

*B. Hostler,
Millstone Pick.*

N^o 32,190.

Patented Apr. 30, 1861.

Fig. 1

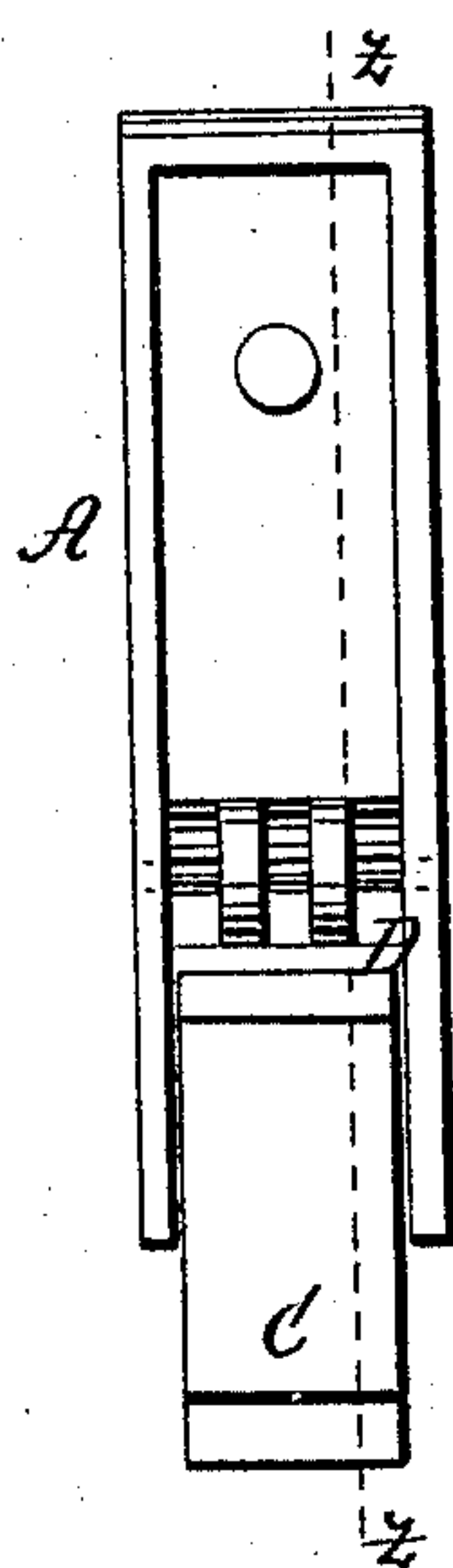
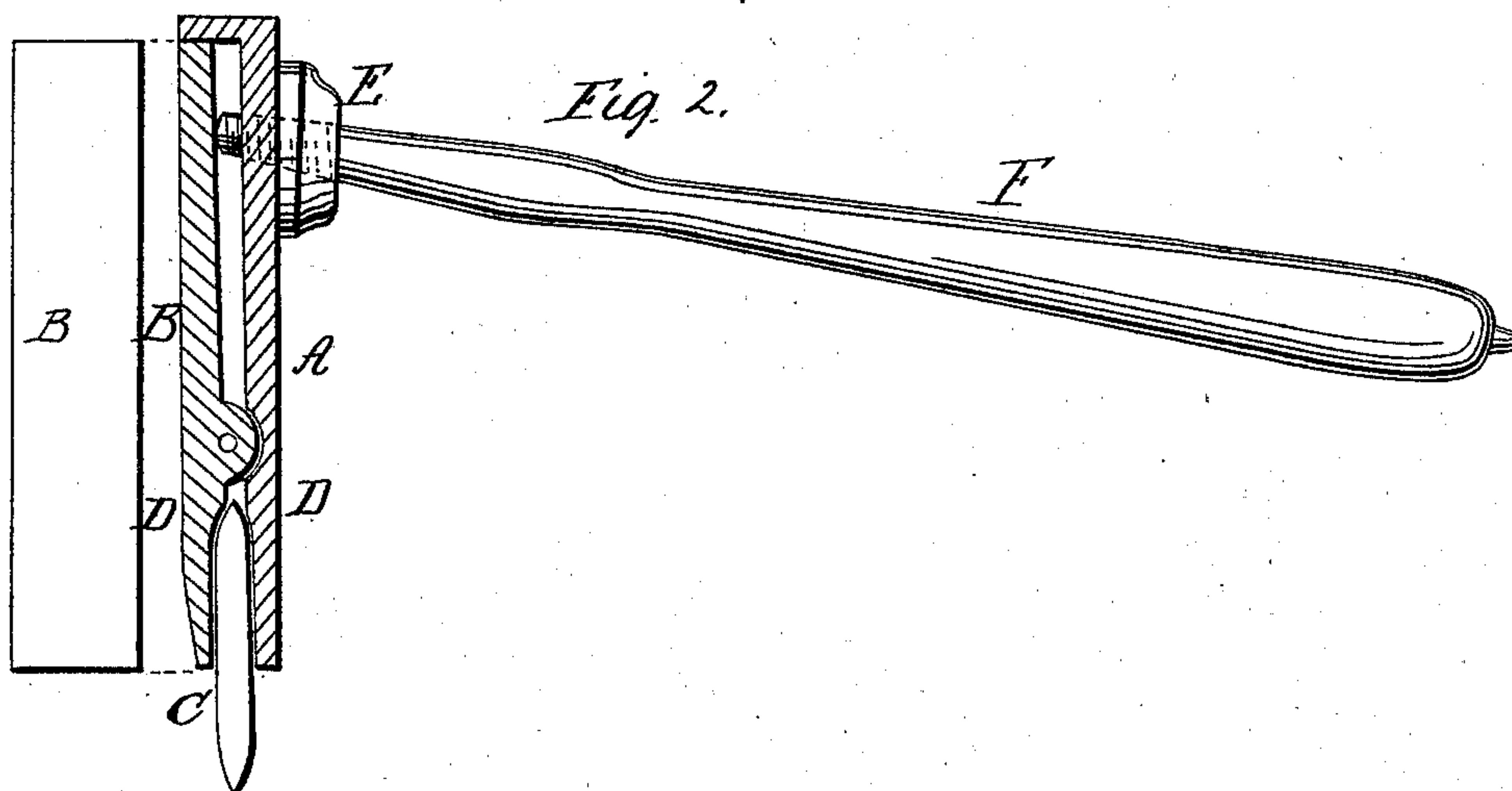


