Oct. 13, 1931. J. T. CAMPBELL, JR 1,826,988

SECURING DEVICE FOR CARPETS

Filed June 4, 1929

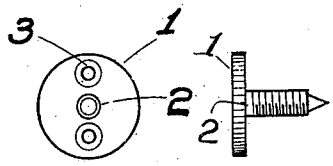


FIG. 2. FIG. 3.

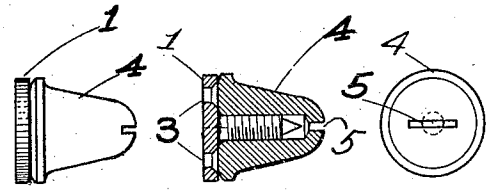


FIG. 4. FIG. 5. FIG. 6.

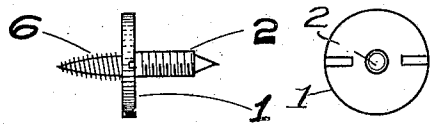


FIG. 7. FIG. 8.

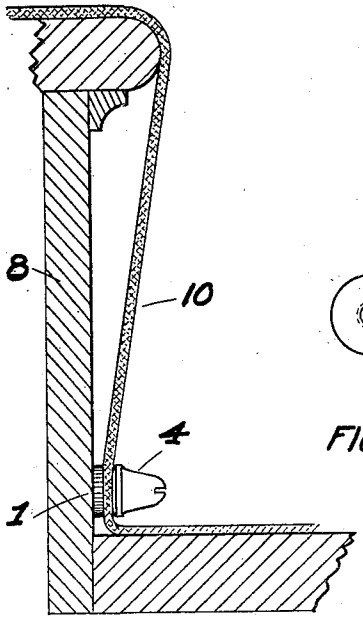


FIG. 1.

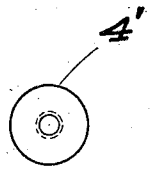


FIG. 9.

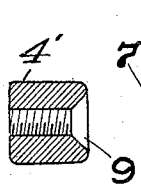


FIG. 10.

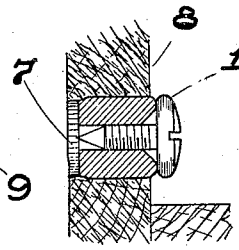


FIG. 11.

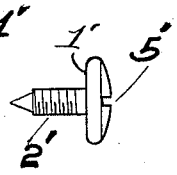


FIG 12.

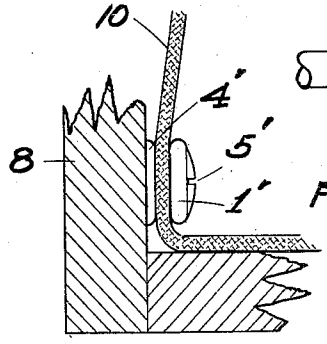


FIG. 13.

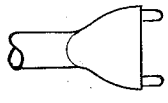


FIG. 15.

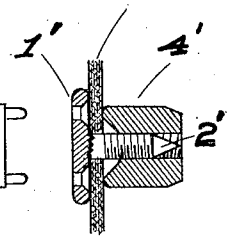


FIG. 14.

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UNITED STATES PATENT OFFICE

JAMES T. CAMPBELL, JR., OF FRANKLIN, PENNSYLVANIA

SECURING DEVICE FOR CARPETS

Application filed June 4, 1929. Serial No. 368,360.

The objects of this invention are, to provide a fastening device for carpets whereby they may be easily, quickly and neatly secured in place.

Another object is to supply a fastening device which is strong and durable and will not injure the carpet.

Various forms of construction embodying my inventive idea are shown in the accompanying drawings wherein my improved fastening device is illustrated as being applied to a stair carpet.

Fig. 1 is a side elevation of a fragment of a stairway and the carpet therefor, showing the application of my improved carpet fastener,

Fig. 2 is a front or face view of the pin member of my improved fastener,

Fig. 3 is a side elevation of said pin member,

Fig. 4 is a side elevation of an assembly of the two members, namely, the pin member and the socket member, which comprise my improved form of fastener,

Fig. 5 is a central longitudinal section of Fig. 4,

Fig. 6 is an end view of the adjacent end of Fig. 5,

Fig. 7 is a side elevation of a modified form of pin member,

Fig. 8 is a face view of the adjacent face of Fig. 7,

Figs. 9, 10, 11 and 12 illustrate a modified form of fastener in which the relative positions of the two members are reversed from their respective positions illustrated in the foregoing figures,

Fig. 9 is a face view of the socket of said modified form,

Fig. 10 is a central longitudinal section of Fig. 9,

Fig. 11 is an assembly of the two members of said modified form in which the socket member is shown in central longitudinal section and the pin member in side elevation,

Fig. 12 is a side elevation of said pin member,

Fig. 13 shows the Fig. 11 form as applied to use,

Fig. 14 shows a form in which either member of the fastener may be carried by the stair riser; it is known as the reversible form,

Fig. 15 shows the point of a tool for inserting the pin member in the Fig. 14 assembly.

As shown in said drawings, my improved fastening device comprises two members, namely, an internally-threaded socket member and a cooperating externally-threaded pin member, one of which is adapted to be attached to or carried by the riser of the stair steps and the other member to secure the carpet to the member so carried.

In the form shown in Figs. 1 to 8, the pin member is adapted to be secured to the riser. This member comprises a base 1, having an integral, externally-threaded pin 2; this base is provided with holes 3 for wood screws, whereby it is secured to the riser. The other member of this form of fastener is an internally-threaded socket 4 adapted to be screwed upon said pin as shown in Figs. 4 and 5. The slot 5 is for the insertion of a screwdriver.

Figs. 7 and 8 show a modified form of the fastener above described, the modification consisting in providing the base 1 with an integral wood screw 6 for attaching it to a riser.

The form shown in Figs. 9, 10, 11, 12 and 13 is a modified form in which the modification consists in the reversal or transposition of the two members 1′ and 4′. In said figures the socket 4′ is driven bodily into a hole 7 provided therefor in the stair riser 8; the outer end of said socket is countersunk at 9 for the purpose of guiding the pin 2′ into the bore of the socket. A slot for the insertion of the point of a screwdriver is shown at 5′.

Figs. 7 and 14 indicate the way in which my improved fastener is employed to secure a stair carpet to a stairway and these illustrations are sufficiently clear as to need very little descriptive text.

It will be readily understood that if the socket member 4 of the Fig. 4 form were cylindrical like the member 4′ of Figs. 9 and 10, the two forms would be nearly identical and could be applied with either the pin member or the socket member attached to or carried by the riser 8 of the stair, hence either form can be designated as the preferred form, but

users may express a preference and have their wants supplied accordingly.

The Fig. 14 form is reversible so that either the pin member or the socket member may be secured to the stair tread. A tool having a double pin point Fig. 15 may be used to screw the pin member in position when the socket member is secured in the riser.

The carpet is indicated in the drawings by the numeral 10.

My improved fastener may be used for securing carpets and rugs to the floor as well as stair carpets to stairs.

I claim the following:

A securing device for carpets comprising two members, namely, a socket member provided with an internal screw thread in the bore thereof, and a pin member the pin of which is provided with an external screw thread for cooperation with said internal thread, either one of said members being adapted to be rigidly carried by the structure the surface of which is to covered by the carpet to be secured, the carpet being secured to said carried member by the screwed assembly therewith and the consequent cooperative action of the other member.

In testimony whereof I affix my signature.

JAMES T. CAMPBELL, JR.