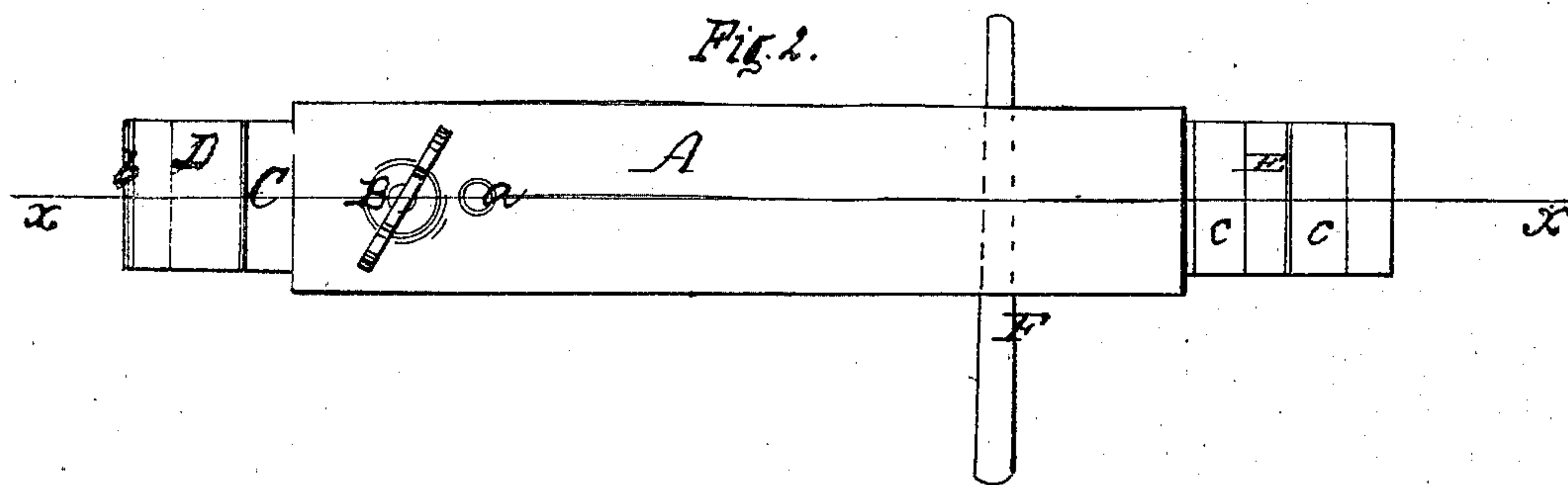
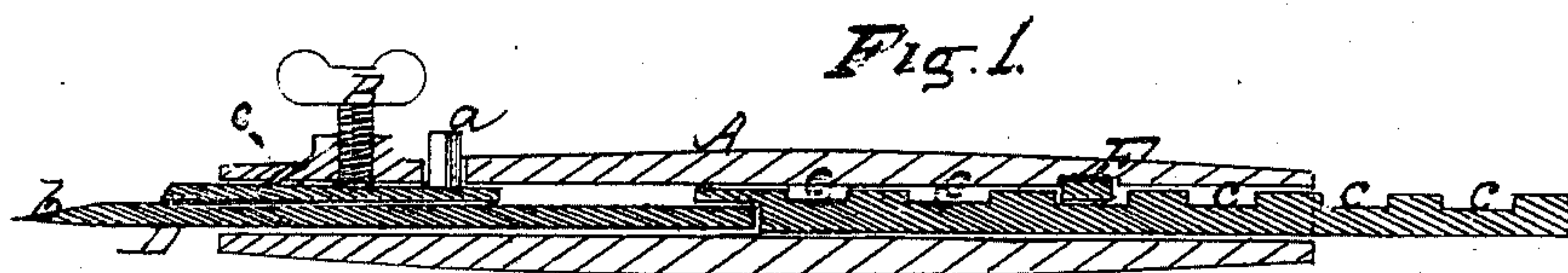


U. Stewart.

Mill Pick.

N<sup>o</sup> 71811

Patented Dec. 3, 1867.



Witnesses.  
Thos. Ince  
Wm. Trevin

Inventor.  
H. Stewart  
Per *Mumford*  
Attorneys.

# United States Patent Office.

UZZIEL STEWART, OF BERLIN, WISCONSIN.

*Letters Patent No. 71,811, dated December 3, 1867.*

## IMPROVED MILL-PICK.

*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, UZZIEL STEWART, of Berlin, in the county of Green Lake, and State of Wisconsin, have invented a new and improved Mill-Pick; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to a new and improved mill-pick, of that class which are provided with an adjustable cutter.

The invention consists in a novel construction of the pick, and the manner of securing the cutter in the stock thereof, whereby the cutter may, with the greatest facility, be adjusted to compensate for wear. In the accompanying sheet of drawings—

Figure 1 is a longitudinal section of my invention taken in the line *x x*, fig. 2.

Figure 2, a side view of the same.

Similar letters of reference indicate like parts.

A represents the stock of the pick, which is constructed of metal of equal width throughout, as shown in fig. 2, and thickest at the centre, tapering from the centre toward each end, as shown in fig. 1. This stock has an opening extending entirely through it, and a set-screw, B, passes through the stock, near one end of the same. A hole is also made in the stock, near the set-screw, through which a pin, *a*, passes, said pin projecting from a plate, C, which is fitted in one end of the stock, and projects a trifle beyond the end of the stock. D represents the cutter, which is constructed of steel, and has its outer end bevelled to form a cutting-edge, as shown at *b*. The cutter D, as well as the plate C, is equal in width to the interior of the stock A. E represents a plate which is grooved transversely at one side, as shown at *c*. These grooves are at equal distances apart. The plate E, like the plate C and cutter D, is equal in width to the interior of the stock; and holes are made in the narrow sides of the stock to admit of a key or wedge, F, being driven through, said key or wedge passing through one of the grooves *c* and holding the plate E in position. The inner end of the plate E is rebated, so that it may lap over the inner end of the cutter D, as shown in fig. 1, and prevent it from being driven up in the stock when the pick is in use; and this plate E, in connection with the set-screw B and plate C, holds firmly the pick in the stock.

As the cutter D is shortened by wear, it may be adjusted further outward by withdrawing the key F and shoving the plate E further into the stock, the key being inserted in a groove, *c*, nearer the outer end of E. The cutter may be removed from the stock at any time by unscrewing the set-screw B.

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

The stock A, in combination with the grooved plate E, key F, plate C, and set-screw B, all constructed and arranged to secure the cutter in the stock, substantially as shown and described.

UZZIEL STEWART.

Witnesses:

I. N. ROGERS,  
STILLMAN WRIGHT.