

P. R. BUCHHOLZ.
BLADE HOLDER.
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1,003,870.

Patented Sept. 19, 1911.

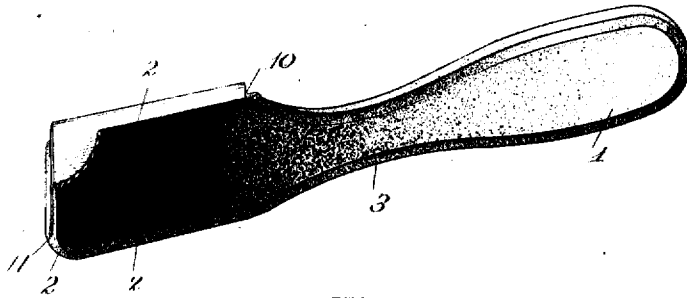
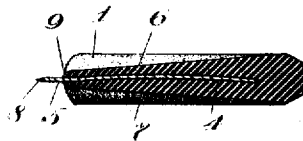


Fig. 1.

Fig. 2.



WITNESSES

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BLADE-HOLDER.

1,003,870.

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To all whom it may concern:

Be it known that I, PAUL R. BUCHHOLZ, a citizen of the United States, and a resident of Chattanooga, in the county of Hamilton and State of Tennessee, have invented a new and Improved Blade-Holder, of which the following is a full, clear, and exact description.

My invention relates generally to a blade holder, and more particularly to a holding device for flexible blades such as are used in safety razors.

An object of my invention is to provide a simple device, which is preferably of integral formation, which will securely hold a flexible blade in position for shaving or stropping.

Another object of the invention is to provide a simple device for holding a flexible blade in position for cutting or stropping, which will be of simple construction, of pleasing appearance, and of a low cost of production.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference denote corresponding parts in all the views and in which—

Figure 1 is a perspective view of my device with a thin blade in position for use; Fig. 2 is a sectional view thereof, on the line 2—2 of Fig. 1.

The device consists preferably of a single piece of material having a handle portion 1, at one end thereof, and a blade holding portion 2, at the opposite end, with a narrowed portion 3, at an intermediate position in order to provide a simple and effective handle. The blade holding portion 2, has a slot 4, extending transversely thereof, in which the flexible blade 5, is adapted to be placed. Each side of the portion 2, is preferably beveled, as at 6 and 7, at substantially the same angle as the cutting edge portion 8, of the blade, whereby the holder with the blade therein may be conveniently stropped at the proper angle.

Referring particularly to Fig. 2, it will be noted that the slot 4, is transversely curved; the central portion of this slot lies in a different horizontal plane than the end portions thereof, whereby when a thin blade is inserted in the slot it will be transversely flexed, as shown in this figure. The width of the slot 4, is sufficient to receive the body portion of the blade 5, and, due

to the peculiar conformation of this slot, the blade will be securely held in position therein, with the cutting edge 8, at variable distances from the end 9, of the holder. During the stropping operation, the pressure on the blade is at an angle to the cutting edge thereof, which will tend to flex the blade longitudinally but will not tend to force the blade any farther into the slot than the position in which it was placed therein.

The blade is conveniently inserted in the holder by merely flexing it sufficiently to enter the slot and then pushing it in as far as it will go. It may be removed therefrom by pressing against the inner, upper corner 10, of the blade, with one finger, thereby swinging the blade outwardly about the corner 11 thereof as a pivot.

My device need not necessarily be made in one piece, nor need it be made of any particular material, nor need it be of the particular formation shown.

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

1. A holder for flexible razor blades comprising a handle portion and a blade holding portion, the blade holding portion being provided with a slot extending for a suitable distance therein, the width of the said slot being uniform throughout its length, the end portions of either side wall of the said slot lying in substantially the same plane and the intermediate portions of either side wall lying in a substantially different plane, whereby when a flexible blade is inserted into the said slot in flexed condition, it will be held in position therein.

2. A holder for razor blades made up of a handle portion and a blade holding portion, the sides of the blade holding portion being beveled whereby they tend to approach each other, a slot contained in the said plate holding portion and at the narrowest end thereof, the said slot being transversely curved whereby, when a flexible blade is inserted into the said slot in flexed condition, the blade will be held therein by reason of its tendency to return to an unflexed condition, the beveled sides of the said holder offering a convenient support for the holder when the blade therein is drawn over the strop whereby the edge may be sharpened at the proper angle.

3. A holder for flexible razor blades, comprising a handle portion and a blade-holding portion, the blade-holding portion being provided with a slot extending for a
5 suitable distance therein, the end portions of the said slot lying in substantially the same horizontal plane and the intermediate portion of the slot lying in a substantially different plane, whereby when a flexible
10 blade is inserted into the said slot in flexed condition it will be held in position therein.

4. A holder for razor blades made up of a handle portion and a blade-holding portion, a slot in the blade-holding portion,

adjacent one side thereof, the said slot being transversely curved, whereby when a
flexible blade is inserted into the slot in a flexed condition the blade will be positioned therein, by reason of the frictional
engagement between the side walls of the
20 slot and the opposite sides of the blade.

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

PAUL RUDOLPH BUCHHOLZ.

Witnesses:

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