

THE
YOUNG MAN'S
NEW
UNIVERSAL COMPANION;
OR,
Gentleman's Pocket Intelligencer.

CONTAINING,

- I. The Principles of the English Language; Directions for Writing; Specimens of Letters; Forms of Address; and Rules for Penmanship.
- II. Forms of Wills and Deeds; Notes, Receipts, Bills of Parcels and Book Debts, with many other mercantile Matters, as Shipping, Invoices, and the Nature of Exports and Imports.
- III. Arithmetic in general; Vulgar and Decimal Fractions; Extraction of Roots, and their Uses; Duodecimals and their Application to Artificers' Works; Board and Timber Measure.
- IV. Chronology and Geometry, with some of their most useful Problems; Plain Trigonometry; the Geography of Maps; Navigation and Astronomy, including a full Account of the Georgium Sidus, or New Planet. Dialling, with the newly invented Pocket Card-Dial. The colouring of Dial-Boards, and preparing Colours for beautifying Maps, &c.
- V. The Mensuration of superficial and solid Bodies. Easy Methods of surveying Land. Cask Gauging. Information to Custom-house, Military, and Engineer Officers.
- VI. Several valuable and approved Receipts in Physic and Surgery. Method of avoiding infectious Diseases; of Consumptions of the Lungs. Fly-fishing and Angling. Directions for Swimming. Recovery of drowned Persons. On the Barometer, Thermometer, and Hygrometer; the Aurora Borealis. To estimate the Value of Life and Leasehold Estates upon two or three Lives, &c. &c.

BEGUN

BY THE LATE MR. D. FENNING,
Author of the ROYAL ENGLISH DICTIONARY, UNIVERSAL SPELLING BOOK, READY RECKONER, YOUNG MAN'S BOOK OF KNOWLEDGE, NEW GRAMMAR OF THE ENGLISH TONGUE, &c.

AND CONTINUED

BY THE REV. J. MALHAM,
Author of the SCHOLAR'S PLAIN AND FAMILIAR GUIDE TO THE KNOWLEDGE OF VULGAR AND DECIMAL ARITHMETIC, POCKET CARD-DIAL, &c.

L O N D O N :

Printed for S. CROWDER, PATER-NOSTER-ROW.—1783.

[Price Two Shillings and Sixpence.]

"THE YOUNG MAN'S NEW UNIVERSAL COMPANION" is a smallish book with more than 400 pages, which include a section on Dialling with various Tables starting on Page 332. It contains:

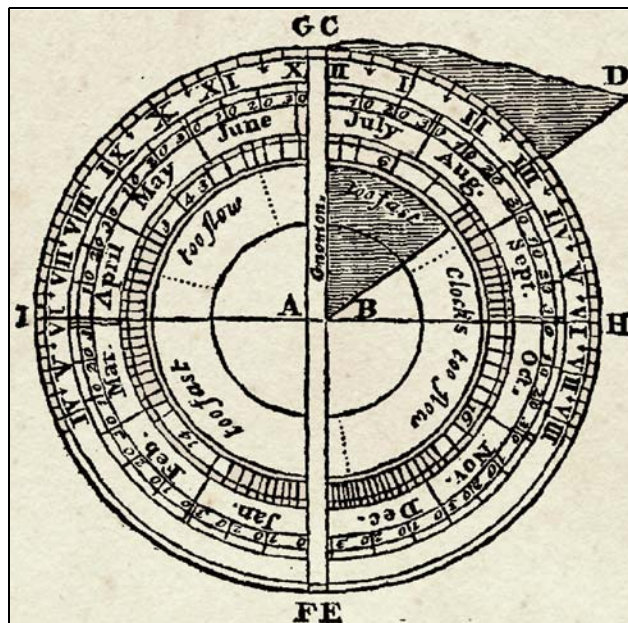
Of D I A L L I N G.

Of an Horizontal Dial.

A TABLE of DISTANCES to be taken from the Chords, for all the Hours, Half Hours, and Quarters, in Horizontal Dials, from Lat. 50° to Lat 57° inclusive.

Of Vertical Dials.

A TABLE of DISTANCES to be taken from the Chords, for all the Hours, Half Hours, and Quarters, in Direct Vertical Dials, from Lat. 50° to Lat. 57° inclusive.



A Horizontal Dial with EoT

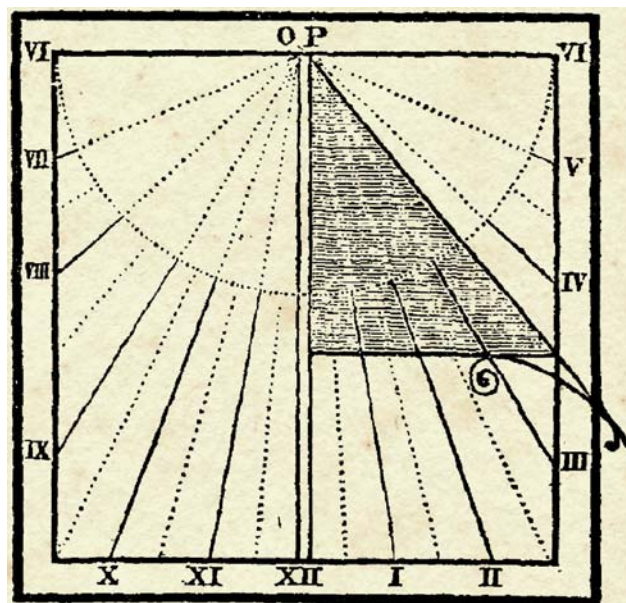
Of an East Dial.

Of the Portable Pocket Dial.

A TABLE of ALTITUDES included within different Angles at several Distances, to find out the Height of Buildings, Trees, &c.

Following this is a section:

*Of Painting DIAL BOARDS,
and Colouring MAP S.*



A Due South Vertical Dial