

C. S. FIFIELD.

SOLE EDGE BURNISHING TOOL.

No. 177,629.

Patented May 23, 1876.

Fig. 1.

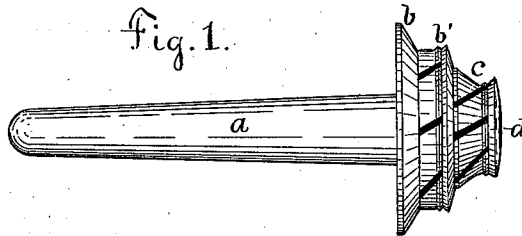
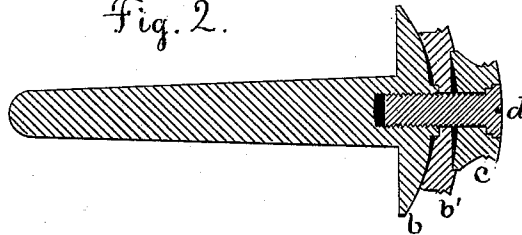


Fig. 2.



Chas. F. Sleeper.
J. E. Knox.

Charles S. Fifield
by J. E. Maynard
his atty.

UNITED STATES PATENT OFFICE.

CHARLES S. FIFIELD, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SOLE-EDGE-BURNISHING TOOLS.

Specification forming part of Letters Patent No. **177,629**, dated May 23, 1876; application filed April 24, 1876.

To all whom it may concern:

Be it known that I, CHARLES S. FIFIELD, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Tool for Rotary Edge-Burnishing Machines, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part hereof.

In the drawings, Figure 1 is a plan, and Fig. 2 is a longitudinal section, of one of my improved tools, especially adapted for use in the burnishing-machine now known as the "Dodge Edge-Setting Machine."

This tool consists of a conical tang, *a*, by which it is held in its revolving tool-stock, which has a corresponding conical bore, a burnishing-tool, *b b'*, for the toes and sides of the fore part, and a second burnishing-tool, *c*, for the shanks.

These three parts may all be made in one piece, if desired, especially if not scored across, as shown in Fig. 1; but, as this scoring is desirable, I prefer to make the tang *a* and the part *b* in one piece, the part *b'* a second piece, and the part *c* a third piece, and connect them together by the screw *d*.

By my invention I am enabled to make a compact, simple, cheap, and durable tool, adapted for the shank as well as the rest of the fore part, and not likely to get out of order.

What I claim as my invention is—

The improved tool above described, consisting of the parts *a b b' c*, arranged together, as set forth.

C. S. FIFIELD.

Witnesses:

J. E. KNOX,
J. E. MAYNADIER.