

W. T. NICHOLSON.
Butchers' Steels.

No. 198,668.

Patented Dec. 25, 1877.

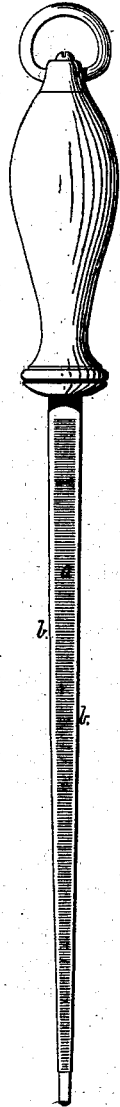


FIG. 11

ATTEST.

John D. Thurston
Thomas F. Conroy

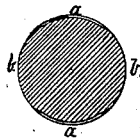


FIG. 2.

INVENTOR.

W. T. Nicholson

UNITED STATES PATENT OFFICE.

WILLIAM T. NICHOLSON, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
THE NICHOLSON FILE COMPANY, OF SAME PLACE.

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:

J. KNIGHT,
THOMAS F. COSGROVE.