

(No Model.)

S. B. DONCHIAN.
RUG FASTENER.

No. 541,320.

Patented June 18, 1895.

Fig. 1.

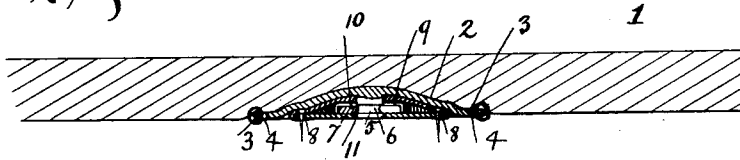


Fig. 2.

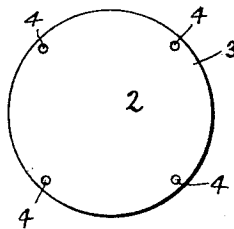


Fig. 5.

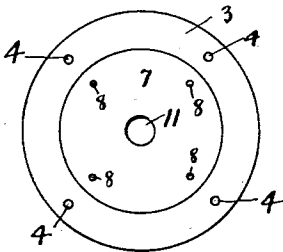


Fig. 3.



Fig. 6.

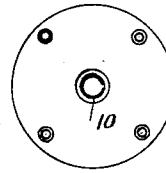
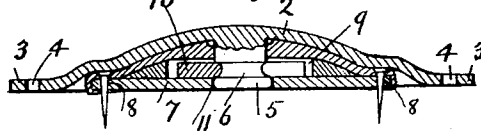


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

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RUG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 541,320, dated June 18, 1895.

Application filed February 9, 1895. Serial No. 537,777. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL B. DONCHIAN, a citizen of the United States, and a resident of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Rug-Fasteners, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

My invention relates to the class of devices designed for use in securing a rug, carpet or like article to a floor, and the object of my invention is to provide a device of this class that shall be thin and compact so as not to cause an unevenness on the rug by reason of a hump at the place where the fastening device is used, and that shall at the same time securely hold the rug in place, and a further object is to provide a device of this class that shall be strong enough to withstand the strains which shall be brought upon it under the peculiar conditions of use.

To this end my invention consists in the details of the several parts making up the device as a whole and in the combination of such parts as more particularly hereinafter described and pointed out in the claim.

Referring to the drawings, Figure 1 is a detail view, in central section, through the device, showing it attached to a rug or the like. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the split ring. Fig. 4 is a detail view on enlarged scale, in central vertical section, of the device. Fig. 5 is a bottom view of the device. Fig. 6 is a detail top view of the base-section of the fastener.

In the use of rugs on a highly polished floor it is desirable to provide some means for preventing the rug from slipping. In order to produce a satisfactory device of this class it is necessary that the device shall possess the qualities of not injuring the rug or floor to which it is secured, as this would be a serious objection, and at the same time the device should be of such a thickness as not to produce an unevenness on the rug at the points where it is secured. In my improved device there is embodied a rug fastener possessing all of these qualities as shown in the accompanying drawings, in which the numeral 1 denotes a portion of a rug to which is secured the stud section 2 of the fastener. This stud

section is concaved on its under portion and provided with lips or flanges 3 in which are made holes 4 by means of which the stud section is secured to the under side of a rug or the like. A stud 5 extends from the under side of the stud section preferably from a point at about the center, as shown in the drawings, this stud having formed therein a groove 6.

The numeral 7 denotes the base section of the fastener in which are formed holes 8 by means of which the base may be secured to a floor. A recess 9 is formed in this base section in which is located a preferably flat split ring 10. This ring is made of spring metal, and the opening therein is of a size to fit snugly in the groove 6 of the stud 5. A central opening 11 extends through the base section and is formed of a size to closely fit the stud 5 on opposite sides of the recess 9. The base section 7 is made to conform to the shape of the concavity in the stud section so as to lie closely therein, and a flat spring is preferably used in the recess 9, as greater strength can be secured in this form of spring with a given thickness, and this construction of the spring, of the concaved stud section, and the base section closely fitting therein provides an extremely thin device, while at the same time possessing the necessary holding qualities. The split ring 10 is preferably formed of a size to loosely fit within the recess 9.

The base section is secured to the floor as by means of very small wire nails or the like, and this does not materially damage the floor as when they are removed the comparatively small holes can be easily filled with wax and polished over, and the thread used to secure the plate or stud section to the rug, as shown in the drawings, projects on the under surface of the plate and prevents any marring of the floor by the slight rubbing of the plate in use.

An important advantage of my improved device resides in the construction of the stud to closely fit the central opening through the base section. This affords means whereby the stud is securely held against any lateral strain which would tend to loosen it from the grasp of the spring, these strains being continuously exerted in the peculiar use of the device as by walking on the rug.

I am aware that various devices have been used in which a stud from one part has been frictionally held within an opposite part, and I do not broadly claim such a construction.

5 In none of these prior devices has provision been made for the close fitting of the engaging parts and for a secure holding of the stud against a strain tending to upset it.

A material feature of my invention resides
10 in providing the base section with a stud socket above and below the spring member whereby any rocking action of one part on the other is effectually prevented and any strain transversely of the stud prevented from
15 prying or tilting the latter out of engagement.

I claim as my invention—

In combination in a carpet fastener, a stud

section provided with means for attachment to a carpet, the concave under surface of said section having a projecting stud, the stud having a locking groove, a base section shaped to snugly fit the concaved under surface of the upper section and having a central opening, the walls of which closely fit about the stud at both its ends and having a recess for a split 25 ring within the base section, and the split ring loosely fitted within the recess and adapted to engage the stud at the groove, all substantially as described.

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Witnesses:

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