

No. 870,399.

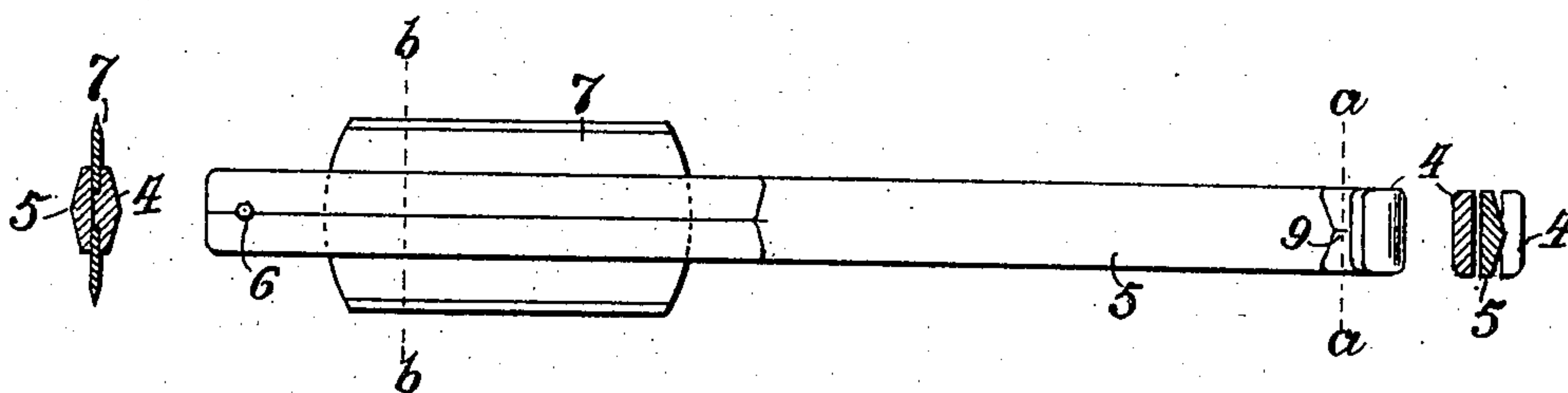
PATENTED NOV. 5, 1907.

N. A. WELLES.

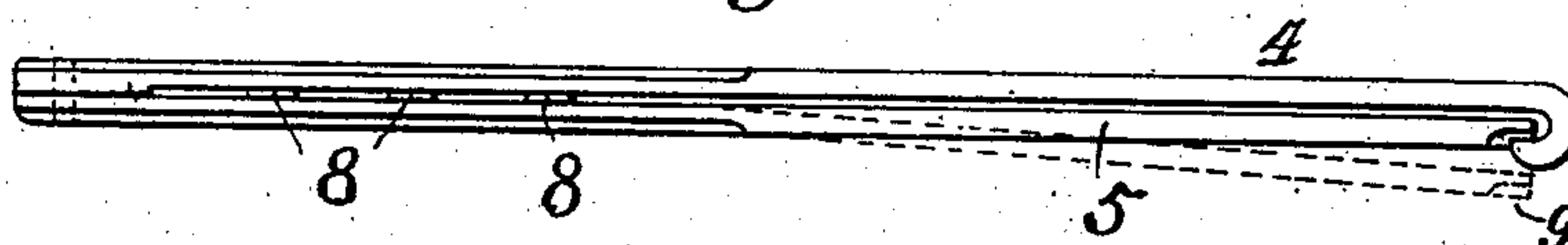
HOLDER FOR USE IN SHARPENING BLADES OF SAFETY RAZORS.

APPLICATION FILED DEC. 1, 1906.

