Oct. 8, 1929. C. B. WAGNER, JR 1,730,698

REST FOR LEGS OF STOVES AND OTHER ARTICLES OF FURNITURE

Filed Dec. 22, 1925

Fig. 1.

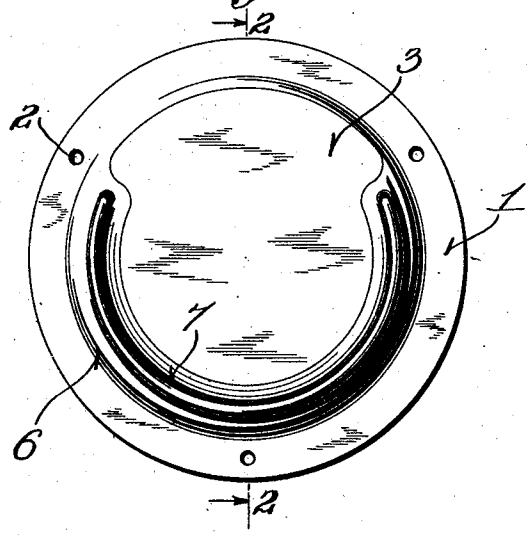
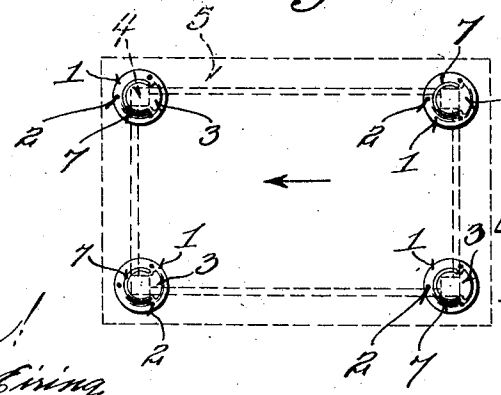


Fig. 2.



Fig. 3.



Witness!
Erwin B. Ewing

Inventor!
Charles B. Wagner Jr.
By Ewing & Ewing
Attorneys!

Patented Oct. 8, 1929 1,730,698

UNITED STATES PATENT OFFICE

CHARLES B. WAGNER, JR., OF BURLINGTON, WISCONSIN

REST FOR LEGS OF STOVES AND OTHER ARTICLES OF FURNITURE

Application filed December 22, 1925. Serial No. 77,001.

This invention relates to rests for the legs of stoves and other articles of furniture.

Objects of this invention are to provide a rest for the legs of stoves, for instance, which is so formed that the stove may be easily slipped into place without racking or straining any of its parts, and in which means are provided for preventing the passage of the leg completely over the rest and yet to permit the ready removal of dirt which might collect upon the rest.

More specifically, objects of this invention are to provide a rest which may be very readily formed from sheet metal, which is of a disk-like construction provided with a semi-circular rib to arrest the motion of a leg of a stove, for instance, and which is provided with a gradual incline on one side to facilitate the entrance of the leg of the stove into the rest. These results are accomplished without any racking of the stove, as stated above, and also without providing any pockets from which dirt will be difficult to remove.

An embodiment of the invention is shown in the accompanying drawings, in which:—

Figure 1 is a plan view of the rest.

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

Figure 3 is a view showing four of the rests in position to receive the four legs of a stove or other article, as shown in dotted lines.

Referring in detail to the drawings, it will be seen that the rest is formed from sheet metal and is stamped into shape in a very simple manner. It is to be noted at this point that this operation of pressing the rest into shape forms ribs and strengthening portions and materially increases the strength of the sheet metal.

It is, of course, apparent that the rest may be used for any article of furniture, and to simplify the description it will be described for use in connection with a stove.

The rest is provided with an annular outer flange 1 which is flat and is adapted to rest upon the floor and is provided with regularly spaced apertures 2 adapted to receive securing means. The central portion of the rest is raised, as indicated by the reference character 3, and is adapted to receive the leg 4 of the stove 5, as shown in dotted lines in Figure 3. It is to be noted that this elevated portion 3, or central portion, is raised and is joined at one side to the flange 1 by means of the curved slanting portion 6 (see Figure 2). On its other side, the raised portion 3 is provided with an upwardly projecting semi-circular rib 7 which forms a boundary portion beyond which the leg 4 cannot pass. Obviously, the ribs 7 materially strengthens the central portion 3 and further the downwardly extending portions joining the central portion and the rib to the flange 1 also materially strenghens the device and prevents buckling. This permits the use of relatively thin sheet metal although it is called upon to sustain heavy loads.

In using the device, it is preferable to place the rests in the position shown in Figure 3 with the mouth of each pointing in one direction. The stove may then be readily placed upon the rest by sliding it bodily, as indicated by the arrow in Figure 3, the legs 4 riding up the incline 6 and into their correct position upon the central portions 3. The motion of the stove is arrested by the ribs 7 and thus there is no danger of passing the legs over and beyond the rests.

It is to be noted particularly that the parts of the stove or other article of furniture will rest simultaneously upon the base of the rests, and consequently no racking or straining of the stove can result as would be the case where one leg at a time passes upon the rests.

It is to be noted further that any dirt which collects upon the rest may be brushed towards the open side away from the rib 7, consequently such rib does not form a retaining pocket for trash.

It is apparent that the device may be very cheaply manufactured in a simple manner and, as stated, from relatively thin sheet metal.

Although the invention has been described in considerable detail, such description is intended as illustrative rather than limiting as the invention may be variously embodied and as the scope of such invention is to be determined as claimed.

I claim:

1. A foot rest of the class described, including an annular base flange having a plurality of spaced apertures, a central raised portion, a curved slanting portion joining the raised portion at one side with the base flange, and an upwardly projecting, semi-circular rib arranged opposite said curved slanting portion and having its ends inclined and joining the ends of the curved slanting portion.

2. A foot rest of the class described, including an annular base flange having a plurality of spaced apertures, a central raised portion, a curved slanting portion joining the raised portion at one side with the base flange, and an upwardly projecting, hollow semi-circular rib arranged opposite said curved slanting portion and having its ends inclined and joining the ends of the curved slanting portion, the outer wall of said rib having its lower edge merging into the base flange and its inner or shorter wall merging into the central raised portion.

In testimony that I claim the foregoing I have hereunto set my hand at Burlington, in the county of Racine and State of Wisconsin.

CHARLES B. WAGNER, JR.