June 18, 1929. A. F. LUTCH 1,718,161

HAMMER DEVICE

Filed Sept. 5, 1928

Fig. 1.

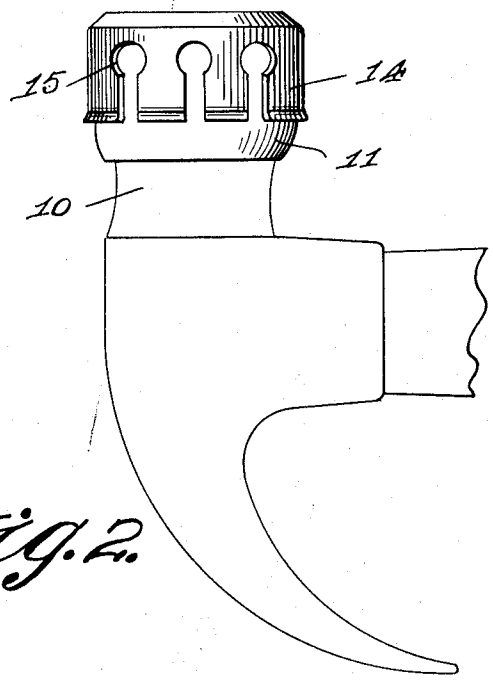


Fig. 2.

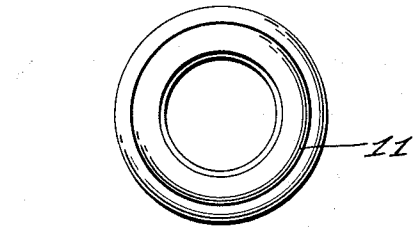


Fig. 3.

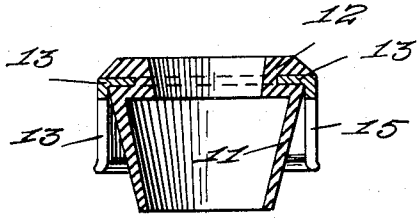


Fig. 5.

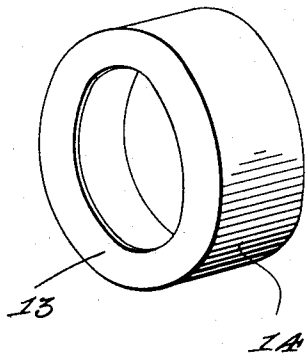
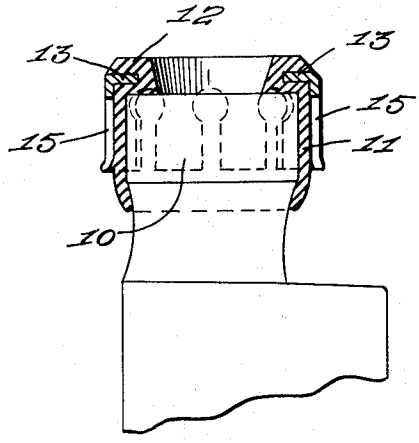


Fig. 4.



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Patented June 18, 1929. 1,718,161

UNITED STATES PATENT OFFICE.

ANTHONY F. LUTCH, OF HAYS, PENNSYLVANIA.

HAMMER DEVICE.

Application filed September 5, 1928. Serial No. 303,984.

This invention relates to a protector for hammers, so that an ordinary hammer may be used in the capacity of a finishing hammer, that is to say to permit an ordinary hammer to be used on woodwork and various other places where without a protector the ordinary hammer might do injury to the same, the present invention contemplating certain improvements over the construction illustrated in Patent #1,663,886 issued to me on March 27, 1928.

The present invention contemplates a protector comprising a sleeve of relative soft yieldable material capable of being easily and quickly slipped over the striking head in the head of a hammer or removed therefrom as the occasion may require, the sleeve being supported in a retaining cap for holding sleeve in position upon the hammer, while the cap is constructed to permit the sleeve to be easily removed therefrom when it is desired to replace the sleeve with a new one.

The nature and advantages of the invention will be better understood when the following detail description is read in connection with the accompanying drawings, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application like numerals of references indicate similar parts in the several views and wherein:—

Figure 1 is a fragmentary side elevation of a hammer showing the application of the invention.

Figure 2 is a top plan view of the protector.

Figure 3 is a vertical sectional view through the protector removed from the hammer.

Figure 4 is a similar view showing the protector associated with the hammer.

Figure 5 is a perspective view of one form of a case cap.

Referring to the drawings in detail, 10 indicates the striking head in the head of a hammer, the latter being of ordinary well known construction, while the protector forming the subject matter of the present invention is adapted to be associated with this head in the manner clearly illustrated in Figures 1 and 4.

The attachment or protector comprises a sleeve of some relatively soft material, preferably rubber indicated at 11, and the body portion preferably of frusto-conical shape as illustrated in Figure 3. This sleeve is of a size to slip over the striking head of a hammer, while the sleeve is formed with a relatively thick outer end portion 12 which is bent inwardly to repose upon the striking surface of the hammer as illustrated in Figure 4. This thickened end portion is, of course, provided with a central opening so that the striking head 10 of the hammer can be brought into contact with the nail or other object being dealt with, said thickened portion is also formed with an annular groove to permit the sleeve to be quickly and easily associated with or removed from the retaining cap as the occasion may require.

The retaining cap may vary in construction without departing from the inventive idea, and may also be constructed from any suitable material, preferably metal formed with an inwardly directed flange 13 which is positioned within the groove of the sleeve above mentioned. The body 14 of the retaining cap surrounds the body portion of the sleeve, although the latter projects an appreciable distance beneath the lower end of the cap so that the sleeve can be removed from the cap when desired. The diameter of the cap is such as to snugly hold the attachment in position upon the hammer, and obviously when the sleeve 11 is slipped over the striking head 10 it is extended and forced into engagement with the wall or body portion 14 of the cap.

As shown in Figure 1 this body portion may be slotted vertically and spaced apart to increase the resiliency of the sleeve, the slot being indicated at 15; or the body of the cap uninterrupted as illustrated in Figure 5. The invention is very simple in construction and can be manufactured and sold at a nominal cost, and when placed upon the striking head of an ordinary hammer, the latter can be used as a finishing hammer, so as not to mar polished or finished woodwork or the like should it be brought in contact therewith during use of the hammer.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described and that such changes may be

resorted to when desired as fall within the scope of what is claimed.

What I claim is:

1. A protector for hammers comprising a sleeve of relatively soft material adapted to be slipped over the striking head of the hammer, and including a relatively thick apertured end portion projecting inwardly from the body of the sleeve and adapted to repose upon the striking surface of the head, said end portion having an exterior annular groove, and a retaining cap including a circumferential series of spaced resilient fingers surrounding the sleeve and yieldingly pressing the inner portion of the sleeve against the striking head, and an inwardly directed flange received by the groove whereby the cap is carried by the sleeve.

2. A protector for hammers comprising a sleeve of relatively soft material and including an inverted normally frusto-conical shaped body portion, and a relatively thick apertured end portion having an exterior annular groove, and a retaining cap carried by the sleeve and including an inwardly directed flange received by said groove, and depending spaced resilient fingers normally spaced from the body portion of the sleeve.

In testimony whereof I affix my signature.

ANTHONY F. LUTCH.