

E. O. McHENRY.
 SPRING FRAME FOR RUGS AND CARPETS.
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1,007,301.

Patented Oct. 31, 1911.

Fig. 1.

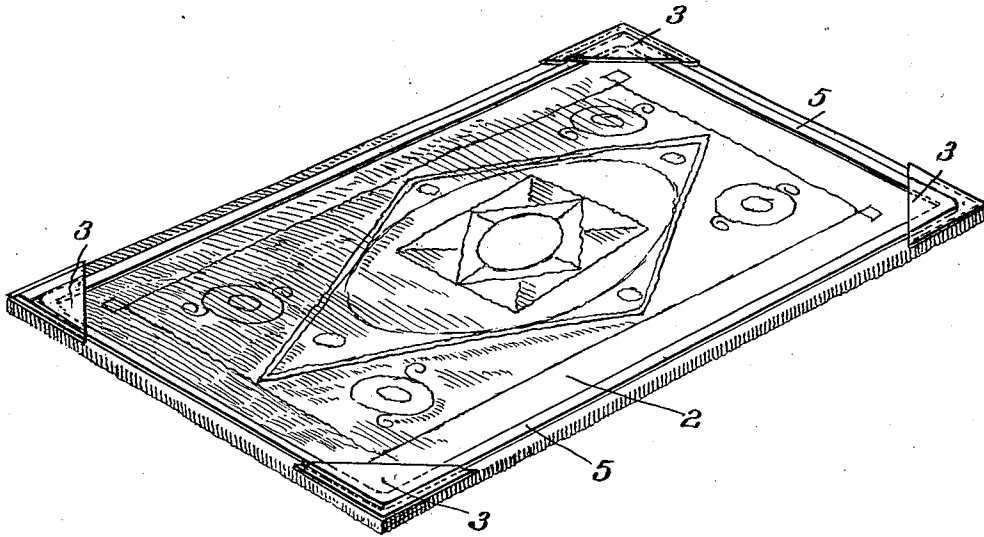
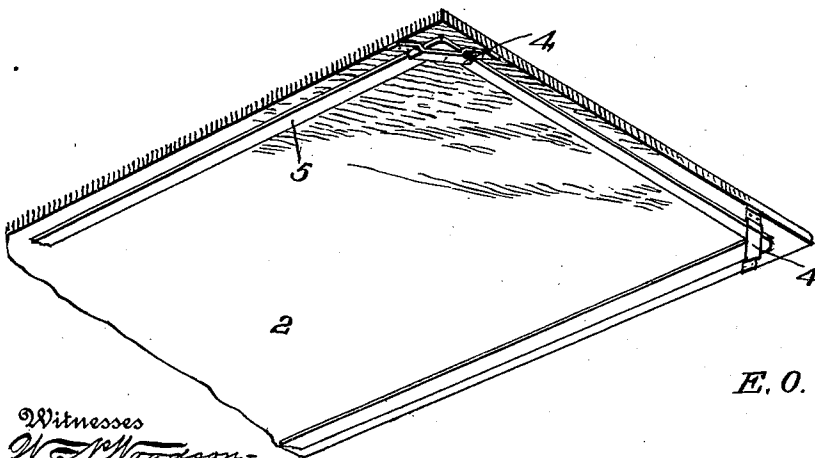


Fig. 2.



Witnesses
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EARL O. McHENRY, OF HOYTVILLE, OHIO.

SPRING-FRAME FOR RUGS AND CARPETS.

1,007,301.

Specification of Letters Patent. Patented Oct. 31, 1911.

Application filed February 21, 1911. Serial No. 610,043.

To all whom it may concern:

Be it known that I, EARL O. McHENRY, a citizen of the United States, residing at Hoytville, in the county of Wood and State of Ohio, have invented certain new and useful Improvements in Spring-Frames for Rugs and Carpets, of which the following is a specification.

My invention relates to an attachment adapted to be applied to rugs, carpets or the like for the purpose of keeping the rugs flat upon the floor.

One of the objections incident to small rugs, such as are used for the floors of carriages and in like situations, and for the floors of rooms, is that the rug is liable in a short time to curl, particularly at the corners, and that after the rug has commenced to curl it is extremely difficult to keep it flat. This is particularly the case with the small rugs which cover the floors of carriages. Dirt collects under the upturned corners of the rugs and, furthermore, these rugs are liable to trip any one getting into the carriage or moving across the floor.

My invention has for its object the provision of a very simple and effective means whereby the rugs may be held flat upon the floor and the corners of the rugs prevented from curling, the device being adapted to be easily applied to any ordinary rug, and the device may be used in a large variety of situations.

Broadly, the invention comprises the provision on a rug of a plurality of pockets, preferably located at the corners of the rug on the under side thereof, and a spring frame having the general shape of the rug and engaging in said pockets so that the resilience of the frame will hold the rug in a flat state.

An embodiment of my invention is shown in the accompanying drawings wherein:

Figure 1 is a perspective view showing the under side of a rug with my improvement applied thereto. Fig. 2 is a perspective view of the under side of a rug showing a modified form of the pockets for holding the metallic frame.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

Referring to these figures, 2 designates a

rug of any suitable construction, the under side of the rug being shown in Fig. 1 as upward. The corners of the rug which in this instance has a rectangular form, are provided each with a pocket 3. In the illustration, these pockets are shown as being triangular and conforming to the triangular ends of the rug, but I do not wish to be limited to this particular shape of the pockets as each pocket might consist of a band extending across the corner of the rug, as illustrated in Fig. 2. In this last named figure, the band forming the pocket is designated 4, the rug being designated 2.

For the purpose of holding the rug flat, I provide a metallic frame 5 which is preferably resilient and which in its normal position will lie flat. The corners of this metallic frame 5 are inserted within the pockets 3 in Fig. 1 or beneath the bands 4 in Fig. 2, and the rug then placed upon the floor with the spring frame downward so as to be entirely covered and concealed by the rug. The spring frame may be of very light material, provided it has sufficient strength and resilience so as to lie flat upon the floor and hold the rug down. The spring frame can extend as deeply into the pocket as necessary for this purpose so that the extreme corners of the rug will not turn upward.

While I have shown a rectangular rug and a rectangular steel frame, I do not of course wish to limit myself to this as the steel frame might have a shape corresponding to the rug being held down. The spring frame may be made of flat metal or metal which is circular in section, as desired.

My invention is very simple and is entirely effective for the purpose.

The rugs may be formed with the pockets attached thereto or the pockets may be sewed to the corners of the rug on the under side after the rug is bought. In inserting the spring frame into the rug, the frame is slightly deflected or bowed and is then inserted in the corner pockets. The spring is then allowed to return to its original condition when the rug will be stretched out to its full extent, and will, when the rug is placed upon the floor, hold the rug flat thereto.

While I have illustrated and largely described my invention as being applied to small rugs, I do not wish to limit myself to

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this as it is obvious that the device might be equally well applied to large rugs and to carpets.

What I claim is:

- 5 1. The combination with a rectangular rug having pockets at its four corners, of a rectangular metallic resilient frame, the corners of which are inserted in said pockets.
- 10 2. The combination with a rug or like article, of a rectangular frame disposed on the under side of the rug, said frame being

resilient and normally flat, and means attached to the under side of the rug with which the corners of the frame detachably engage.

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

EARL O. MCHENRY. [L. s.]

Witnesses:

CORA DIBERT,

ALLEN S. FERGUSON.

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