

No. 870,877.

PATENTED NOV. 12, 1907

A. H. FLEMING.
RAZOR BLADE HOLDER.
APPLICATION FILED JULY 26, 1907.

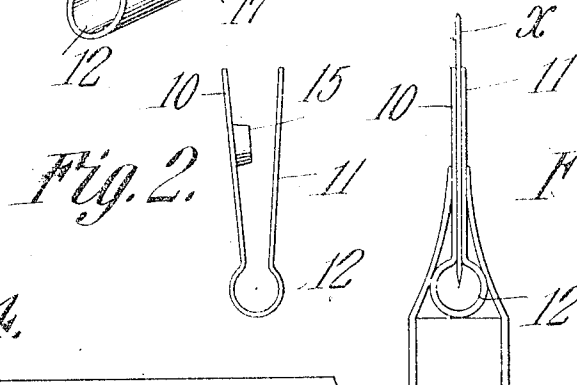
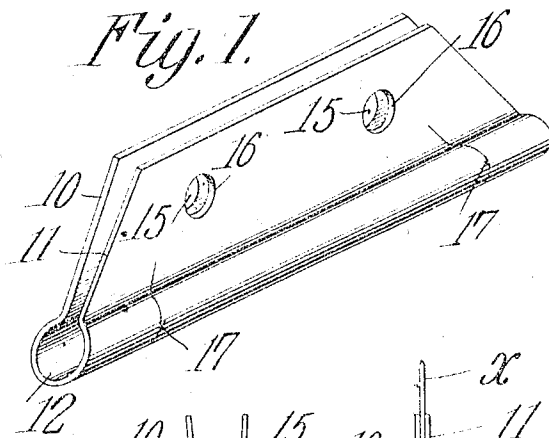


Fig. 4.

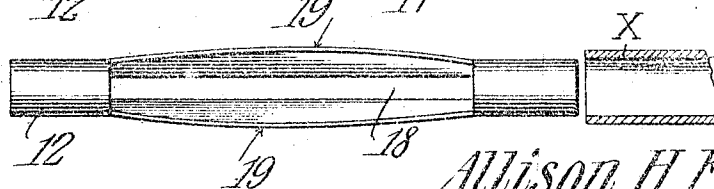
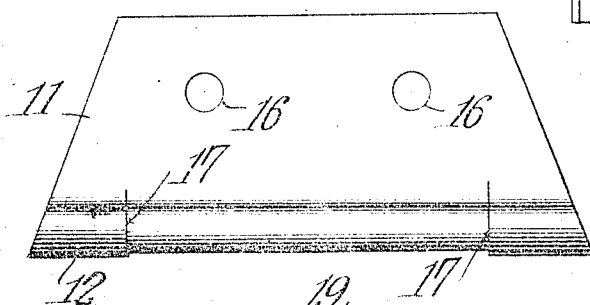


Fig. 5.

Witnesses

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ALLISON H. FLEMING, OF FAIRMONT, WEST VIRGINIA.

RAZOR-BLADE HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALLISON H. FLEMING, a citizen of the United States, residing at Fairmont, in the county of Marion and State of West Virginia, have invented a new and useful Razor-Blade Holder, of which the following is a specification.

This invention relates to razor blade holders and especially to devices of that general class employed for holding razor blades in stropping or honing devices.

10 The invention aims more particularly to provide a novel and effective holder for razor blades of that general class known as Gillette blades, where the blade is provided with a number of openings for the reception of supporting pins.

15 A further object of the invention is to provide a holder in the nature of a spring metal clip which may be effectively clamped on the blade, and which is of such construction as to frictionally bind within the receiving socket of the stropping or honing device.

20 With these and other objects in view, as will more fully hereinafter appear, the invention consists in certain novel features of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and particularly 25 pointed out in the appended claims, it being understood that various changes in the form, proportions, size and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

30 In the accompanying drawings:—Figure 1 is a perspective view of a razor blade holder constructed in accordance with the invention. Fig. 2 is a vertical section of the same in open position. Fig. 3 is a similar view showing the holder clamped on a blade. Fig. 35 4 is a side elevation of the holder drawn to an enlarged scale. Fig. 5 is a detail view looking at the back of the holder, a portion of the stropper being shown in section in readiness to receive the holder.

Similar numerals of reference are employed to indicate corresponding parts throughout the several figures 40 of the drawings.

The holder comprises a sheet of spring steel or similar metal, which is bent to form two leaves 10 and 11, these being joined by a curved back 12 which forms a 15 spring tending to move the leaves to the open position shown in Fig. 2. The leaf 10 is provided with pins 15 and the leaf 11 has openings 16 for the reception of the pins. The pins are arranged to pass through open-

ings that are formed in the razor blade x and thence through the openings 16, the leaves of the holder being 50 pressed down flat against the blade and held in this position when the holder is inserted in a socket X of the stropping or honing device.

It has been found difficult in holders of this general type to prevent endwise movement of the holder and 55 blade in the socket and to prevent movement of the holder without the employment of some auxiliary clamping means.

In the present instance this objection is overcome by slitting the back of the holder, as indicated at 17, 60 these slits extending completely across the curved portion of the back and into the rear portions of the leaves proper. Between these two slits, the metal of the back is cut away forming an elongated opening 18 and the walls 19 of such opening are sprung outward 65 forming two opposing convex faces which are in the nature of spring tongues, and the maximum width of which is greater than the width of the receiving socket X , while the maximum diameter of the uncut end portions of the back is approximately equal to the internal 70 diameter of the socket. As a result of this construction when the holder, having a blade in position, is forced endwise into the socket, the spring tongues 19 will be forced inward toward each other, and will 75 frictionally bind against the walls of the socket in such manner as to firmly hold the device from movement in any direction.

I claim:—

1. A razor blade holder comprising a spring clip having a curved back and integral leaves, the back having solid 80 ends and being split between said ends to form outwardly bent spring tongues for frictional engagement with the walls of a socket or similar support.

2. A razor blade holder comprising a pair of leaves and an integral spring back connecting them, the back and adjacent portions of the leaves being transversely slit and 85 the metal of the back between the two slits being cut away to form a pair of spring tongues.

3. A razor blade holder comprising a spring clip having a pair of outwardly bent socket wall binding tongues, said 90 tongues terminating short of both ends 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.

ALLISON H. FLEMING.

Witnesses:

WILBUR H. BRAND,
ALBERT L. B. DUDLEY.