Aug. 26, 1924. 1,506,043

J. W. BISHOP

TABLE LEG SHOE

Filed Sept. 18, 1922

Fig. 1

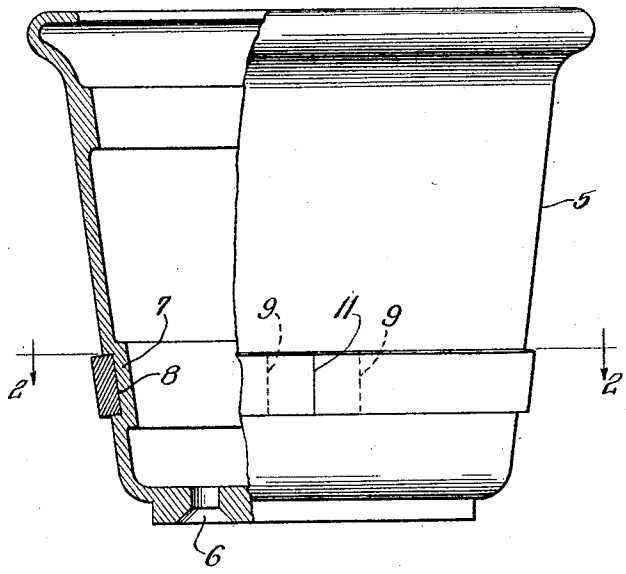
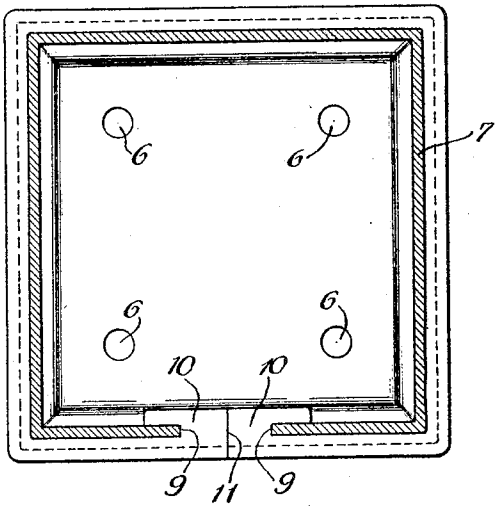


Fig. 2



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Patented Aug. 26, 1924. 1,506,043

UNITED STATES PATENT OFFICE.

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TABLE-LEG SHOE.

Application filed September 18, 1922. Serial No. 588,823.

To all whom it may concern:

Be it known that I, JOSEPH W. BISHOP, a citizen of the United States, residing at Muskegon, in the county of Muskegon and State of Michigan, have invented certain new and useful Improvements in Table-Leg Shoes, of which the following is a specification.

This invention has for its object to provide a shoe for the leg of a table, desk, chair or other furniture with readily renewable means to protect the shoe against injury or disfigurement by contact of objects therewith, and likewise to protect the contacting objects from damage by reason of such contact.

A further object of the invention is to provide means whereby the protector may be readily renewed or replaced from the outside of the shoe and without removing the shoe from the leg.

And a still further object of the invention is to provide a rubber protecting strip to surround the shoe and having means at its ends adapted to be readily engaged with the shoe to secure the strip to the shoe and also adapted to be readily disengaged from the shoe for renewal or replacement.

In the accompanying drawings illustrating a selected embodiment of the invention—

Fig. 1 shows a shoe with the protector strip applied, the view being partly in elevation and partly in section.

Fig. 2 is a horizontal sectional view on the line 2—2 of Fig. 1.

Referring to the drawings the shoe 5 is preferably made of metal and formed in any shape desired to receive the lower end of the leg of a table, desk, chair or other article, and any means desired may be employed for securing the shoe to the leg. In the drawings I have shown holes 6 in the bottom of the shoe to receive screws or bolts but any fastening means desired may be used.

I provide a buffer in the form of a protector strip or band 7 about the shoe and in practice I have found that this strip should be located adjacent the bottom of the shoe at or about the location indicated in the drawings, but the position of the strip may be varied without departing from the invention. This strip is preferably made of rubber but other materials may be employed if found suitable. The strip may be held in position on the shoe by any suitable means but I have found it satisfactory to provide the shoe with a peripheral seat or recess 8 in which the strip is seated. This is a desirable construction since the strip may be made of a proper size to make a snug fit in the seat and it will be held by the seat in proper position throughout its length.

To facilitate the application of the strip to the shoe and its removal or replacement I provide an opening 9 in the shoe and provide the strip with hook ends 10 adapted to engage the edges of the wall of the shoe forming the opening 9. In practice the hook ends 10 are engaged with the opening 9 and with the edges of the wall forming said opening to hold the strip rigidly and securely in place in its seat on the shoe, and in this position the hook ends of the strip abut at 11 to form a continuous and practically unbroken protector. The strip being made of rubber or other soft or yielding material permits the hook ends to be readily engaged with or disengaged from the opening 9 to apply the strip to the shoe or to remove it therefrom. To remove the strip one end 10 is pulled outward from engagement with the opening 9 and then the strip is removed from its seat. To apply the strip one end is first engaged with the opening, the strip is then inserted in its seat, after which the other end is forced under some pressure into engagement with the opening and into the position shown in Fig. 2.

My invention provides a very simple and efficient protector for furniture legs, game table legs and the like, which will prevent injury to the shoes by contact of brooms, mops, boots and shoes therewith, and it also protects such articles from injury to themselves by contact with the shoes. It is known that bumpers and cushions of various kinds have been used as protectors heretofore but I do not know of the use of a protector strip of this kind in the manner set forth whereby it can be easily applied and as easily removed and replaced as required. If the strip is made of rubber it will deteriorate in time and replacement becomes necessary and my invention enables this replacement without removing the shoe from the leg. The hook ends may be made in

various shapes and the shoe and said hook ends will be made so that sufficient space for the hook ends will be provided within the shoe when the latter is applied to a leg. My invention is particularly useful in connection with a billiard and pocket billiard table and other heavy articles of furniture since it enables the renewal of the protector strip without removing the table.

I am aware that changes in the form and proportion of parts and in the details of construction of my invention may be made without departing from the spirit and without sacrificing its advantages and I reserve the right to make all such changes as fairly fall within the scope of the following claims.

I claim:

1. A shoe for the leg of a table or other article of furniture having a seat therein in its outer face, and a divided buffer strip located in said seat and having its ends engaged with a side wall of said shoe detachably.

2. A shoe for the leg of a table or other article of furniture having a peripheral seat therein in its outer face and an opening in said seat, and a divided buffer strip located in said seat having its ends engaged with said opening.

3. A shoe for the leg of a table or other article of furniture having an opening therein, and a buffer strip adapted to encircle the shoe and having hook ends to engage said opening.

4. A shoe for the leg of a table or other article of furniture having an opening therein, and a seat around the shoe, and a buffer strip located in said seat and having hook ends engaging said opening.

5. A furniture leg shoe comprising a cup-shaped member having a peripheral seat extending around the member, the back of the seat having an opening therein.

6. A furniture leg shoe comprising a cup-shaped member having a bottom provided with countersunk openings for the reception of fastenings, the side walls of the member being provided with a continuous peripheral groove constituting a seat, the back of the groove being provided with an opening.

JOSEPH W. BISHOP.