

Nov. 27, 1934.

W. F. HEROLD

1,982,138

CUSHION SLIDE FOR FURNITURE

Filed Dec. 24, 1932

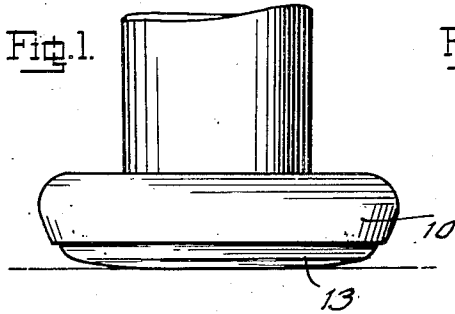
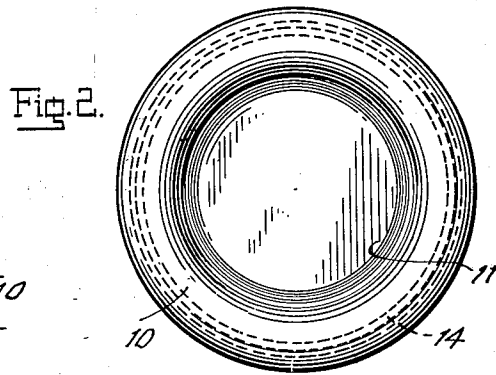
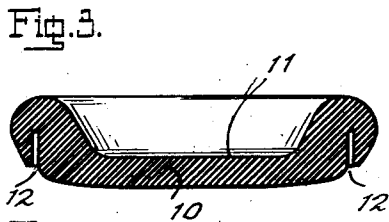


Fig. 5.

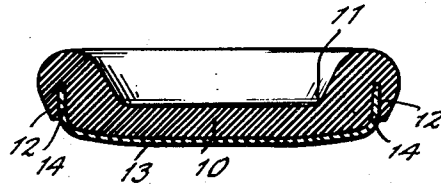


Fig. 4.

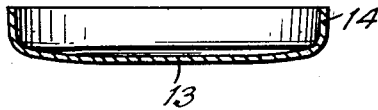


Fig. 6.

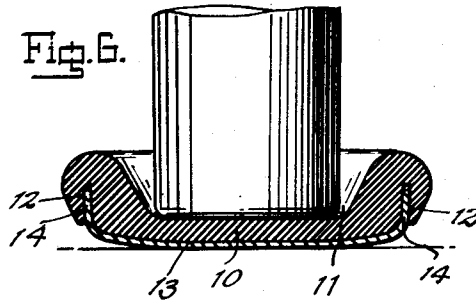
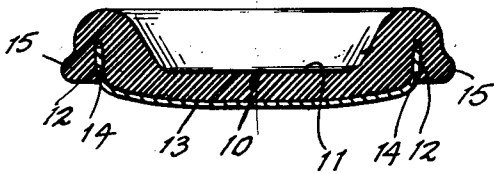


Fig. 7.



Inventor

WALTER F. HEROLD.

By

Sam Mattern.

Attorney

UNITED STATES PATENT OFFICE

1,982,138

CUSHION SLIDE FOR FURNITURE

Walter F. Herold, Bridgeport, Conn., assignor to
The Bassick Company, Bridgeport, Conn., a
corporation of Connecticut

Application December 24, 1932, Serial No. 648,735

2 Claims. (Cl. 45—137)

The present invention relates to cushion slides for furniture, and particularly slides having a resilient cup shaped body of rubber or the like in which the furniture leg rests and a hard floor engaging shoe adapted to provide sliding contact with the floor. An object of the invention is to provide a cushion slide in which the rubber body is adapted to be interlockingly connected to the floor engaging shoe in a manner to maintain the rubber body against displacement or warping, while at the same time permitting the rubber body to have a high degree of compression under the weight of the furniture, so that an effective cushion support is provided.

A further object is to provide a cushion slide which will provide effective cushion support and at the same time will permit the furniture to be easily slid without unduly distorting the cushion element or separating it from the floor engaging shoe.

Another object is to provide a slide having bumper means so arranged that impact therewith will not tend to separate the parts.

