June 5, 1923. 1,457,921

O. BRUNKA

RUG REENFORCEMENT

Filed April 14, 1922

Fig. 1.

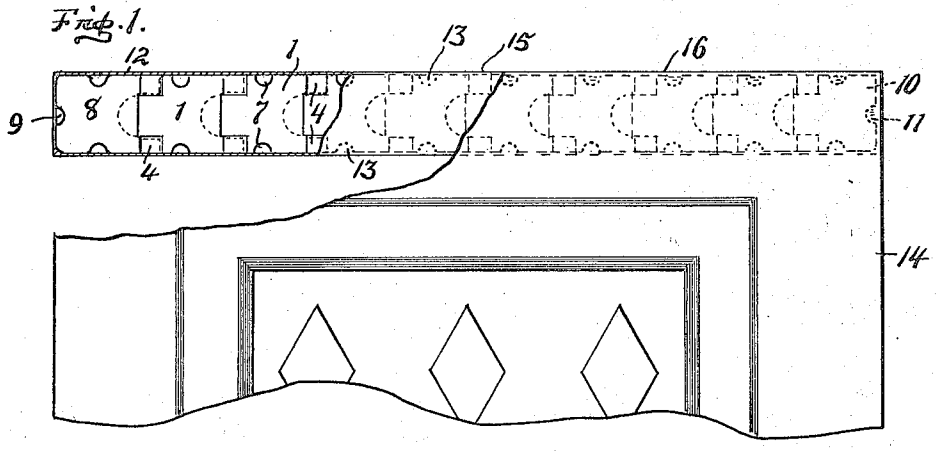


Fig. 2.

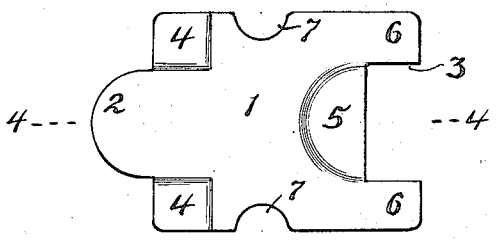


Fig. 3.

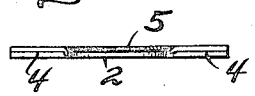


Fig. 4.

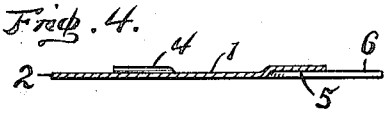


Fig. 5.

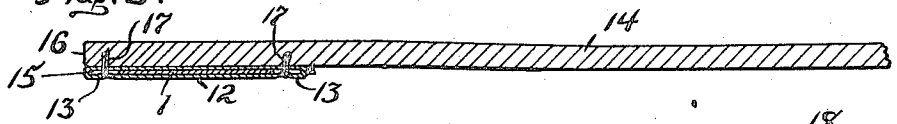


Fig. 6

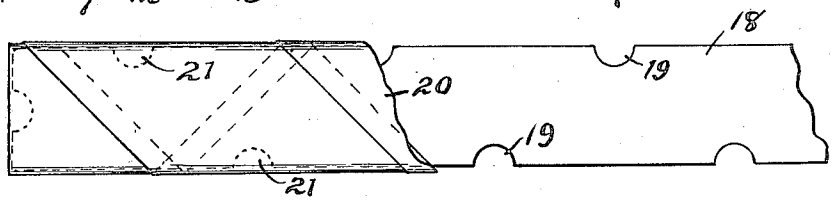
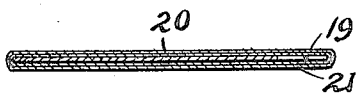


Fig. 7.



INVENTOR

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UNITED STATES PATENT OFFICE.

OSCAR BRUNKA, OF FORT WAYNE, INDIANA.

RUG REENFORCEMENT.

Application filed April 14, 1922. Serial No. 552,652.

To all whom it may concern:

Be it known that I, OSCAR BRUNKA, a citizen of the United States of America, and resident of Fort Wayne, in the county of Allen and State of Indiana, have invented certain new and useful Improvements in Rug Reenforcements, of which the following is a specification.

This invention relates to improvements in rug reenforcements and the object thereof is to provide a device that may be easily attached to rugs at the margins thereof which will prevent the corners of the rugs from curling and will tend to keep the edges of the rugs straightened so as to lie flat upon the floor. Another object is to provide means attachable to a rug that will tend to retain the rug flat upon the floor and prevent it from sliding thereon. A further object is to so construct a device having a metallic strip, that it may be easily sewed to the under side of a rug in a manner as to prevent the threads by which the device is secured from becoming severed by contact with the metallic strip.

