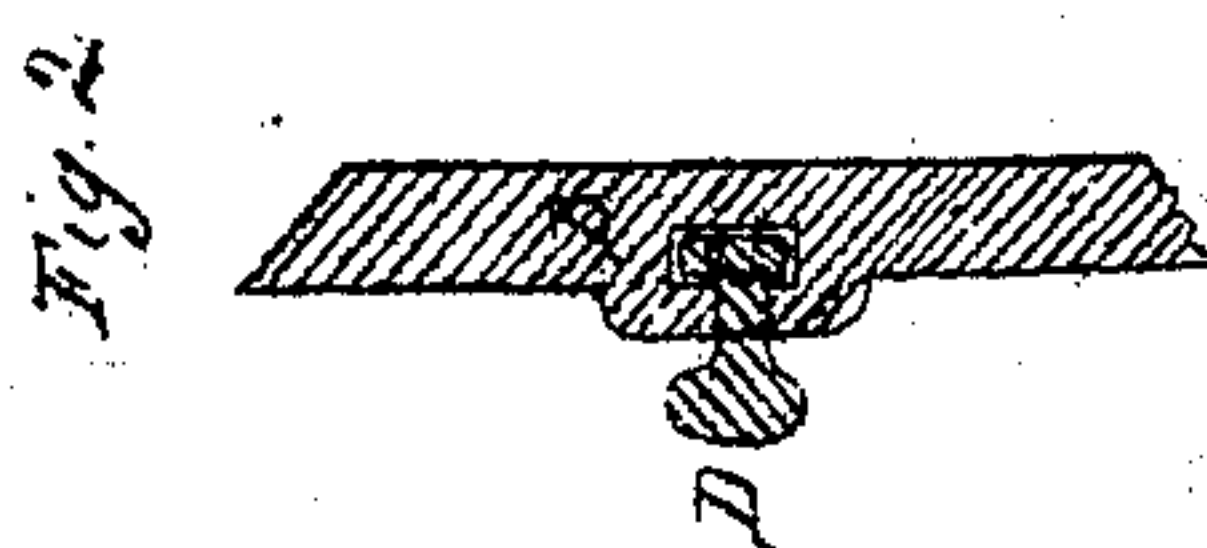
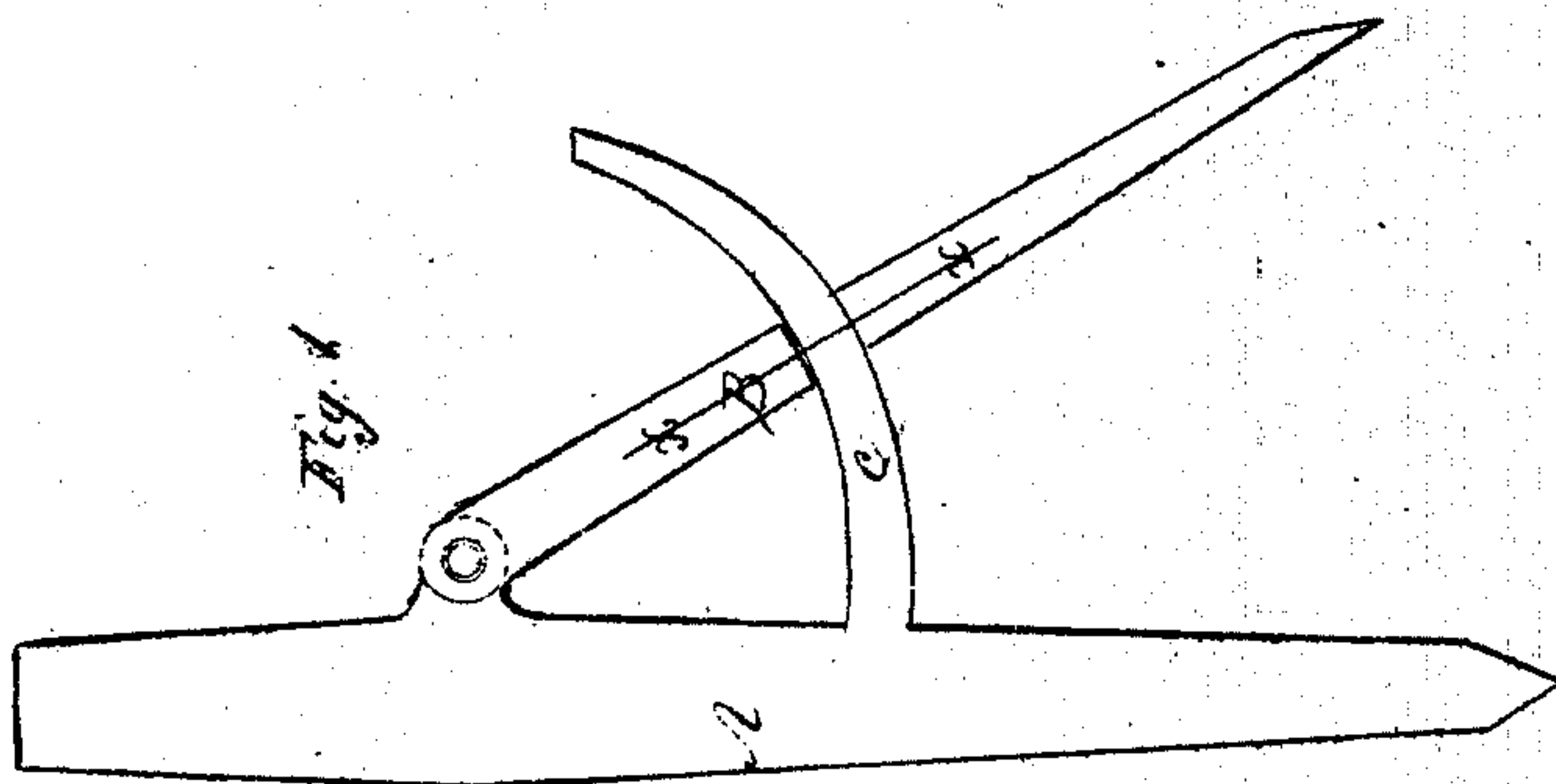


