

W. J. MILES, JR.
 RAZOR STROPPING DEVICE.
 APPLICATION FILED AUG. 6, 1907.

910,563.

Patented Jan. 26, 1909.

Fig. 1.

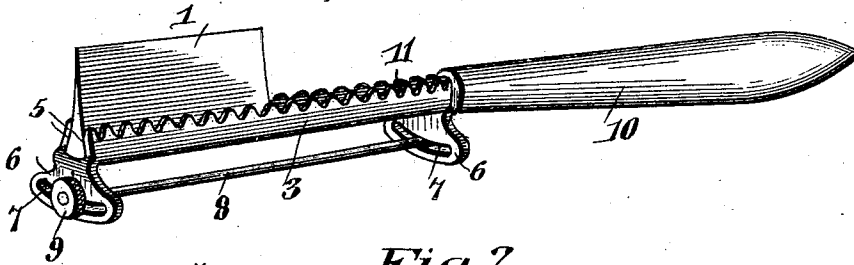


Fig. 2.

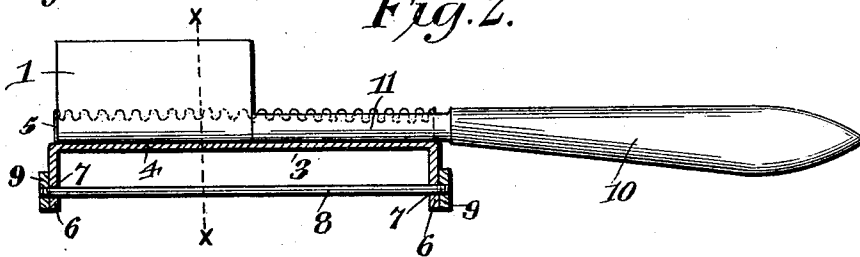


Fig. 3.

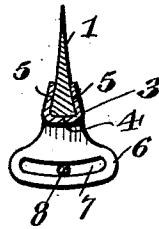


Fig. 4.

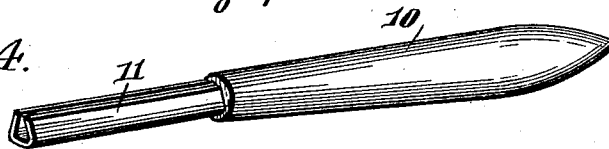
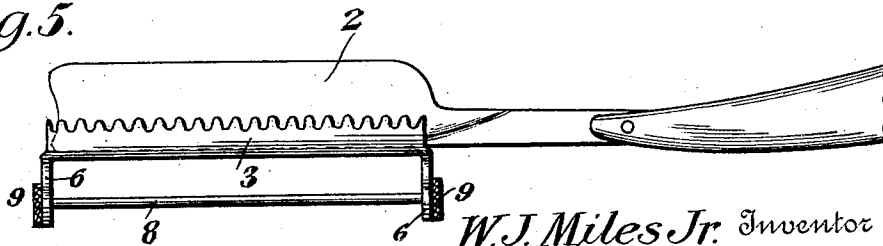


Fig. 5.



Witnesses
Jas. E. McLathran
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UNITED STATES PATENT OFFICE.

WILLIAM J. MILES, JR., OF MIDDLETOWN, OHIO.

RAZOR-STROPPING DEVICE.

No. 910,563.

Specification of Letters Patent.

Patented Jan. 26, 1909.

Application filed August 6, 1907. Serial No. 387,307.

To all whom it may concern:

Be it known that I, WILLIAM J. MILES, JR., citizen of the United States, residing at Middletown, in the county of Butler and State of Ohio, have invented a new and useful Razor-Stropping Device, of which the following is a specification.

The invention relates to improvements in razor stropping devices.

10 The object of the present invention is to improve the construction of razor stropping devices, and to provide a simple, inexpensive and efficient razor stropping device adapted to be applied to either a safety razor, or a
15 common razor, and capable of retaining a razor blade flat upon a razor strop while stropping the same, whereby the edge of the razor will be effectually prevented from being rounded by such stropping operation.

20 A further object of the invention is to provide a razor stropping device of this character, adapted to enable a razor to be stropped in the ordinary manner and provided with means for engaging the back of a strop, or
25 preventing the back or rear edge of the razor from being lifted from the strop, whereby the razor blade will be caused to move over the strop in a perfectly flat position.

