No. 763,306. PATENTED JUNE 21, 1904.

D. L. MILLER.

FOOT PAD FOR FURNITURE.

APPLICATION FILED SEPT. 16, 1903.

NO MODEL.

FIG. 1.

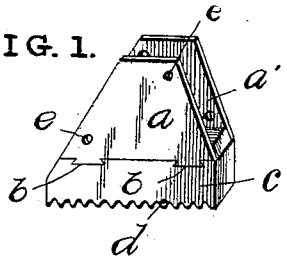


FIG. 5.

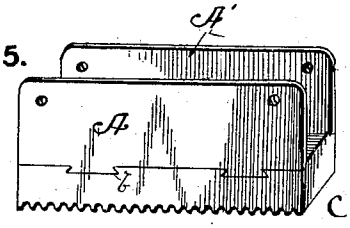


FIG. 2.

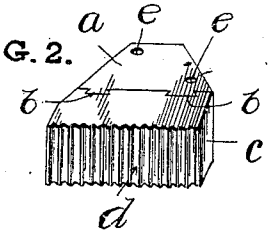


FIG. 6.

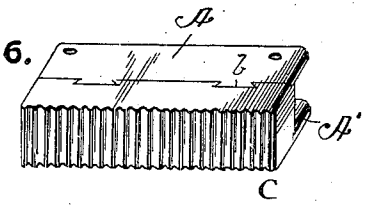


FIG. 3

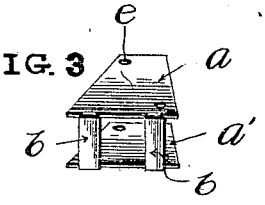


FIG. 7.

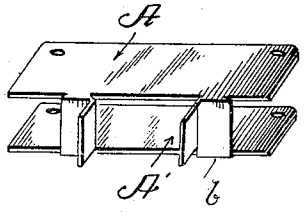


FIG. 4.

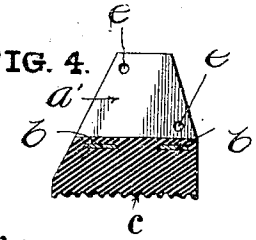
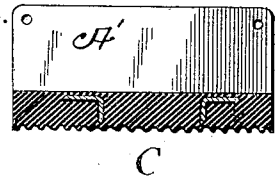


FIG. 8.



Witnesses
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No. 763,306. Patented June 21, 1904.

UNITED STATES PATENT OFFICE.

DENIS LONG MILLER, OF LOUISVILLE, KENTUCKY.

FOOT-PAD FOR FURNITURE.

SPECIFICATION forming part of Letters Patent No. 763,306, dated June 21, 1904.

Application filed September 16, 1903. Serial No. 173,408. (No model.)

To all whom it may concern:

Be it known that I, DENIS LONG MILLER, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Foot-Pads for Furniture, of which the following is a specification.

This invention relates to pads or feet especially adapted for use with step-ladders, but also applicable for use with other articles or furniture.

The object of the invention is to produce an elastic or noiseless pad which may be quickly and cheaply attached to ladders, furniture-feet, &c., and which will prevent noise when the article is moved from place to place and will prevent slipping on a smooth floor.

The invention consists in a peculiar construction of pad-holder and pad, as will now be described.

Figure 1 is a perspective view of a holder and pad applicable to the foot of a step-ladder. Fig. 2 is a perspective view of the same in a different position. Fig. 3 is a perspective view of the metallic frame or holder. Fig. 4 is a cross-section of the holder and pad. Fig. 5 is a perspective view of a modified form of holder and pad. Fig. 6 is a different view of same. Fig. 7 is a perspective view of the frame. Fig. 8 is a cross-section of holder and pad.

The metallic holder, frame, or socket consists of two side pieces *a a'*, connected by cross-bars *b b*.

Letter *c* indicates a rubber block or pad formed, preferably, by molding the rubber round the cross-bars *b b*. The bars *b b* may be embedded in the rubber to a greater or lesser extent. The sectional form of the bars may vary, although the dovetailed form shown in the drawings is quite efficient.

The operating-face *d* of the pad may be corrugated in any desirable manner, so as to reduce the liability of slipping to a minimum. The upper face of pad *c* rests against the leg of the ladder or other article to which the device may be applied.

The sides of the holder *a' a'* are preferably perforated, as at *e e*, so the holder may be attached to the leg of a ladder or other article.

Figs. 4 to 8 show a device in all essential particulars the mechanical equivalent of the forms heretofore described. The frame or holder A A' is made larger for attachment to a larger leg. It will be readily understood that the outer form of this holder or socket is not important.

The frame or holder may be of cast or wrought metal. A convenient method of construction is to have the holder struck up from metal plate and the rubber molded on the bars thereof.

As will be seen by the drawings, the flat side plates of my holder or socket can be attached by suitable devices to both faces of the leg of a wooden step-ladder or other article of furniture, thus strengthening the leg against splitting and holding the rubber pad firmly directly under the end of such leg. Thus there will be a good reinforce at both sides of the leg, and the flat rubber pad will be held firmly under the bottom of said leg by the bars embedded in said rubber or firmly embracing it on all sides. As will be seen, the upper part of the body of the pad lies between the two side plates A A', and the cross-bars *b b* near the ends firmly hold the pad *c* between them. The lower corrugated face of pad *c* is directly beneath said cross-bars. The bars thus support the pad in place and receive a part of the pressure thereof when a weight is supported on the leg of the ladder or other article.

What I claim is—

In a furniture foot-pad, the combination of a metallic holder consisting of two parallel, perforated side plates and integral cross-bars near the ends of the plates connecting the said side plates, and a rubber pad surrounding and projecting above and below said cross-bars.

In testimony whereof I affix my signature in presence of two witnesses.

DENIS LONG MILLER.

Witnesses:
S. M. O'BRIEN,
W. W. DAVIES.