With the above and other objects in view an embodiment of the invention is shown in the accompanying drawing, and this embodiment will be hereinafter more fully described with reference thereto and the invention will be finally pointed out in the claims.

In the drawing:

Fig. 1 is a side elevation of a cushion slide according to the illustrated exemplary embodiment of the invention, and showing a furniture leg supported therein.

Fig. 2 is a plan view of the slide.

Fig. 3 is a vertical sectional view of the rubber cushion body employed.

Fig. 4 is a vertical sectional view of the floor engaging shoe.

Fig. 5 is a vertical sectional view showing the cushion body and shoe assembled.

Fig. 6 is a vertical sectional view showing a furniture leg supported in the slide and showing the relative arrangement of the parts under load.

Fig. 7 is a vertical sectional view of a slightly modified form of the invention in which the rubber body is provided with a peripheral bumper projection.

Similar reference characters indicate corresponding parts throughout the several figures of the drawing.

Referring to the drawing, the cushion slide, according to the present embodiment of the invention, comprises a circular cushion body 10,

formed of rubber or other suitable resilient material, having a substantially flat-bottom recess 11 in its upper side, the side wall of which is preferably flared outwardly toward the top. The rim of the body is provided at its under side with a cylindrical pocket or slot 12, the outer wall of which terminates in upwardly spaced relation to the base of the body while the inner wall is connected by the rounded corner of the slightly convex under surface.

The metal floor engaging shoe 13 is provided with a rim 14 which is flared outwardly at a relatively small angle to the vertical axis. The thickness of the metal forming the shoe is substantially greater than the width of the cylindrical pocket or slot 12 and the diameter of the rim is such at its upper or wide end that it will permit snug engagement of the cushion body therein. The outer diameter is preferably slightly greater than the diameter of the outer wall of the pocket or slot 12.

In the assembled relation, as shown in Fig. 5, the pocket or slot 12, which is cylindrical in its unassembled relation assumes a flared shape, the body of rubber within the shoe being compressed inwardly, while the rim surrounding the rim of the shoe is drawn inwardly against the shoe, thereby forming an interlocking connection, which, while permitting of easy manual assembly of the parts, effectually retains them in their proper relation while in use.

In Fig. 7 I have shown a modification in which the rubber cushion body is provided with a peripheral bumper projection 15 disposed below the upper edge of the tapered rim 14 of the shoe 13, so that impacts thereon will tend to press the rubber body downwardly and hold the rubber body and shoe together, rather than tend to separate the body as would be the case were the bumper projection above the rim.

I have illustrated and described prepared and satisfactory embodiments of the invention but it will be obvious that changes may be made therein within the spirit and scope thereof, as defined in the appended claims.

Having thus described my invention what I claim and desire to secure by Letters Patent is:—

1. A cushion slide for furniture, comprising a cushion body of resilient material adapted to be engaged by the lower end of a furniture leg or the like and having an annular pocket in its under side adjacent its periphery, the portion of said body outwardly of said pocket constituting a relatively thin cross section circumferentially continuous elastic ring, and a non-resilient sliding shoe having a floor engaging surface dis-

posed beneath said cushion body and an annular upwardly extending outwardly flared rim engaged in said annular pocket, the inner wall of said elastic ring adapted to conform with the
 5 outer wall of said rim to interlockingly retain said shoe in relation to said cushion body.

2. A cushion slide for furniture, comprising a cushion body of resilient material adapted to be engaged by the lower end of a furniture leg or
 10 the like and having a cylindrical annular pocket in its under side adjacent its periphery, the por-

tion of said body outwardly of said pocket constituting a relatively thin cross section circumferentially continuous elastic ring, and a non-resilient sliding shoe having a floor engaging surface disposed beneath said cushion body and
 80 an annular upwardly extending outwardly flared rim engaged in said cylindrical pocket, the inner wall of said elastic ring adapted to conform with the outer wall of said rim to interlockingly re-
 85 tain said shoe in relation to said cushion body.

WALTER F. HEROLD.

15	90
20	95
25	100
30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145
75	150