The above objects are accomplished by the construction illustrated in the accompanying drawings in which:—

Fig. 1 is a plan view of the end portion of a rug to which the present invention is applied, there being parts broken away;

Fig. 2 is a detail view showing a plan of one of the sections of which the metallic strip is composed;

Fig. 3 is a front end elevation of one of the sections;

Fig. 4 is a longitudinal section on the line 4—4 of Fig. 2;

Fig. 5 is a longitudinal section through the end of a rug to which the device is applied;

Fig. 6 is a plan view of a strip showing the invention in modified form; and

Fig. 7 is a transverse section on an enlarged scale of the form of the invention shown in Fig. 6.

The characters appearing in the description refer to parts shown in the drawings and designated thereon by corresponding characters:

The invention comprises a metallic strip made up of a series of sections 1 which are nested together in successive order. Each section is formed with a central tongue 2 projecting from one end thereof and a recess 3 at its opposite end. On each side of the tongue is formed a pocket 4 and at the inner end of the recess 3 is formed a pocket 5 at each side of which is a rearward extension 6 of the plate of which the section is formed. Also, each section has formed in each side thereof a recess 7 approximately midway between its ends. The strip is made up of a suitable number of sections 1 to form the desired length, the tongue 2 of one section being fitted into the pocket 5 of the adjacent section, the extensions 6 of which project into the corresponding pockets 4. The section 8 at one end of the strip differs from the adjacent section 1, there being a recess 9 formed in its outer end instead of the tongue and pockets previously described, and the section 10 at the opposite end of the strip is formed with a similar recess 11 at its outer end instead of the pocket 5 and extensions 6 that are provided on the adjacent section.

The strip thus formed is encased in a cloth covering 12 that completely envelops the strip, and covers the recesses 7 so as to form webs 13 thereover. The invention thus formed is attached to the under side of a rug 14 at the end thereof so that its outer edge 15 is flush with the end 16 of the rug. The attachment of the device to the rug being made by applying stitches 17 so as to connect the webs 13 at the various openings with the rug.

In the modified form of the invention shown in Figs. 6 and 7 a metallic strip 18 having recesses 19 in its edges is enveloped in a rubber coated fabric casing 20 that extends over the recesses so as to form corresponding webs 21. This casing may, if so desired, be vulcanized upon the strip.

When the invention is utilized by attachment to a rug, as set forth, the corners of the rug will be prevented from curling up and its edges where the strip is applied will be prevented from buckling up away from the floor. The strip being to some extent pliable readily conforms to ordinary unevennesses in the surface of the floor and tends to hold the rug down in place. When the casing, in which the strip is enveloped, is formed of rubber coated fabric the tendency of the rug to slip upon a polished floor is practically obviated.

By forming the strips with marginal webbed recesses the strip may be stitched to the rug with its outer edge flush with the corresponding edge of the rug, and when so attached by the threads which extend

through the webs, the stitches are kept from contact with the metal which otherwise would become severed or worn by the metal.

What I claim is:—

1. A reenforcement for rugs and the like, comprising a metallic strip made up of a series of sections, each section having a projecting tongue at one end and a pair of extensions at the opposite end thereof, there being a pocket on each side of the tongue for the reception of the extensions of the adjacent section and a pocket for the reception of the tongue of the section adjacent its opposite end, there being also a recess in each side of each section; and a fabric casing enveloping the strip and forming a web over each of said recesses.

2. A reenforcement for rugs, comprising a strip of interlinked metallic sections, each having a recess in its side; and a fabric casing enveloping the strip and forming a web over each recess thereof adapted to be stitched in connection with a rug so as to hold the reenforcement in fixed relation therewith.

3. A reenforcement for a rug, comprising a metallic strip having a series of recesses formed in its edges and a fabric casing enveloping the strip and forming a web over each of the recesses adapted to be stitched in connection with the rug so as to hold the reenforcement in fixed relation therewith.

4. A reenforcement for a rug, comprising a recessed metallic strip and an enveloping cover therefor of rubber coated fabric forming a web over each recess thereof adapted to have stitched connection with a rug so as to hold the reenforcement in fixed relation therewith.

5. A reenforcement for rugs comprising a strip of interlinked metallic sections, and a fabric casing enveloping the strip adapted to be stitched in connection with the rug so as to hold the reenforcement in fixed relation therewith.

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

OSCAR BRUNKA.

Witnesses:
MATILDA METTLER,
W. G. BURNS.