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D. P. MOON

RAZOR BLADE HOLDER

Filed April 18, 1923

Fig. 1.

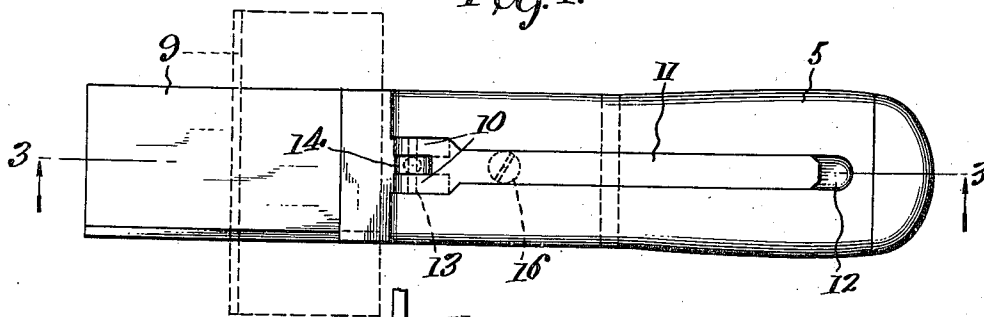


Fig. 2.

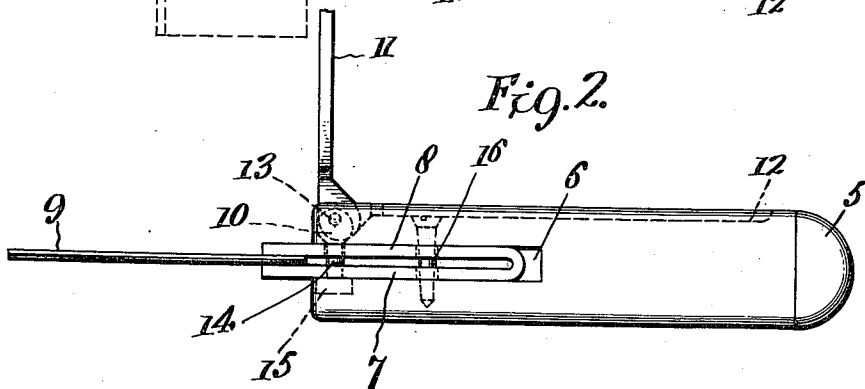


Fig. 3.

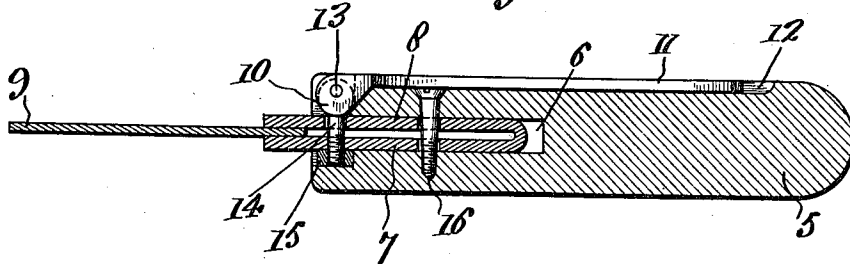
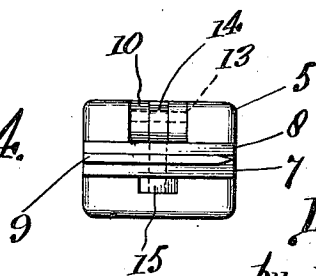


Fig. 4.



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UNITED STATES PATENT OFFICE.

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RAZOR-BLADE HOLDER.

REISSUED

Application filed April 18, 1923. Serial No. 632,897.

To all whom it may concern:

Be it known that I, DON PARDEE MOON, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented certain new and useful Improvements in Razor-Blade Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to improvements in razor blade holders and consists more particularly in a device for holding used or unused safety razor blades of practically any make in such way that the device and blade in combination may be used as a knife, or for a variety of other purposes, such as ripping seams, sharpening pencils, cutting leather and fur, stencil cutting, wood block carving, whittling, trimming wall paper, erasing ink from drawing paper, paring corns, as a paper cutter and letter opener, in kitchen work for peeling and cutting, for chopping meats, nuts and vegetables, as a putty knife, for stropping or honing razor blades and for numerous other uses which will readily suggest themselves to others skilled in this art.

It is an object of the invention to provide a simple, inexpensive and readily manipulated device for carrying out the above and other purposes.

