(No Model.)

O. PEDERSON.

RULER.

No. 317,188. Patented May 5, 1885.

Fig. 1.

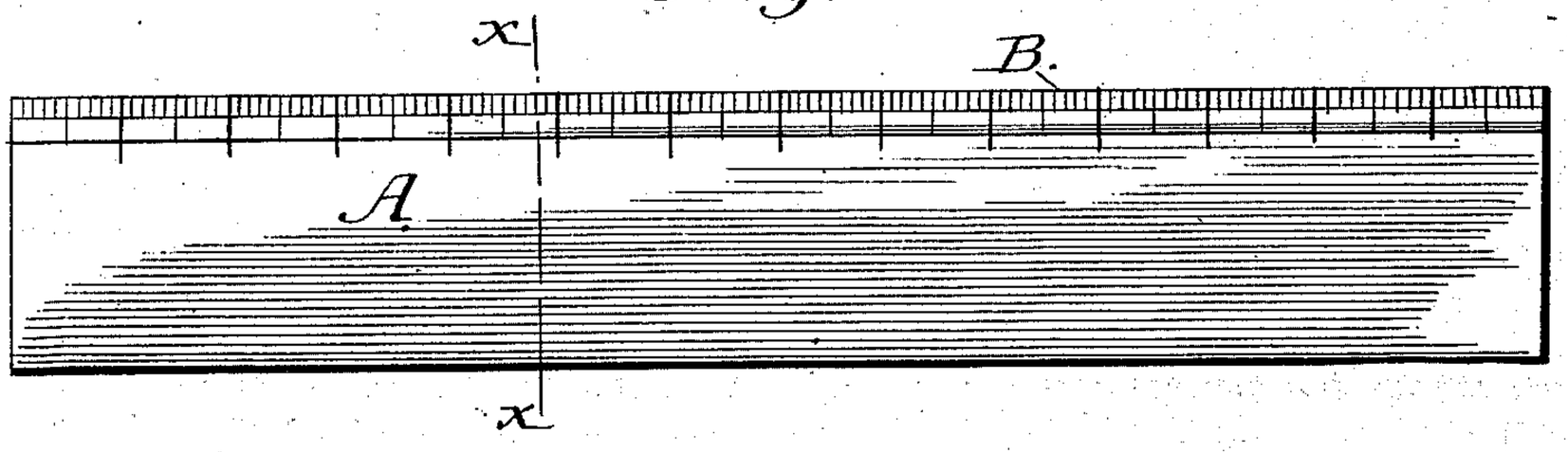


Fig. 2.

