

W. T. NICHOLSON.  
Butchers' Steels.

No. 198,668.

Patented Dec. 25, 1877.

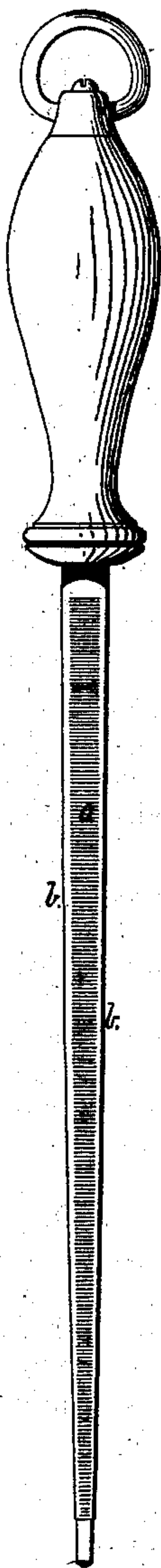


FIG. 1.

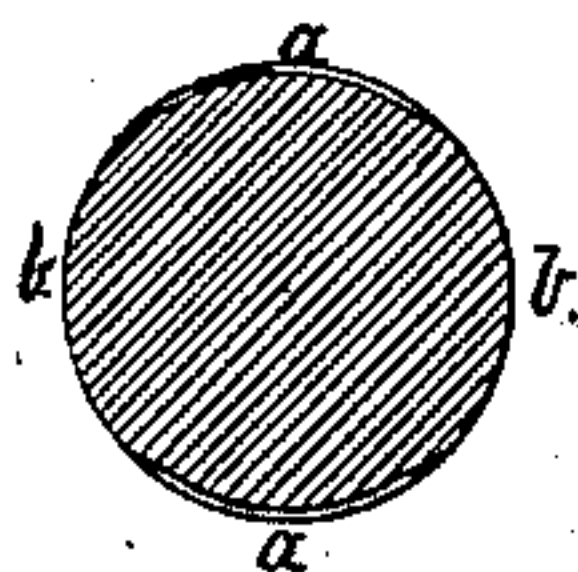


FIG. 2.

ATTEST.

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN BUTCHERS' STEELS.

Specification forming part of Letters Patent No. **198,668**, dated December 25, 1877; application filed  
December 6, 1877.

*To all whom it may concern:*

Be it known that I, WILLIAM T. NICHOLSON, of the city and county of Providence, in the State of Rhode Island, have invented certain new and useful Improvements in Butchers' Steels; and I do hereby declare that the following specification, taken in connection with the drawings furnished and forming a part of the same, is a clear, true, and complete description of my invention.

So far as my knowledge extends, no butchers' steels have heretofore been provided with means for finishing or polishing the edge of a knife, although various styles of cutting or abrasive surfaces have been devised for sharpening.

To afford a capacity for polishing an edge after the operation thereon of the cutting-surface of the steel is the object of my invention, which consists in a butcher's steel provided with the oppositely-located cutting-surfaces, and two oppositely-located smooth or finishing surfaces.

To more particularly describe my invention I will refer to the accompanying drawings, in which—

Figure 1 is a side view, and Fig. 2 a cross-section, of one of my novel steels.

The surfaces *a* are roughened in any of the well-known styles, so as to operate as cutting-surfaces when stroked with a knife in the usual manner. The surfaces *b* are smooth, and the steel being hardened, they operate successfully in well finishing an edge which has been attained with the cutting-surfaces. The cutting and the finishing surfaces are each oppositely located, in order that whichever operation is performed, the knife may be passed from side to side alternately, in a manner well known.

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

A butcher's steel provided with two oppositely-located cutting or abrasive surfaces and two oppositely-located smooth, polishing, or finishing surfaces, substantially as described.

WM. T. NICHOLSON.

Witnesses:

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THOMAS F. COSGROVE.