With these and other objects in view, the
30 invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims hereto appended, it being understood that various
35 changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

40 In the drawing:—Figure 1 is a perspective view of a razor stropping device, constructed in accordance with this invention and shown applied to the blade of a safety razor. Fig. 2
45 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view, taken substantially on the line *x—x* of Fig. 2. Fig. 4 is a detail perspective view of the handle of the device. Fig. 5 is a side elevation, showing the device applied to an ordinary razor.
50 Like numerals of reference designate corresponding parts in all the figures of the drawing.

The razor stropping device, which is adapted to receive either a safety razor blade 1, or
55 the blade 2 of a common razor, embodies a

holder 3, constructed preferably of resilient sheet metal, and composed of spaced clamping sides and a connecting back portion 4, which form a longitudinal blade-receiving groove or guide 5 to enable the holder to telescope over the back of a razor blade. The blade-receiving groove and the spaced sides of the holder 3 conform to the configuration of the back of a razor blade, and the latter is clamped by the sides of the holder, whereby
60 it is firmly held during the stropping operation.

The holder is provided at its ends with integral transverse ears or flanges 6, preferably tapered inwardly, as shown, to form outer
70 enlarged portions and having curved slots 7, arranged transversely of the holder and receiving a rod or bar 8. The rod or bar 8, which may be constructed of wire, or any other suitable material, is provided at its
75 ends with heads 9, preferably consisting of nuts engaging threaded portions of the rod or bar 8 and arranged at the outer face of the ears or flanges 6. The rod is spaced from the back of the holder to permit a strop to be
80 passed between it and the said holder, and it is adapted to engage the back of the strop to prevent the back of the razor blade from being lifted from the strop during the stropping operation, whereby the blade of the razor is
85 retained on the strop in a flat position to avoid rounding the cutting edge and thereby impairing the efficiency of the razor. The rod or bar 8 is movable in the curved slots, and is shiftable from one side of the holder
90 to the other as the holder is turned in stropping the razor. The device permits a razor to be stropped in the usual manner and insures a proper cutting edge, which can be obtained only by keeping the blade flat upon
95 the strop.

The device is equipped with a handle 10, having a shank 11, tapered in cross section to fit the groove of the holder, and adapted to be inserted therein, as illustrated in Figs. 1
100 and 2 of the drawing, when a safety blade is placed in the device. When, however, the device is used for stropping the blade 2 of an ordinary or common razor, the handle 10 is not employed, and the razor is held in the
105 usual manner by the shank of the blade and the handle thereof. The shank may be constructed of any suitable material, but it is preferably made of sheet metal similar to the holder 3.

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

1. In a razor stropping device, the combination with a razor blade holder having a groove or guide adapted to receive either the blade of a safety razor or an ordinary razor, a handle relatively rigid with the blade and the holder and removable from the latter and directly controlling the movements of the former in turning the blade on a strop, and means carried by the holder for engaging the back of the strop to prevent the back of the razor blade from being lifted from the strop while stropping the blade, said means being loosely connected with and having a limited movement independently of the blade and the holder.

2. A razor stropping device comprising a razor blade holder having a groove to receive either the blade of a safety or an ordinary razor and having rearwardly projecting lugs, and means carried by the holder for engaging the back of a strop to prevent the back of the razor blade from being lifted from the strop while stropping the blade, said means being loosely connected with the said lugs and shiftable from one side of the holder to the other as the blade is turned on the strop and movable independently of the blade.

3. A razor stropping device comprising a razor blade holder having a groove or guide to receive the back of the blade of a razor and open at one end, a rod or bar spaced from the back of the holder a sufficient distance to

allow the passage of a strop, and means for connecting the rod or bar to the holder for preventing the back of the razor blade from being lifted from the strop while stropping the blade and for permitting the rod to shift from one side of the holder to the other side thereof as the blade is turned on the strop, said means forming a loose connection and permitting the rod to move independently of the blade.

4. A razor stropping device comprising a razor blade holder provided at its ends with transversely disposed lugs or ears having slots disposed transversely of the holder, and a rod or bar operating in the slot and spaced from the holder, said rod or bar engaging the back of the strop and movable in the slot from one side of the holder to the other as the blade is turned on the strop.

5. A razor stropping device comprising a holder having a blade-receiving groove, means arranged in spaced relation with the holder for engaging the back of the strop to prevent the back of a razor blade from being lifted from the strop, and a handle having a shank of a size to fit within the groove of the holder.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM J. MILES, JR.

Witnesses:

EDMUND L. McCALLAY,
WILLIAM S. McCracken.