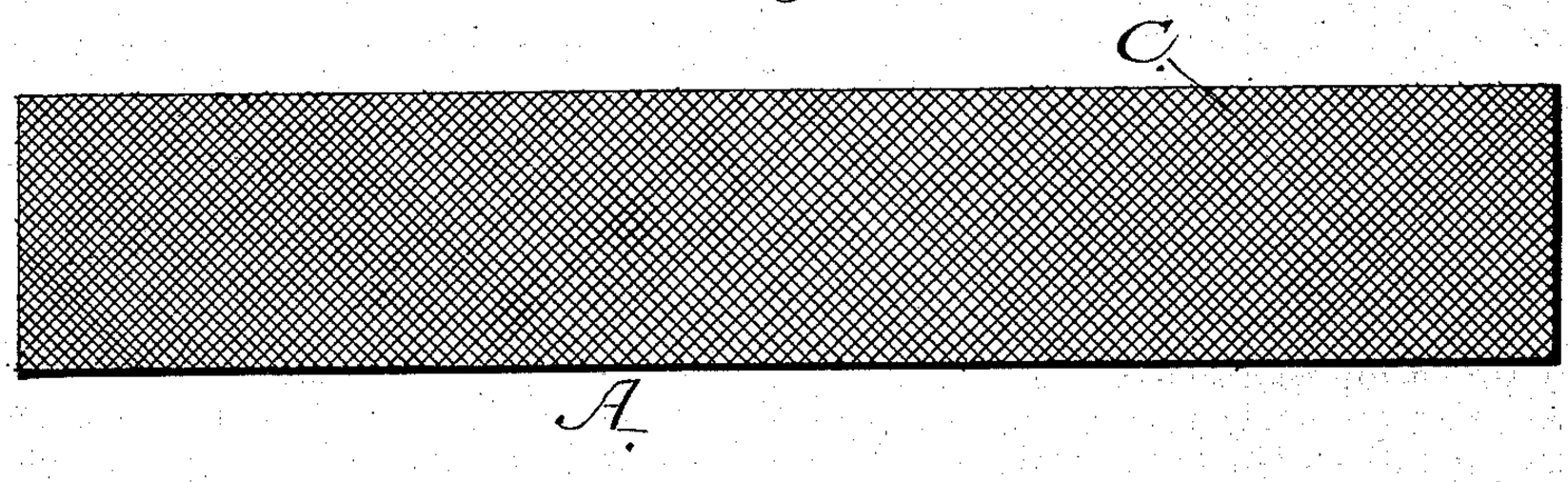
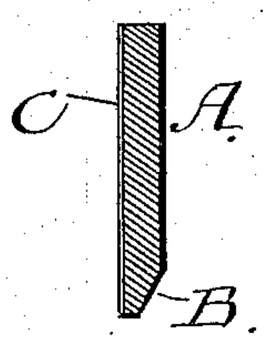


Fig. 3.



Attest;

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UNITED STATES PATENT OFFICE.

OLE PEDERSON, OF COLUMBUS, OHIO.

RULER.

SPECIFICATION forming part of Letters Patent No. 317,188, dated May 5, 1885.

Application filed May 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, OLE PEDERSON, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Rulers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of a ruler or straight-edge. Fig. 2 is a bottom plan view of the same. Fig. 3 is a section on line *x x* of Fig. 1. In all of which similar letters of reference indicate corresponding parts.

My invention relates to an improvement in rulers, straight-edges, and similar instruments provided with a graduated scale, and to be used by machinists, draftsmen, pattern-makers, and others for holding the said instrument in its proper position upon polished or hard surfaces, whereby fine lines can be readily marked upon such surfaces without the danger of the rule slipping; and my invention consists in providing a ruler or other suitable instruments having a graduated scale with a roughened bottom surface, as will be hereinafter more fully set forth.

To enable others skilled in the art to make and use my invention, I will now proceed to describe the exact manner in which I have carried it out.

In the said drawings, A represents a ruler, which may be of any desirable form and size, and made of metal, glass, or other suitable material, and provided with a graduated scale, B, representing fractions of an inch, from one thirty-second to one-fourth, or more or less, if deemed necessary.

Heretofore machinists and others whose business or occupation requires the use of a ruler have experienced great difficulty in drawing lines upon hard and polished surfaces—such as steel dies, plates of polished steel, &c.—by reason of the ruler slipping, thereby causing trouble and a loss of time, as well as often disfiguring the work. This, it is obvious, is caused by the polish or smooth surface of the rulers now generally in use, as there is not enough friction between the plate and ruler to hold the latter in its proper position. To overcome these difficulties, I have constructed a ruler the under surface of which is roughened, as shown at C, and it has been found by actual experiment that a ruler so constructed will hold its place upon the article to be marked, so that fine or close lines can be readily made upon its surface.

I am aware that it is not broadly new to make the side of screw-drivers and some classes of measuring-instruments rough or with teeth; but these devices are for filing the articles after they have been measured, and such I do not claim as my invention, as my device is for an entirely different purpose; but

What I do claim, and desire to secure by Letters Patent, is—

A ruler having a graduated scale and provided on one side with diagonal lines cut into the body of the ruler, whereby the said ruler is roughened to prevent slipping when applied to a polished or hard surface, substantially as and for the purpose set forth.

OLE PEDERSON.

Witnesses:
J. R. BOWDLE,
H. RAPP.