

992,357.

Patented May 16, 1911.

Fig. 1.

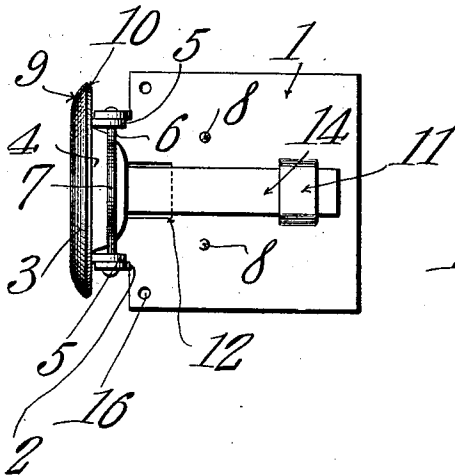


Fig. 2.

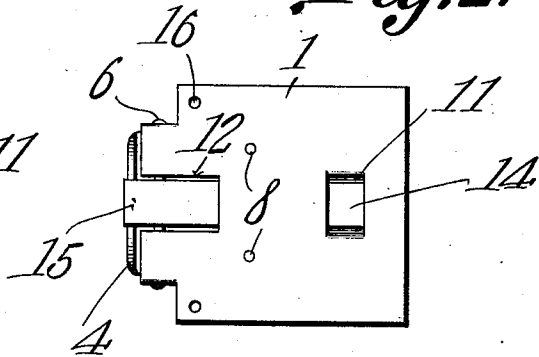


Fig. 3.

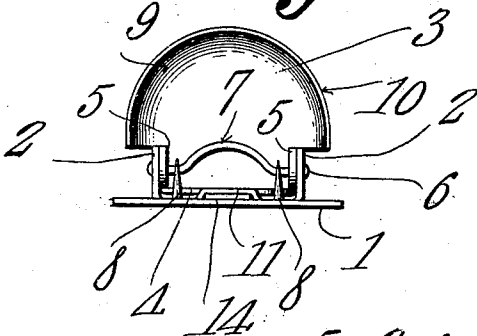


Fig. 4.

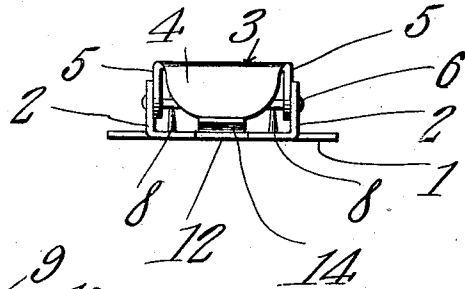
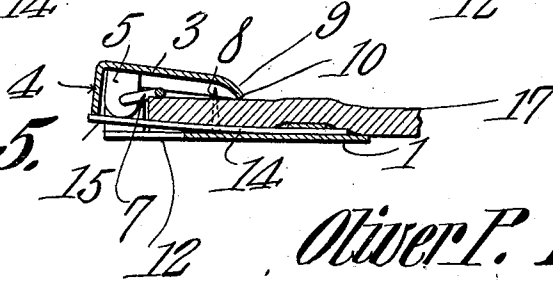


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

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RUG-FASTENER.

992,357.

Specification of Letters Patent.

Patented May 16, 1911.

Application filed March 3, 1910. Serial No. 547,103.

To all whom it may concern:

Be it known that I, OLIVER P. HYDE, a citizen of the United States, residing at Marietta, in the county of Washington and State of Ohio, have invented a new and useful Rug-Fastener, of which the following is a specification.

It is the object of this invention to provide, in a merchantable and inexpensive form, a device which may be connected with a floor, to engage removably, the edge of a rug or carpet.

Specifically, it is the object of the invention to provide clamping elements of novel and improved form; to provide novel means for mounting the spring whereby the clamping elements are actuated; to equip the device with a rug-engaging prong, and so to construct the movable portions of the device that the prong may not be dulled in operation; and to provide an element adapted to serve, at once, as a means for connecting the clamping elements of the device pivotally, and as a cooperating means to hold the rug in place.

