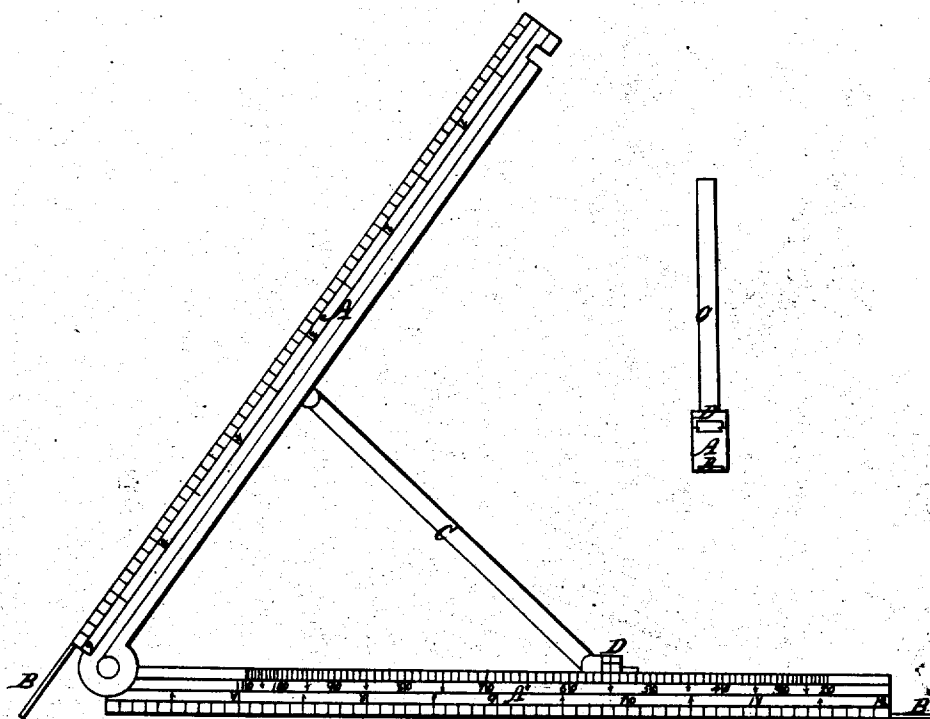


866 X
SUBSTITUTE FOR MISSING OR

X866

PATENTED APR. 29, 1808.

B. DEARBORN.
ANGLET.



8660x

Apr 29 1808

Benjamin Dearborn of Massachusetts

Letters Patent.

The Schedule annexed to within Letters Patent and making part of the same containing a description in the words of the said Benjamin Dearborn himself of his Invention called the Anglet

This instrument consists of the following parts, viz. 1st Two bars or legs united by a joint in such a manner as to open and shut like a jointed Rule. 2^d An index made to slide on or in one of the bars or legs before mentioned. 3^d A Brace the two ends of which turn on two pins, one end being thereby attached to one of the legs - the other to the index. To the foregoing the following subordinate parts are added or omitted as may be expedient. 4th A circular index sliding in one or both of the legs above mentioned. 5th A spirit level, water level, or plumb line. 6th A small arch of a circle to ascertain the distance or number of degrees at which the instrument is opened. Before the index will note the degrees with accuracy. 7th A magnetic needle and proper sights for the purpose of surveying land &c. On that leg where the index moves a scale is laid down on one or both sides. Shewing by means of the index at what angle the instrument is open at any degree from the lowest to the highest marked thereon. On other parts of the instrument scales of inches and such other scales may be added as shall be required for mathematical calculations or measurements in any way in which the scales, plain scales, or sliding Rule, or common instruments be applied. This instrument may be made of Iron, Brass, Steel or Wood, or any of those materials may be united therein: and it may be of any size required to suit the purposes for which it is wanted. The largest which has yet been made is five feet radius opening to a ten feet pole the smallest six inches radius opening to a twelve inch Rule. In addition to the purposes above described for which the Anglet may be used, it may also be graduated with a scale of equal parts on the in-

ward edge of one leg corresponding with a similar scale on the other leg and a sliding square or right angle applied thereto will ascertain the latitude and departure of a Ship's course. But a different instrument has long been known with a sliding square applied to the same purpose. Therefore the application of the square in this way is not considered as being covered by the exclusive right of this Patent.

Ed.

William Thornton

W^m Witness, Thos^d Rogers

Benjamin Dearborn

Inventing made P. F.
(480 words)
(Patented April 29, 1808).