Fig. 2.



UNITED STATES PATENT OFFICE.

BENJAMIN HOSTLER, OF NORTH BROOKFIELD, NEW YORK.

MILL-PICK.

Specification of Letters Patent No. 32,190, dated April 30, 1861.

To all whom it may concern:

Be it known that I, BENJAMIN HOSTLER, of Brookfield, in the county of Madison and State of New York, have invented certain
5 new and useful Improvements in Picks for Dressing Mill and other Stones; and I do hereby declare that the same are described and represented in the following specification and drawings.

10 The nature of my invention consists in hinging a lever to the stock so as to clamp the picking tools between the lever and stock, by means of the handle substantially as hereinafter described.

15 To enable others skilled in the art to make and use the improvements which I have invented I will proceed to describe their construction, referring to the accompanying drawings in which the same letters indicate
20 like parts in each of the figures.

Figure 1, is an elevation of the pick. Fig. 2, is a sectional elevation through the line *z, z*, Fig. 1.

25 In these drawings A, is the stock or body of the pick made in the form shown in the drawings with a recess on one side for the lever B, which is hinged to A, as seen in Fig. 2, and in dotted lines in Fig. 1, so that the lever may be vibrated to fasten and
30 loosen the picking tool C, which is made in the form shown in the drawing and sharpened at each end, by being beveled on each side and there are some beveled shoulders D, D, Fig. 2, on the stock and on the lever,
35 which prevent the tool C, from being driven up into the stock. These shoulders D, D, are so constructed as to stop the tool, by coming in contact with the bevel on the tool, some distance from the edge, so as to

avoid the risk of breaking the edge of the 40 tool, which is made of a uniform thickness and sharpened at each end, so that when one end becomes dull from use, the other end may be worked by reversing it in the stock. The picking tools may be made so thin, and 45 tempered the whole length, and when dull may be sharpened with a very little grinding, without heating, hammering and tempering anew, in the manner picks are usually sharpened. 50

The stock is made with a protuberance E, upon it, which is perforated and provided with a female screw for the handle F, which has a male screw on it, and screws through the stock against the upper end of the lever, 55 so as to press the lower end against the tool and hold it fast in its place.

The end of the handle or the screw on it may be made of metal. And if it should be necessary or desirable there may be set 60 screws put in the upper end of the lever to act against the stock, or in the upper end of the stock, to act against the lever.

I believe I have described and represented my improvements in picks, for picking mill 65 and other stones, so as to enable any person skilled in the art to make and use them. I will now state what I claim and desire to secure by Letters Patent.

I claim— 70

Hinging the stock A, and lever B, together, so as to clamp the picking tools by means of the handle, substantially as described.

BENJAMIN HOSTLER.

Witnesses:

JOHN T. G. BAILEY,
CHARLES E. TRUMAN.