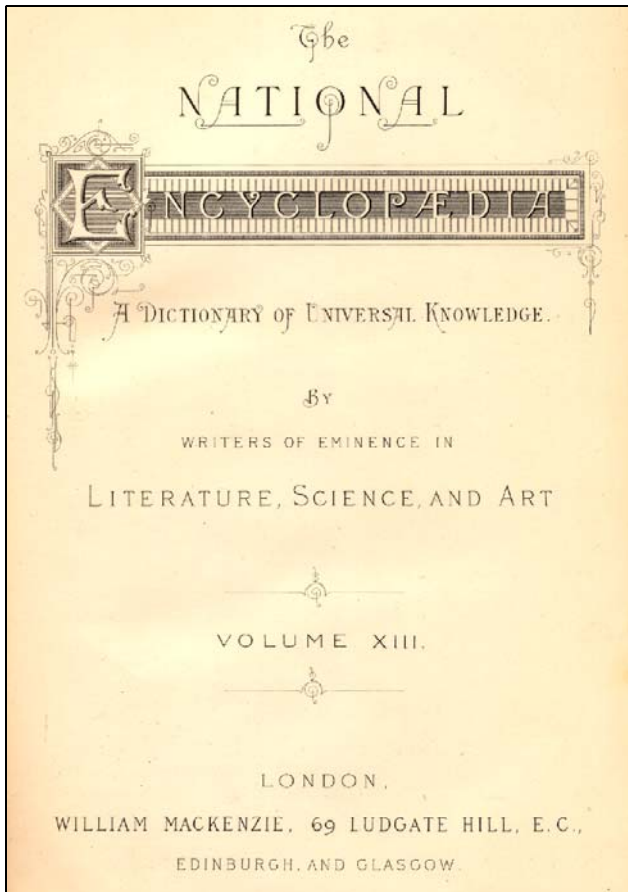


WRITERS OF EMINENCE, THE NATIONAL ENCYCLOPÆDIA

London ca. 1899

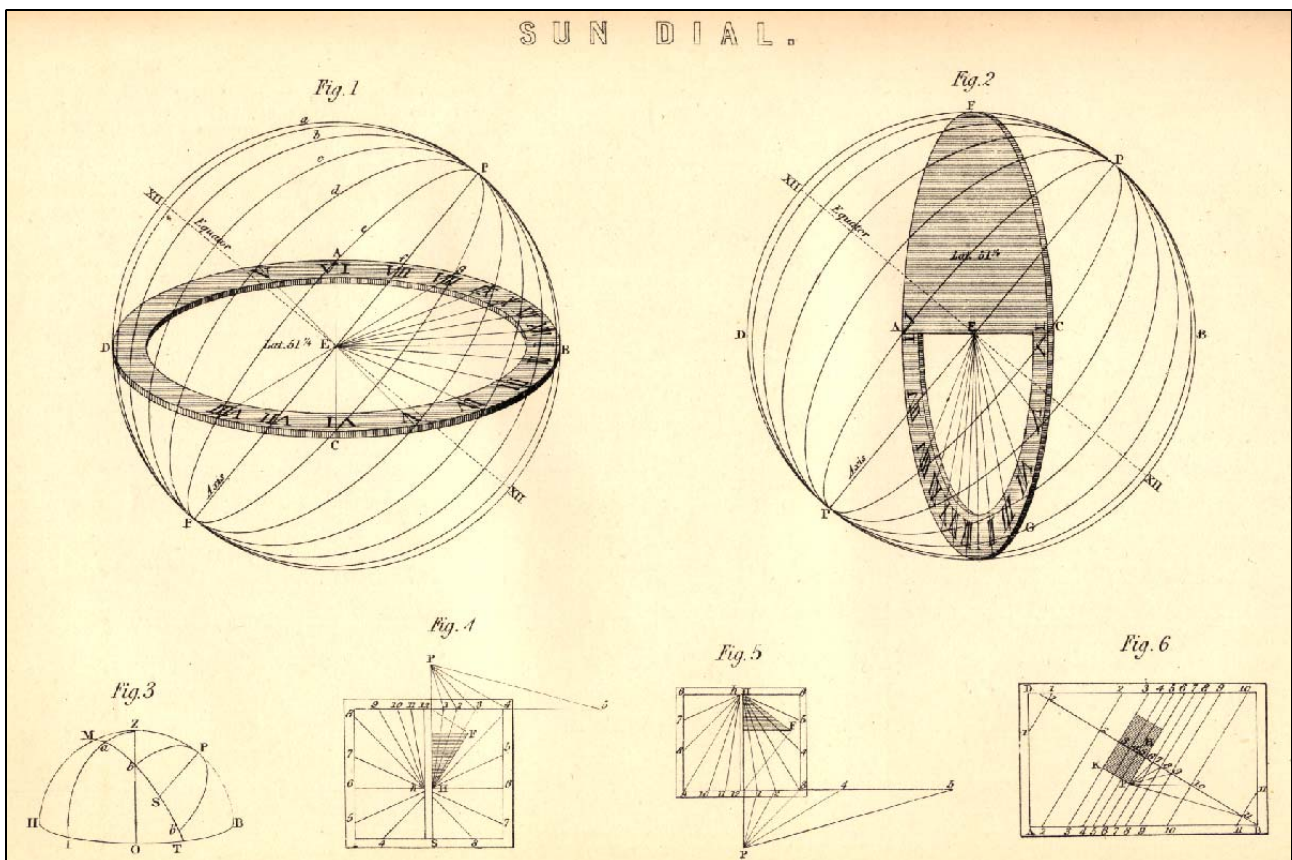


“The NATIONAL ENCYCLOPÆDIA, A DICTIONARY OF UNIVERSAL KNOWLEDGE ... IN LITERATURE, SCIENCE, AND ART.” is a work in 14 volumes. Its entry for **SUN-DIAL** is of just 1½ pages. Its entry starts with the text:

SUN-DIAL, an instrument for measuring time by the motion of the sun’s shadow, cast by a style erected on its surface. Up to a comparatively recent period the science of constructing sun-dials, under the name of Gnomonics, was an important part of a mathematical course. As long as watches were scarce and clocks not very common, the dial, which is now only a toy, was in actual use as a time-keeper. Of the mathematical works of the seventeenth century which are found on book-stalls, none are so common as those on dialling. All that is now necessary is to give some idea of the principles on which such instruments are constructed, as an illustration of the leading fact in astronomy.

The entry then goes on to explain how to construct those dials shown in the plate below.

Entries will be found in various volumes in the series for other parts of dials and their connections.



Full Page Plate on the **SUN DIAL**

Number of Pages: Vol. XIII

Page Size: 9⁵/₈" × 6¹/₄"

Illustrations: 38 full page plates, some in colour, plus a few illustrations in the text.