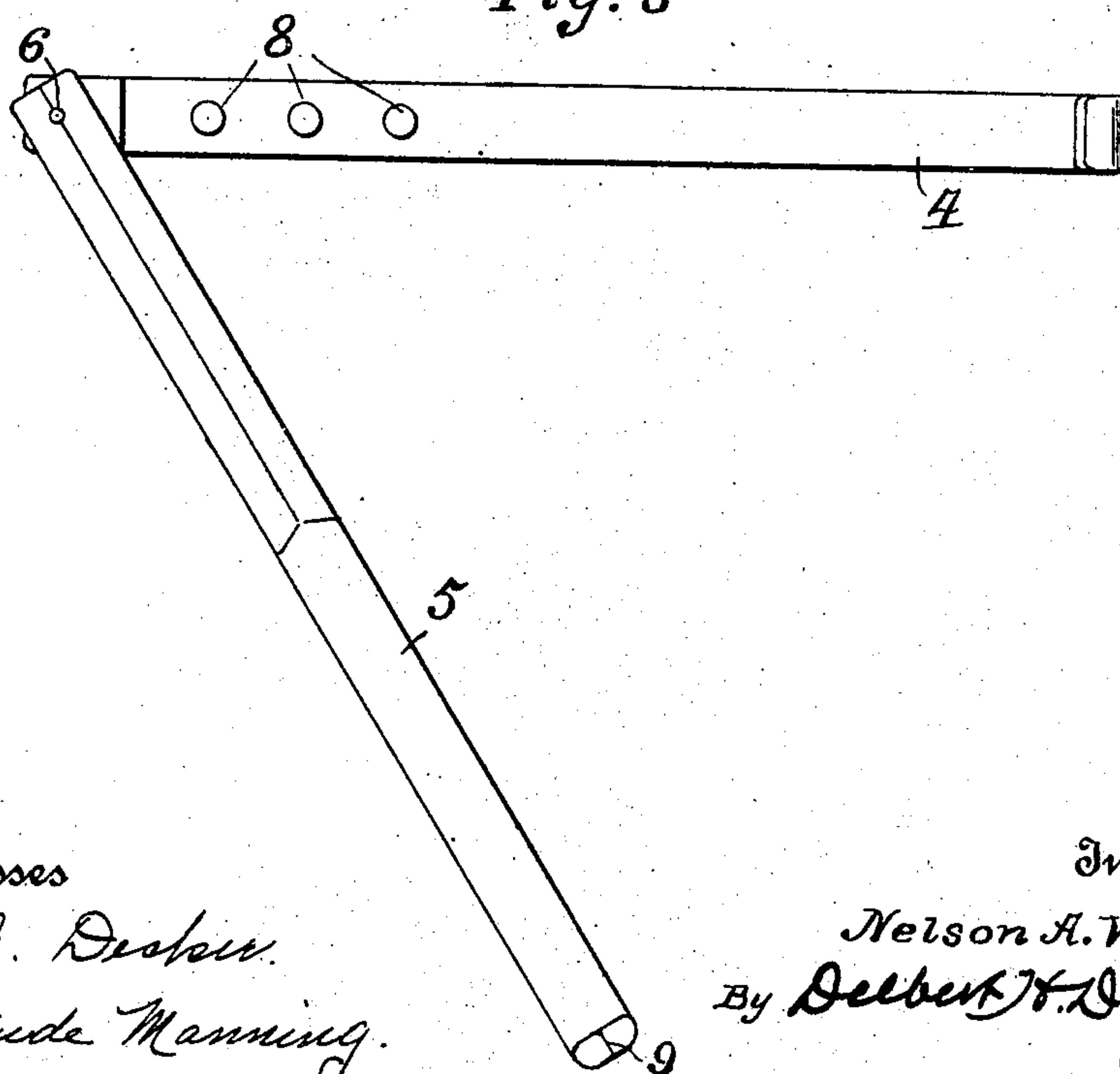
*Fig. 1*



*Fig. 2*



*Fig. 3*



## Witnesses

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# UNITED STATES PATENT OFFICE.

NELSON A. WELLES, OF WYALUSING, PENNSYLVANIA.

