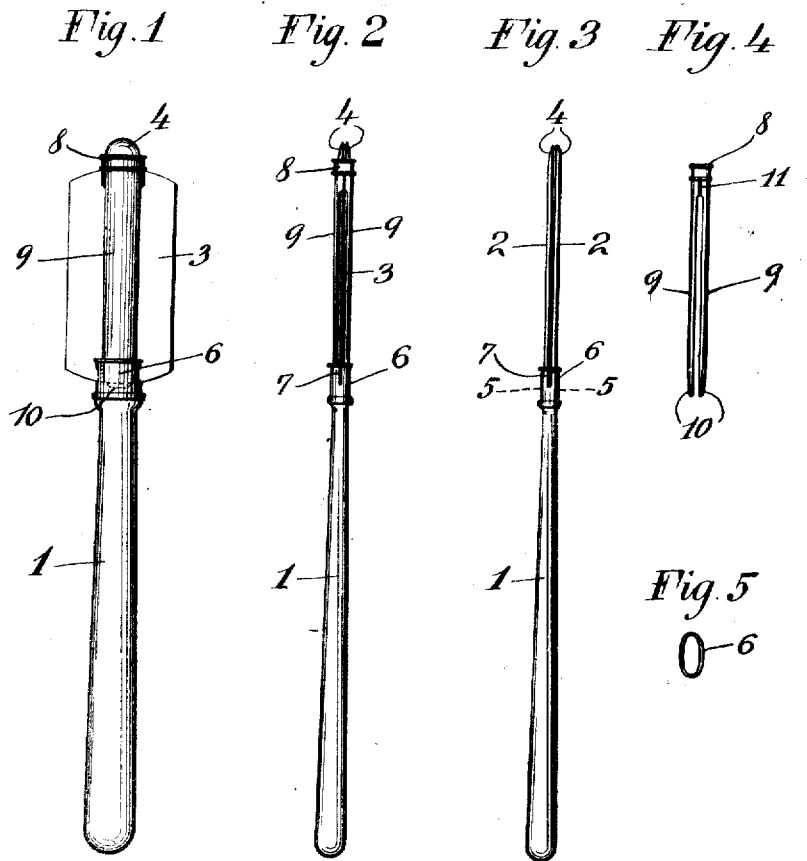


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 RAZOR BLADE HOLDER.
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1,009,329.

Patented Nov. 21, 1911.



Witnesses:
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UNITED STATES PATENT OFFICE.

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RAZOR-BLADE HOLDER.

1,009,329.

Specification of Letters Patent. Patented Nov. 21, 1911.

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To all whom it may concern:

Be it known that I, THOMAS J. MADIGAN, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Razor-Blade Holders, of which the following is a full, clear, and exact specification.

This invention relates to razor blade holders, and more particularly has reference to a handle or holding device for double or single edged safety razor blades, whereby the blade can be quickly fastened for sharpening or stropping, and also firmly clamped, without the use of screws.

One object of the invention is to provide a clamping device which will firmly hold the blade against displacement during sharpening, and which at the same time can be cheaply constructed.

In the accompanying drawing, Figure 1 represents in perspective a handle, constructed according to my invention, with the blade in position; Fig. 2 is a side view; Fig. 3 shows the handle with one member of the blade clamp separated; Fig. 4 shows the separated blade clamp; and Fig. 5 is a section of the handle on the line 5, 5 of Fig. 3.

1 represents the handle having the separated resilient clamping bars 2, 2, separated to form a space in which to contain the blade 3 and having the rounded ends 4, 4. The base portions of the resilient clamping bars 2, 2 are provided with a ring or cap 6 having a slot 7 to receive the end of the blade, to hold the blade from turning. 8 represents a clamp member having separated clamping arms 9, 9, beveled at their ends 10 to pass within the cap or ring 6. 11 is a slot at the other end of clamp member 8 which receives the other end of the blade 3 and thereby prevents turning of the blade.

In order to clamp the blade in the holder, it is first placed in approximately central position between the clamping bars 2, 2 and in the bottom of the slot 7 of ring 6. Then the clamping member 8 is forced thereon, as far as it will go, and only the blade is held in the slot 11. It will be seen that a clamping effect on each end is secured by the beveled ends 10 wedging the bars 2, 2 together at the inner end of the blade, and the beveled ends 4, 4 being wedged together

at the outer end by the ring portion of the clamping member 8. The firm positioning of the blade is also assured by reason of the naturally curved ends which some blades have, thereby permitting the clamping ring 8 and the ring 6 to engage the ends of the blade at separated points, and thereby firmly holding the blade in position.

From the foregoing description it will be seen that I have provided a blade holder wherein the blade will be firmly held at each end by the wedging action of the clamping rings, and without necessitating the use of screws, pivoted clamps, or other extraneous devices.

It is thought that the method of use will be obvious from the foregoing description, it being seen that my device is adapted either for clamping single or double edged blades.

Various modifications in the construction and details may be made without departing from the scope of the invention, which consists generally in clamping both ends of the blade simultaneously by means of clamping members cooperating with clamping rings of fixed diameter, and acting by friction without the use of screws or the like.

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

1. The combination with a split handle, having a clamping ring, of a split, separable clamping member adapted to engage said clamping ring at one end, and to be engaged at the other end by the split end of said handle, to clamp a blade.

2. A razor blade holder comprising a handle portion having its end split to receive a blade, a ring adjacent and surrounding the inner end of the split portion, and a clamping member comprising a ring adapted to receive the split portions of the handle and having separated bars adapted to pass into said ring on the handle.

3. A razor blade holder comprising a handle carrying clamping bars separated to receive a blade, a slotted ring secured to said handle, and a separable blade clamping member comprising a ring to clamp said bars on the handle, and a pair of bars adapted to be clamped by said slotted ring.

4. A razor blade holder comprising a han-

dle having separated clamping bars to receive a blade, a clamping ring carried by said handle and having slots adapted to register with the space between said clamping bars, and a removable clamping member comprising a slotted ring having two bars adapted to pass into said ring on the handle.

In testimony whereof I affix my signature, in presence of two witnesses.

THOMAS J. MADIGAN.

Witnesses:

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G. N. KERR.