With the foregoing and other objects in view, the invention will be more fully described hereinafter, and will be more particularly pointed out in the claims appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views,

Figure 1 is a top plan view of an improved razor blade holder constructed according to the present invention.

Figure 2 is a side view of the same showing the locking lever in the raised position.

Figure 3 is a vertical section with the locking lever closed, and

Figure 4 is an end view.

Referring more particularly to the drawings, 5 designates a handle of wood or other appropriate material shaped to fit the hand of the user and formed with a recess 6 in its outer end for receiving the clamp composed of the jaws 7 and 8 spaced apart an

adequate distance to receive therebetween a razor blade indicated at 9.

The clamp may be made in one piece as indicated in Figures 2 and 3 and a flat strip of cold rolled steel returned upon itself or doubled will serve the purpose as this steel affords sufficient resiliency to normally spread the jaws 7 and 8 sufficiently wide apart to easily admit of slipping the blade 9 therebetween. The jaws are compressed by the use of a cam or eccentric 10 carried upon a locking lever 11 which is provided with an elongated handle adapted to lie flush in a recess 12 made in the wooden handle 5. The arrangement is such that the hand of the user of the device in grasping the wooden handle 5 will also encompass the handle of the locking lever 11 and the mere act of holding the device will therefore further operate to avoid any possibility of the escape of the razor blade due to the accidental movement of the locking lever. The locking lever is secured upon a pin or fulcrum 13 passing through the head of a bolt 14 which is threaded into a nut 15 mounted at the outer side of the jaw 7.

The jaws 7 and 8 of the clamp extend well beyond the end of the wooden handle 5 to facilitate the insertion of the blade and to provide a sufficient area of contact between the blade and the jaws without interference from the bolt 14. The locking lever is bifurcated at its pivoted end as more clearly illustrated in Figures 1 and 4 and the two forks of the lever straddle the head of the bolt 14 and thus in effect two cams or eccentrics 10 result, one at each side of the bolt and bearing equally upon the outer face of the jaw 8. Of course the arrangement and disposition of the lobes of the cams is such that the tendency will be to hold the handle of the lever 11 close against the wooden handle 5 by the inherent elasticity in the clamp. The clamp is secured in place by the use of an anchoring screw 16 or the like which is threaded through the handle in a transverse direction and through openings made to receive same in the jaws 7 and 8.

In the use of the device the blade 9 may be inserted between the open jaws either sidewise or endwise as indicated in Figure 1 according to the use to which the device is put. The insertion is made when the lever 11 is in the raised position indicated in Figure 2 and for the purpose of facilitating

ing the raising of the lever, the recess 12 in the wooden handle is preferably slightly longer than such lever thereby admitting of the insertion of the finger or an implement 5 behind the lever to pry it up. In this position the lobes of the cam ride away from the outer face of the jaw 8 and the inherent elasticity of the clamp will cause the jaws to open. After the blade is inserted the lever 10 11 is swung down to the position shown in Figures 1 and 3 thus exerting, due to the long handle, relatively great turning moment.

The cam will thus lock the jaws together 15 upon the blade and the blade will be held firmly and will resist any tendency to dislocation during use.

It will be appreciated that by reason of the projecting character of the clamp jaws 20 the blade may be inserted sidewise without interference from the handle as the sides of the jaws are open and this ability to receive the blade in not only an endwise but also a sidewise manner is responsible for the 25 greater utility of the device. While I have mentioned a few uses for the implement it will of course be understood that I do not restrict myself to the same as no doubt the improved tool will be found useful for many 30 other purposes.

It is obvious that various changes and modifications may be made in the details of construction and design of the above specifi-

cally described embodiment of this invention without departing from the spirit thereof, 35 such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. A razor blade holder comprising a han- 40 dle, a clamp carried thereby for receiving the blade, and a cam lever operating upon said clamp to hold the blade therein, said lever adapted to lie alongside of said handle.

2. A razor blade holder comprising a han- 45 dle, a clamp carried therein having normally open jaws adapted to receive a safety razor blade, a cam lever carried by said handle and adapted to lie in close position substantially parallel with the handle, said cam 50 lever acting upon said clamp to force the jaws thereof together on said blade.

3. A razor blade holder comprising a han- dle having a recess in one end and a slot 55 along its top portion, a pair of clamp jaws fitted in said recess and projecting beyond said recess and having open front and side portions, means to anchor the jaws in said recess and to the handle, a bolt passing 60 through said jaws, a cam lever having a bifurcated cam end pinned to said bolt and operating upon the jaws to move the same together, said cam lever adapted to swing down into the slot made in the top part of said handle.

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