

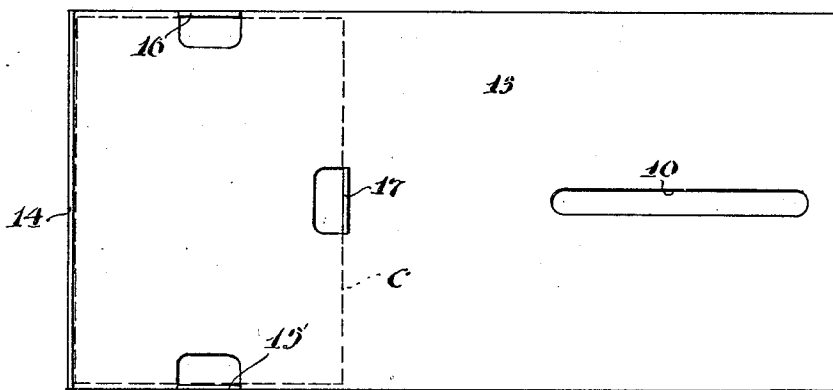
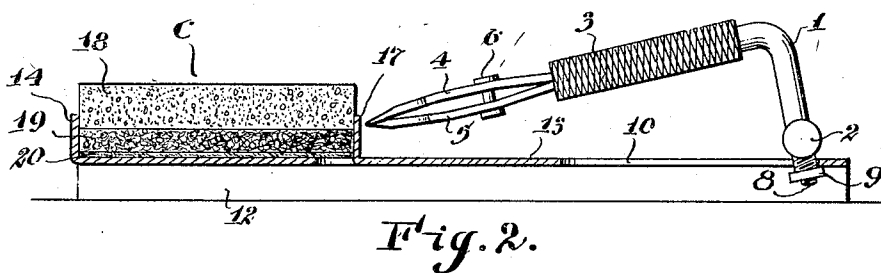
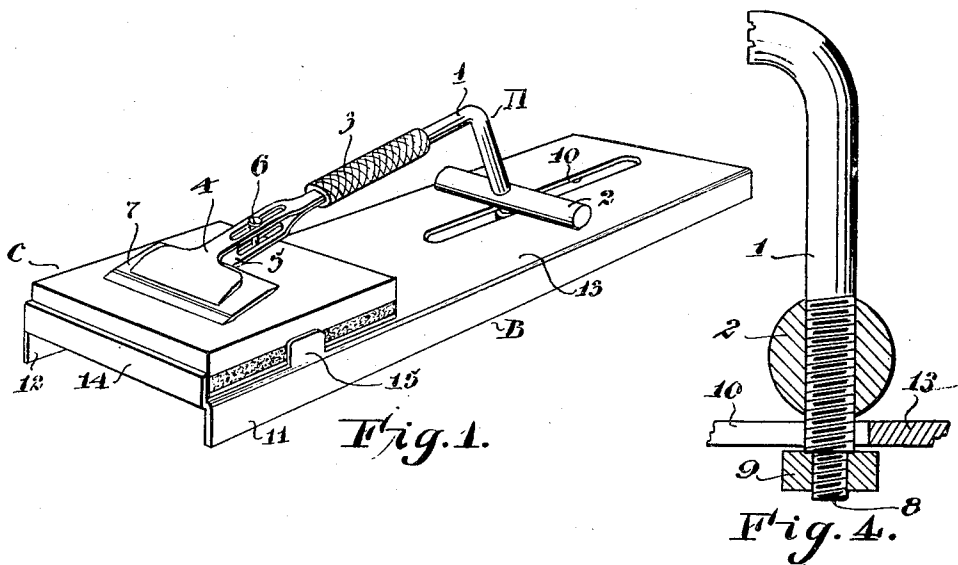
July 15, 1930.

H. J. WARNER

1,770,538

SUPPORT FOR BLADE HOLDERS

Filed Jan. 25, 1928



INVENTOR.
 Horace J. Warner
 BY *H. C. Johnson*
 ATTORNEY

UNITED STATES PATENT OFFICE

HORACE J. WARNER, OF ST. PAUL, MINNESOTA

SUPPORT FOR BLADE HOLDERS

Application filed January 25, 1928. Serial No. 249,286.

