(No Model.)

L. H. CLAMER.

FASTENING DEVICE FOR DOOR MATS.

No. 451,633. Patented May 5, 1891.

Fig. I.

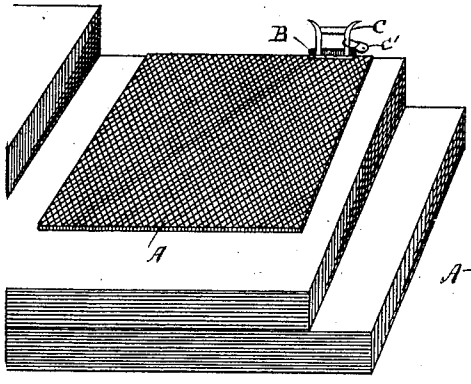


Fig. II.

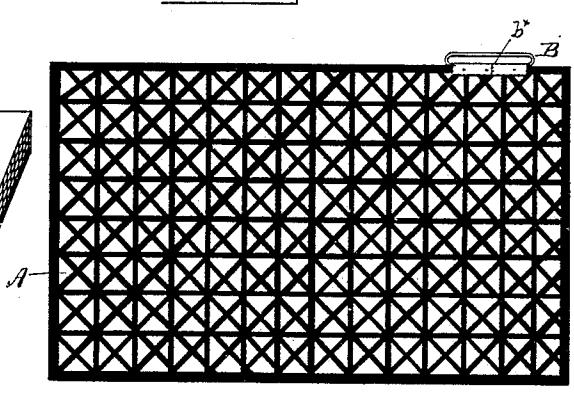


Fig. III.

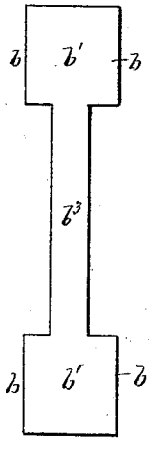


Fig. VI.

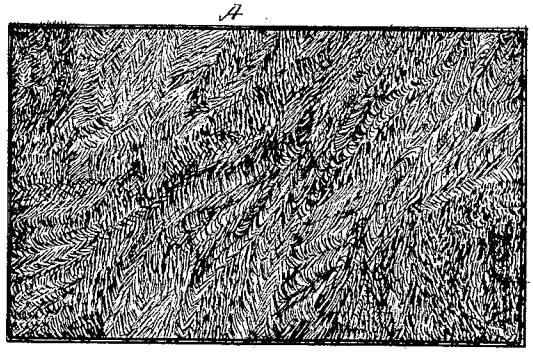


Fig. IV.

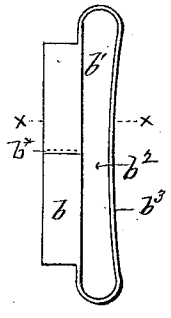
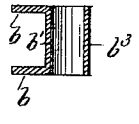


Fig. V.



Witnesses:-
Chas. S. Kalb.

Inventor:-
Louisa H. Clamer,
By Atty J. M. Kalb.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LOUISA H. CLAMER, OF PHILADELPHIA, PENNSYLVANIA.

FASTENING DEVICE FOR DOOR-MATS.

SPECIFICATION forming part of Letters Patent No. 451,633, dated May 5, 1891.

Application filed January 24, 1889. Serial No. 297,372. (No model.)

To all whom it may concern:

Be it known that I, LOUISA H. CLAMER, a citizen of the United States, residing at Philadelphia, (No. 1925 Columbia avenue,) in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Fastening Devices for Door-Mats; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to devices for fastening door-mats to foot-scrapers and other protruding parts at steps, in vestibules, hallways, &c.; and the object of the invention is to provide a device which will hold the mat from displacement by use in cleaning the feet and at the same time afford a partial locking means for the mat to prevent its being picked up and carried off by thieves.

The fastener is made of metal or any other suitable material, and the loop can be made to fit snugly upon the scraper with sufficient elastic pressure to hold the mat with some force and to prevent it from being readily picked up by sneak thieves. If desired, a lock may be placed upon the scraper above the loop of the fastener to securely lock the mat.

The following detailed description will more fully disclose the nature and purpose of my said invention and the manner in which I construct and use the same.

The accompanying drawings illustrate what I consider the best means for carrying my invention into practice.

Figure I is a perspective view of a mat with a fastener in use over a scraper. Fig. II is a plan view of a mat with a separately-formed fastener attached. Fig. III is a view of a blank from which the fastener is made. Fig. IV is a plan of the fastener detached. Fig. V is a section of Fig. IV on line X X. Fig. VI is a plan view of a woven mat, to which the fastening is to be applied.

Similar letters of reference indicate corresponding parts in all the figures where they occur.

A is a mat. In the drawings a rubber or woven mat is indicated; but it will be understood that any sort of mat can be used with my fastener.

C is the scraper.

B is my fastener.

The fastener is a single separate piece formed with jaws or horizontal wings b b, between which an edge of the mat is placed, and rivets are put through the jaws and mat, thereby securing the fastener and mat together. The back b', with which the jaws b b are formed, is carried around from end to end and forms the loop b^2, which is to pass over and encompass the scraper. The side b^3 of the loop may be made with an elasticity which presses it inward against the rear side of the scraper with sufficient force to prevent the mat from readily being removed from the scraper, particularly so when the top of the scraper is of greater thickness than the bottom, which is frequently the case.

If desired, to entirely prevent surreptitious and unauthorized removal of the mat, I may provide a padlock, as C', the bail of which is locked through an opening in the scraper and securely holds the mat against removal.

The fastener is preferably produced in one integral piece from a blank, such as is shown in Fig. III, which, after having the jaws or wings struck up at right angles to the blank, is bent to form the loop b^2 and joined by riveting, soldering, or otherwise, as shown at b^*, Figs. II and IV.

With this device secured to a mat and placed over a scraper the mat will be held against displacement by use, and will afford a substantially fixed surface on which to wipe the feet, thus increasing the utility of the mat and the convenience of the user, while rendering the operation of cleaning the boots much more expeditious. At the same time it to a great extent removes the temptation which a loose unattached mat presents to sneak thieves and vagrants, and may be made to afford a complete prevention against unauthorized removal by use of the lock, as described.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The herein-described fastening for mats, consisting of a single piece of sheet metal having the back *b'* to rest against the edge of the mat and the jaws *b b* extending outward from the back to clamp the upper and lower surfaces of the mat, and an integral loop extending from the ends of the back for engagement with a scraper.

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

LOUISA H. CLAMER.

Witnesses:
F. T. CLARK,
C. H. MENTZER, Jr.