The drawings show but one form of the invention, and it is to be understood that changes, properly falling within the scope of what is claimed, may be made, without departing from the spirit of the invention.

In the accompanying drawings, wherein like numerals of reference denote like parts,—Figure 1 is a top plan showing the device in open position; Fig. 2 is a bottom plan showing the device in open position; Fig. 3 is an elevation of one end of the device, the same being in open position; Fig. 4 is an elevation of the opposite end of the device, the same being in closed position; and Fig. 5 is a longitudinal section, showing the device in position to exercise its function as a rug-holding element.

In carrying out the invention, there is provided, as a fundamental element, a bottom plate 1, which, in its opposite edges, and adjacent one end, is slit, portions of the plate 1 being bent substantially at right angles thereto, to form upstanding ears 2. A top plate 3 is provided, the same having at one end, a rectangular disposed integrally formed finger 4. Adjacent this finger 4, the plate 3 is slit, and portions of the plate are bent substantially at right angles thereto, to

define depending ears 5, adapted to register between the ears 2 of the bottom plate 1.

In order to connect the bottom plate 1 pivotally with the top plate 3, a rod 6 is extended through the ears 2 and 5, the rod being secured against movement, in the ears 5 of the top plate 3. In its intermediate portion, the rod 6 is bowed, as denoted by the numeral 7, in a plane substantially parallel to the plane of the top plate 3, thus forming an eccentrically disposed portion in the rod 6, intermediate the ends thereof.

Fixed to the bottom plate 1 and rising at right angles thereto, are spaced pointed prongs 8, located within the contour of the top plate 3. As denoted by the numeral 9, the top plate 3 is convexed away from the prongs 8, to define in the said top plate, a depending edge 10.

Adjacent one end of the bottom plate 1, the same is slit in two parallel lines, and struck upwardly, to form a strap 11, there being a notch 12 in the opposite end of the plate. For the actuation of the top plate 3, a resilient spring 14 is provided, one end of which is inserted beneath the strap 11, and securely clamped thereby upon the bottom plate 1. The free end 15 of the spring plate 14 is adapted to move in the notch 12 of the plate 1, and bears against the rectangularly disposed finger 4 of the top plate 3. In the bottom plate 1, adjacent the pivotal union between the said plate and the top plate 3, there are openings 16, adapted to receive nails or screws, whereby the device may be secured upon the floor.

In practical operation, the top plate 3 is moved into a position substantially at right angles to the bottom plate 1 as shown in Fig. 1 of the drawings. The rug 17 is then disposed upon the bottom plate 1, and the top plate 3 is swung downwardly. By this operation, the prongs 8 will be forced through the rug, securely holding the rug in place. It is to be noted that the edge 10 of the top plate 3 bears upon the rug 17, and serves to space the pointed extremities of the prongs 8, against contact with the top plate 3, thus preventing the prongs from becoming dulled, even after long continued use.

Not only is the rug 17 held in place by means of the prongs 8 and the peripheral edge 10 of the top plate 3, but, as clearly

shown in Fig. 5 of the drawings, when the top plate 3 is swung downwardly into the position there shown, the bowed eccentric portion 7 of the rod 6 will engage the edge of the rug, as shown, thus cooperating with the edge 10 of the plate 3 in holding the rug in place upon the prongs 8.

The integrally formed strap 11 in the bottom plate 1 furnishes a secure and convenient means for holding the spring 14 in place, and the notch 12 obviously permits the free end 15 of the spring to have the requisite movement, without coming into contact with the floor upon which the device is mounted.

Having thus described the invention, what is claimed is:—

A rug fastener consisting of clamping plates; and a rod connecting the plates for pivotal movement, the rod having an eccentric portion arranged to cooperate with one of the plates in engaging the rug.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

OLIVER P. HYDE.

Witnesses:

B. EVELEIGH,

CHARLES W. RICHARDS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
