May 2, 1933. G. E. HEWSON 1,906,590

BASE PROTECTOR

Filed April 22, 1932

Fig. 1

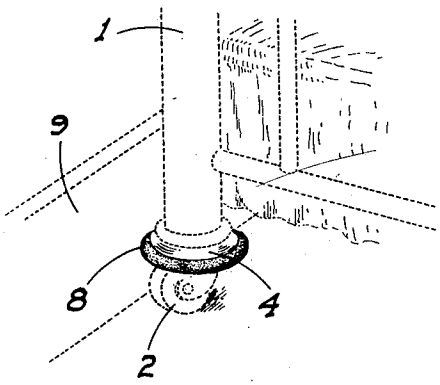



Fig. 2

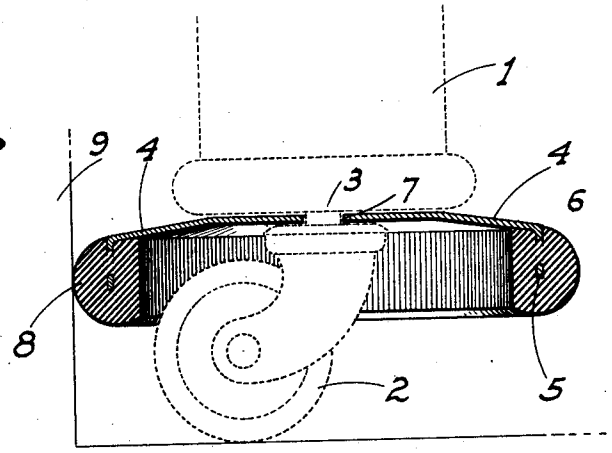
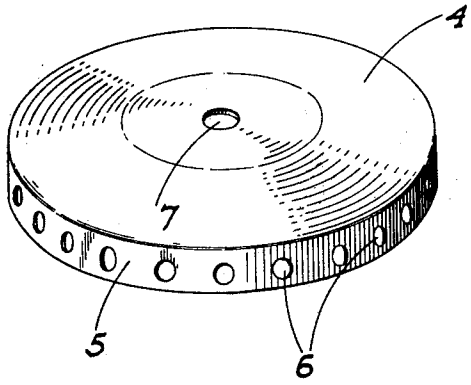



Fig. 3




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# UNITED STATES PATENT OFFICE

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## BASE PROTECTOR

Application filed April 22, 1932. Serial No. 606,836.

This invention relates to attachments for household furniture and especially to relatively heavy caster mounted pieces of furniture such as beds, dressers and the like which are usually disposed closely against the wall. The casters or the beads and molding about the lower ends of the legs of such pieces of furniture abut against the baseboard of the wall and the latter soon becomes dented and marred by such contact. This marring is of course aggravated by any movement of the furniture along the wall which can hardly be avoided with caster mounted furniture.

The principal object of my invention is to provide a simple and inexpensive form of protector for the baseboard adapted to be mounted on furniture at the necessary points and arranged so as to prevent contact of the castors or the legs with the baseboards, and shaped so as to positively insure the latter against being marred by contact with the protector.

A further object is to provide a protector so constructed that it may be readily and movably applied to the furniture in connection with the castors thereon in such a manner that no tools are necessary and no screw holes etc. in the legs or elsewhere and which would mar the appearance of the same are necessary in the mounting of the protector.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is a fragmentary perspective outline of a bed showing a protector mounted in place in connection with one of the legs and its castor.

Fig. 2 is a diametrical section of a protector as mounted on a bed.

Fig. 3 is a perspective view of the supporting frame of a protector detached.

Referring now more particularly to the characters of reference on the drawing, the bed or like article of furniture includes legs 1 supported on castor wheel units 2 which have central spindles 3 turnably socketed in the legs.

Each protector comprises a disk 4 of sheet metal or similar material having a down turned flange 5 all around provided with holes or perforations 6. The disk has a central hole 7 for turnable engagement with the spindle 3. The diameters of the disk and its flange are somewhat greater than that of the leg and the path of swinging movement of the castor on its spindle. Said flange has a thick resilient band 8, preferably rubber, secured thereto, said band being of round contour in cross section on its outer periphery. If rubber is employed the method of applying the same to the flange is preferably to mold and vulcanize the rubber about the flange so that the latter is disposed between the inner and outer peripheries of the band and extend substantially half the depth of the same from the top. The rubber during the vulcanizing process flows through the holes 6 in the flange as indicated in Fig. 2 so that the rubber on both sides of said flange is tied together at a number of places.

The rubber or cushion band therefore projects outwardly from the leg a distance greater than the castors and engages the baseboard 9 at all times. With any movement of the bed along the floor the protector turns on the castor spindle and the band rolls and maintains a non-slip contact with the baseboard preventing any dulling of the finish of the same such as would be had by a dragging or slipping movement.

The protector disk may be finished in a color to harmonize with the furniture while the band would be treated with a pigment during its molding so that its color is approximately that of the baseboard. In this manner no color mark different from that of the baseboard itself would be left thereon with any unforeseen sliding of the band along the baseboard.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction

of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

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

1. A wall protector for application to castor mounted article of furniture comprising a rigid disk having a central orifice for turning engagement with the spindle of a castor, a flange depending from the outer periphery of the disk, said flange having openings therethrough, and a relatively thick rubber ring surrounding and vulcanized on to the flange on both sides thereof and extending through said openings.

2. A wall protector for application to castor mounted furniture comprising a disc having a central orifice for turning engagement with a castor spindle, an annular flange about the periphery of the disc, said flange having openings, and a rubber ring vulcanized on the flange and extending through the openings.

3. A wall protector for application to castor mounted furniture comprising a disc having a central orifice for turning engagement with a castor spindle, an annular flange about the periphery of the disc, said flange having openings, and a rubber ring about the flange and having protusions projecting through the flange openings.

In testimony whereof I affix my signature.

GEORGE E. HEWSON.