HOLDER FOR USE IN SHARPENING BLADES OF SAFETY-RAZORS.

No. 870,399.

Specification of Letters Patent.

Patented Nov. 5, 1907.

Application filed December 1, 1906. Serial No. 345,867.

To all whom it may concern:

Be it known that I, NELSON A. WELLES, a citizen of the United States, residing at Wyalusing, in the county of Bradford, State of Pennsylvania, have invented a new and useful Improvement in Holders for Use in Sharpening Blades of Safety-Razors, of which the following is a specification.

This invention relates to holders for use in sharpening blades of safety razors and is designed to provide a simple and convenient device for this purpose, in which the razor blade may be readily inserted and as readily removed, and by means of which both edges of said blade will be exposed so that one edge may be brought into engagement with the strop or hone when the holder is moved in one direction and the other edge when the holder is moved in the reverse direction.

Another object of the invention is to so shape that portion of the holder, in which the blade is retained that it shall serve as a guide for giving to the edge of the blade the desired bevel.

To this end, the invention consists in the structure substantially as hereinafter described and claimed.

In the accompanying drawings, which form a part of this specification, Figure 1 illustrates the improved holder in plan and shows at either end of said plan a transverse section, that at the right being taken on the line *a-a*, and that at the left being taken on the line *b-b*. Fig. 2 is an edge view of the holder with the blade removed. Fig. 3 is a plan of the holder in open position.

The holder consists of the handle 4 and the clamp 5, which are united at one end by the pivot 6. Both of these members are, for a distance back from the pivot, beveled towards either edge and these beveled surfaces furnish guides for giving the required bevel to the edges of the blade, which blade is indicated in Fig. 1 at 7. The handle member 4 has formed upon its inner surface, within the beveled portion, projections as 8, which pass through the perforations of the blade and the pivoted end of member 4 has on its inner surface a raised portion about the pivot of a thickness slightly less than that of the blade. The clamp member 5 is somewhat bowed as indicated in Fig. 2 for the purpose of retaining it in locked position. The lock or catch for this purpose may be formed as shown, simply by

recurving the free end of the handle and forming a notch therein and by beveling laterally the free end of the clamping member so that the ridge formed thereby will take into said notch.

To insert or remove the blade of a safety razor blade the clamp member is swung into position indicated in Fig. 3 and the blade placed upon or taken from the studs 8. When the blade has been placed upon said studs the clamping member is swung into parallel with the handle, the free end thereof being pressed down, so that the ridge 9 shall take into the notch of the recurved end of the handle. To remove the blade the free end of the clamping member may be pressed down until said ridge is free of the notch, when the clamping member may be freely moved laterally.

The invention claimed is:—

1. A holder for use in sharpening double edged blades of safety razors, consisting of a handle member and a clamping member provided with means for holding at its middle the blade of a safety razor so as to expose both edges thereof and beveled towards either edge to serve as a guide in sharpening both edges of the blade.

2. A holder for use in sharpening blades of safety razors consisting of a handle portion having a recurved end notched on its inner surface, a curved clamping portion pivoted to the opposite end thereof and having a ridge at its free end for engagement with the notch in said recurved end and means for holding the blade between said members.

3. A razor blade holder having a handle, and two clamping members adapted to hold between them a double-edged razor blade, each of said clamping members having its outer side beveled in two planes meeting at the axis of the clamping member, and respectively lying in the same planes as the planes of the edges of the said razor blade.

4. A device for holding safety razor blades, consisting of a pair of inter-pivoted members having opposed clamping portions of less width than the width of the razor blade to be clamped and shaped to expose both edges of the blade to the strop simultaneously, one of said members having holding projections on its inner face adapted to enter holes in the blades and both clamping portions having their outer surfaces double-beveled, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NELSON A. WELLES.

Witnesses:

SAYRE WELLES,  
J. MILES BROWN.