

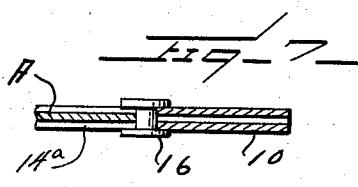
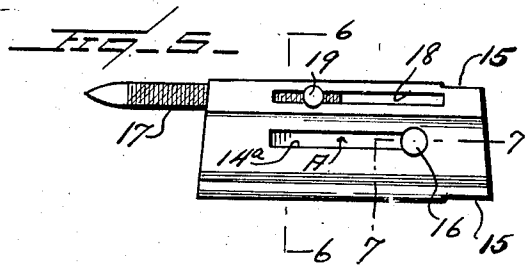
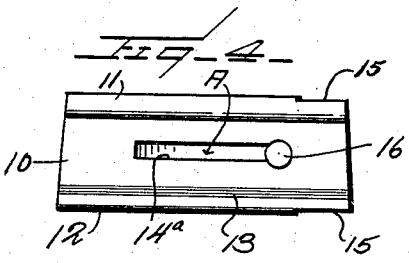
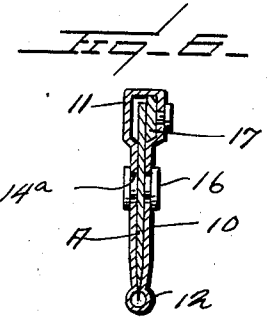
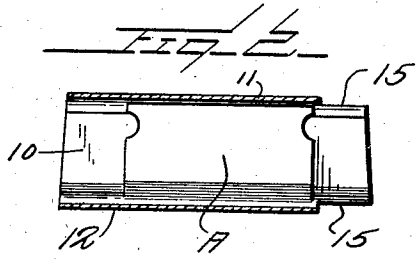
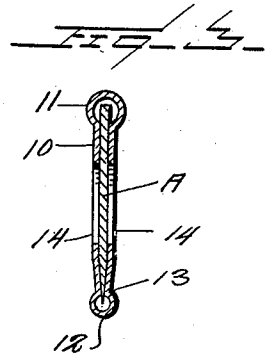
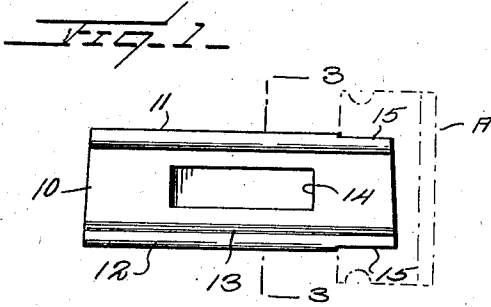
Feb. 4, 1930.

O. P. GREENSTREET

1,745,535

RAZOR BLADE AND NAIL FILE HOLDER

Filed Aug. 16, 1928



Inventor

O. P. Greenstreet

By *Watson B. Coleman*
Attorney

UNITED STATES PATENT OFFICE

OLIVER P. GREENSTREET, OF OWENSVILLE, MISSOURI

RAZOR-BLADE AND NAIL-FILE HOLDER

Application filed August 16, 1928. Serial No. 300,076.

This invention relates to razor blades for use as erasers, knives, scrapers, etc., the object being to provide a holder of very simple construction which will permit the use of discarded or new razor blades for scraping paints, pare corns, cutting thread, and the like, and which is so constructed that the sharp edge of the razor blade will not be dulled but will be prevented from coming in contact with the shield or sheath within which the razor blade is normally fully contained.

Another object is to provide means whereby the blade may be projected either wholly or partially, and another object is to provide a projectable and retractible finger nail file mounted in said sheath.

My invention is illustrated in the accompanying drawing, wherein

Figure 1 is a side elevation of one form of my razor blade holder;

Fig. 2 is a longitudinal sectional view thereof showing a razor blade in place therein;

Fig. 3 is a section on the line 3—3 of Fig. 1;

Fig. 4 is a side elevation of another form of my device;

Fig. 5 is a side elevation of a form like that shown in Fig. 4, but showing a nail file mounted therein;

Fig. 6 is a section on the line 6—6 of Fig. 5; and

Fig. 7 is a fragmentary section on the line 7—7 of Fig. 5.

In Figure 1, I have illustrated a very simple form of my invention, wherein 10 designates a sheath of thin sheet metal, this sheath being so formed as to provide an enlarged bead 11 at the back of the sheath and a small bead 12 along the edge of the sheath, this small bead being defined by a constricted neck 13 extending along the whole length of the sheath. The sheath is open at one or both ends and is adapted to contain a razor blade such as the blade A. The sheath is preferably made of resilient metal so as to press against the blade and hold it firmly in place against any tendency of accidental dropping out of the sheath. One

side wall of the sheath is formed with an elongated slot 14 permitting the introduction of a finger so as to permit the blade A to be projected either wholly or to a greater or less extent from one end of the sheath.

Preferably the holder or sheath will be longer than the blade A and the sheath at one end will be longitudinally slitted at its edges, that is along the beads 11 and 12 as at 15, so that the blade A may be taken out of the holder and inserted in said slits so as to extend crosswise of the holder, as shown in Fig. 1 in dotted lines, to thereby permit the device to be used for scraping paint from glass or for a large number of other purposes.

In Figure 4, I illustrate another form wherein the blade is projected by means of a button 16 having sliding engagement through a slot 14^a, this button bearing against an end of the blade and by this means the blade may be readily forced out to any desired extent.

In Figure 5, I illustrate in connection with the blade holder or sheath a nail file 17 operating within the bead 11 of the sheath and bearing flat against one face of the blade A. The bead 11 is shown as longitudinally slotted at 18 and the button 19 is attached to the file 17 so that the file may be projected or retracted, of course, independently of the projection or retraction of the razor blade A.

It will be seen that my holder permits old razor blades to be used as cutting or scraping tools, that it provides a convenient handle for the blade when so used and that when out of use the blade is entirely enclosed within a sheath so that the blade may be carried in a pocket without danger of cutting the pocket. Furthermore, it will be noted that the sheath does not bear at any point against the sharp edge of the blade but that this sharp edge is fully protected. As illustrated the devices as shown in Figs. 4 and 5 are also formed with the slots 15 whereby a razor blade may be disposed crosswise as shown in dotted lines in Fig. 1, so that it may be used as a scraper.

What I claim is:—

1. A holder for razor blades comprising a sheath open at one end and adapted to con-

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tain the razor blade, the sides of the sheath being formed to frictionally hold the razor blade within the sheath, that margin of the sheath which engages the edge of the razor blade being contracted to tightly fit on each side of the beveled edge of the blade and beyond this contracted portion having a bead to protect the cutting edge of the blade, the sheath being longer than the blade, and means whereby the blade may be projected or retracted through the open end of the sheath, the sheath at one end having longitudinal slots at its opposite edges to permit the razor blade to be disposed transversely of the sheath and in said slots.

2. A razor blade holder formed to provide a sheath of thin metal open at its ends and within which a razor blade is frictionally held, the opposite walls of the sheath being longitudinally slotted whereby the razor blade may be projected beyond the sheath, the sheath along one margin being formed with a relatively large bead and adjacent its opposite margin being contracted so as to bear against the beveled edge of the blade and beyond said contraction being formed with a bead to protect the cutting edge of the blade, the sheath being longer than the blade and at one end having longitudinal slots along the opposite edges of the sheath whereby to permit the razor blade to be disposed transversely of the sheath and into said slots.

In testimony whereof I hereunto affix my signature.

OLIVER P. GREENSTREET.