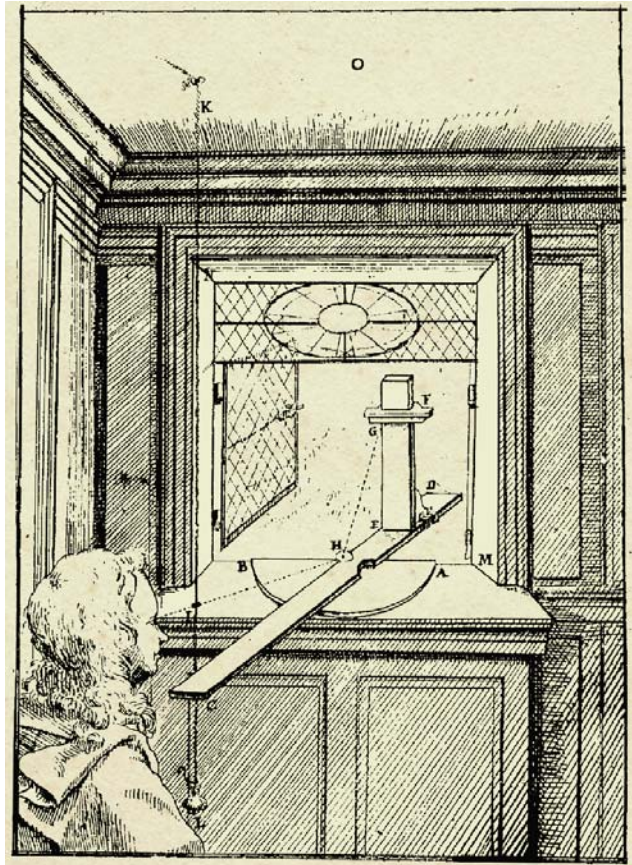
*Together with all necessary furniture
belonging thereunto.*

All performed by an easie Instrument fitted,
with lines to that purpose.

Published by ANTHONY THOMPSON.

L O N D O N

Printed, For William Leybourn M. DC. LVIII.



Measuring the Sun's Altitude and Azimuth.

"THE WHOLE ART OF REFLEX DIALLING" is
a small booklet. The contents are as follow:

The Publisher to the Reader,

Courtous Reader,

THese short precepts of reflected Di-
alling, the late invention of a Friend
of mine, I have thought fit to let the
World see, and together with them, have annex-
ed some precepts of the same Nature, formerly
written by their Author Mr. Sam. Foster,
sometime Astronomy Professor, in
Gresham Colledge; to whom the world
is indebted for much variety in all kind of Dial-
ling, and the first I know that in England
made these sort of Reflected Dials to oblique
Glasses, in so much that although this now pub-
lished be wholly new, & without any dependance
upon any thing ever done by him, yet the Author
will not be ashamed to acknowledge that the dif-
ficulties that he found arise in the practice of
some wayes of that Author, put him upon this
as he thinks more easie then any yet published.

CHAP. I.

The Description of the Instrument.

CHAP. 2.

Precepts for the ready Use of this Instrument.

CHAP. 3.

CHAP. 4.

CHAP. 5.

*How to performe all the fore-going precepts,
without any projection by the eye.*

*A general and most easie way, to project houre
lines on all kinds of superficies without any knowledge
how they are situated in respect of Declination
or Inclination.*

FINIS.