E. S. Fisher.

Divider.

Nº 71370

Patented Nov. 26. 1867.



Witnesses
Theo. Tinsche
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EDWIN S. FISHER, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 71,370, dated November 26, 1867.

IMPROVEMENT IN DIVIDERS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. S. FISHER, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and "Improved Tool," and that the following description, taken in connection with the accompanying drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim, and desire to have secured to me by Letters Patent.

The present invention consists in so constructing a pair of dividers, such as are used for spacing off work upon metal, that it can be also used as a punch to prick and thus mark the same at one time, whereby much labor and time are economized. In the accompanying plate of drawings my improved tool is illustrated—

Figure 1 being a side view of the same, with the legs opened, and

Figure 2 a section taken in the plane of the line *x x*, fig. 1.

A and B, in the drawings, represent the two legs to the dividers or improved tool embraced by this application, the one leg, A, being longer than the other, B, with the latter pivoted or hinged to its side. Both legs, A and B, are pointed at their outer ends, and to the large leg, A, is secured a curved and arc-shaped arm, C, on which the smaller leg, B, moves, and is set by means of a set or thumb-screw, D, suitably applied therefor, at any point of its length, according to the width of opening desired between the two legs at their pointed ends. The extension portion, E, of the larger leg A, to the dividers, is made of suitable shape for being struck with a hammer, and thus cause its pointed end to punch the metal sheet, as by the dividers it is spaced or divided off.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

The dividers, constructed as described, consisting of the leg A, having the arc-shaped arm C, and the small hinged leg D, when the leg A is adapted to form a punch to be struck by a hammer, as herein shown and described.

EDWIN S. FISHER.

Witnesses:

J. A. McARTHUR,
CHAS. POLLOCK.