The present invention relates to a support for a blade sharpener.

In the stropping of razor blades with a blade holder, such as that shown in Patent No. 1,339,397, to Charles W. Jones, it may sometimes occur that the device holding the blade will be retracted so far that the blade will be drawn beyond the hone or strop and the edge of the blade injured thereby.

10 An object of the present invention is to mount a blade holder and blade sharpening member upon a base, said base having guide means for said blade holder.

In order to attain this object, there is provided, in accordance with one feature of the invention, a base of sheet metal formed to support a blade sharpening hone and strop, said base having a guide-way therein to receive a portion of a blade holder used in conjunction therewith to guide and limit the movement of said blade holder.

20 These and other features of the invention will be more fully brought out in the following description and the accompanying drawings, wherein:

25 Figure 1, is a view in perspective of a base made in accordance with the present invention, a combined sharpening hone and strop and a blade holder being shown in position thereon.

30 Figure 2, is a longitudinal vertical sectional view of the apparatus shown in Figure 1.

35 Figure 3, is a view in top elevation of the base member, a sharpening hone and strop being indicated in dotted lines; and

40 Figure 4, is an enlarged vertical, longitudinal, sectional view of the base of the blade holder, showing its engagement with the supporting base.

Referring to the drawings in detail, a blade holder A is of the type described and illustrated in Patent No. 1,408,355, to Charles W. Jones, and assigned to me. The blade holder comprises a bent shank 1 having a transverse support bar 2 connected to the lower end thereof and having a ferrule 3 pivotally connected to said shank to turn freely thereon. A pair of blade gripping jaws 4 and 5 are mounted in said ferrule and are pro-

vided with a sliding clasp 6 by means of which the jaws may be closed to grip a blade 7, as shown in Figures 1 and 2 by sliding the clasp forward, or opened by sliding said clasp rearwardly.

In the previous construction of blade sharpener, as shown and described in Patent No. 1,408,355, the bottom surface of the cross bar 2 is made flush so as to rest evenly upon a flat surface, but in the present instance, the shank 1 is extended through the cross bar 2 and extends below the lower surface thereof, as shown in Figure 4. The lower end 8 of the shank is of reduced diameter and is threaded to receive a nut 9, said nut resting upon the shoulder formed by the reduction of diameter of the lower end of the shank 1. The nut 9 is spaced from the bottom of the cross bar 2 a sufficient distance to permit free slidable movement of the extending portion of the shank in a slotted opening 10 cut lengthwise of the base B. The base B is formed of sheet metal with downwardly turned longitudinal edges 11 and 12 to form a support and to space the horizontal portion 13 of the base upwardly from a flat surface upon which it is intended to be supported. The end 14 of the metal sheet of which the base is formed is bent upwardly, and lugs 15 and 16 on either side of the base and a lug 17 in the center of the plate 13 are bent upwardly to receive a combined hone and strop C. The hone 18 has a layer 19 of felt or other cushioning material adhesively secured to one face thereof and a piece of strop leather 20 is adhesively secured to the face of the pad 19. The slot 10 is preferably of a length which will permit the blade holder A to clear the hone and strop member C when no blade is mounted in the blade holder, but which will limit the rearward movement of the blade holder when the blade is in position therein to prevent it being carried rearwardly of the strop and hone member C. This construction is desired, since it permits moving the blade holder clear of the hone for facility in packing, and, at the same time prevents sliding the blade rearwardly off the hone or strop when sharpening a blade,

which action might cause injury to the edge of the blade being sharpened.

In using the device, the blade 7 is gripped between the jaws 4 and 5 and is then slidably moved across the hone or strop, first on one side of the blade, and then on the other, to produce a stropping or honing action. The turning of the blade from one side to the other is accomplished manually by means of the swiveled ferrule 3.

I claim:

In a device for sharpening blades; a base, an edge treating element mounted thereon, said base showing a slot therein, a blade holding member comprising a blade holder at one end and a threaded extension at the opposite end, a nut on said threaded extension, a laterally extending member adjacent said threaded extension, the nut and laterally extending member normally maintaining the blade holding member in the slot, whereby the movement of said blade holding member is limited.

In testimony whereof I affix my signature.

HORACE J. WARNER.