Aug. 13, 1929. D. FOX 1,724,186

ADJUSTABLE SHOWER DOOR

Filed March 17, 1928

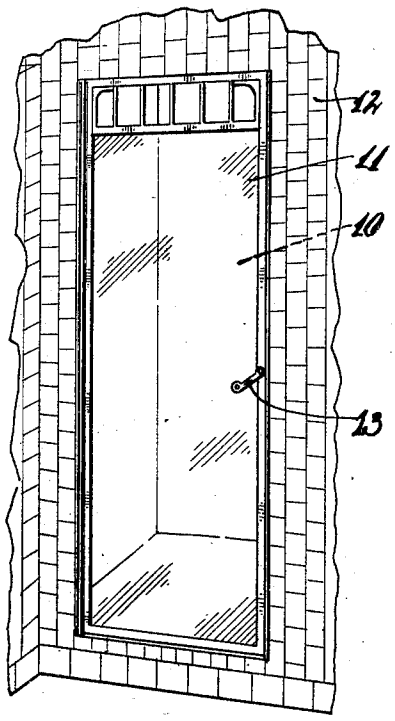


FIG. 1.

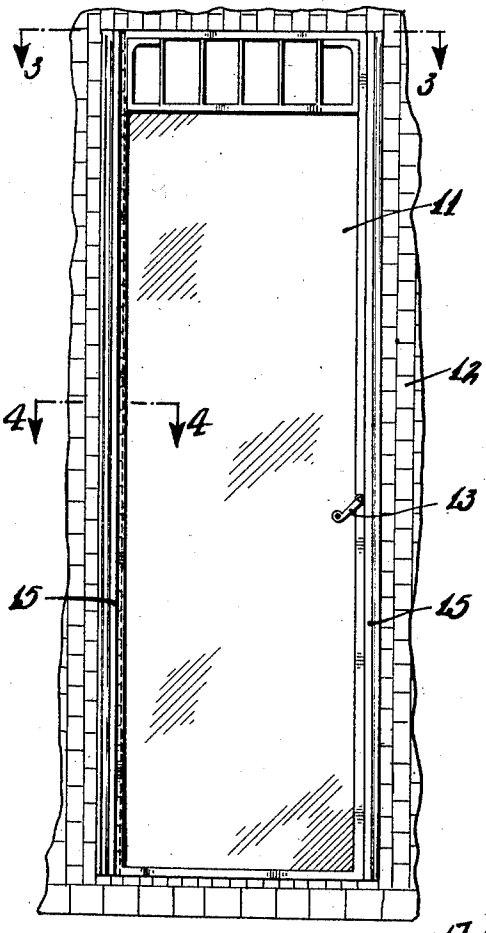


FIG. 2.

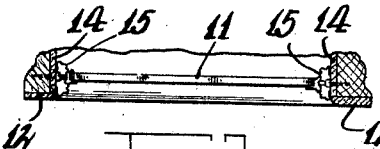


FIG. 3.

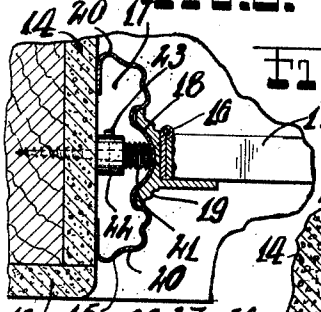


FIG. 4.

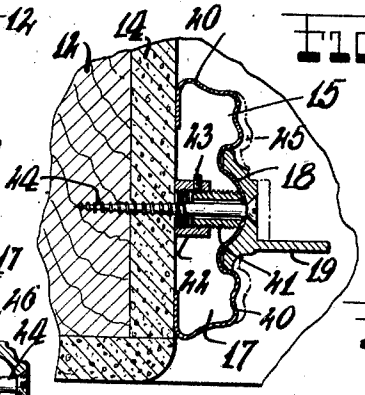


FIG. 5.

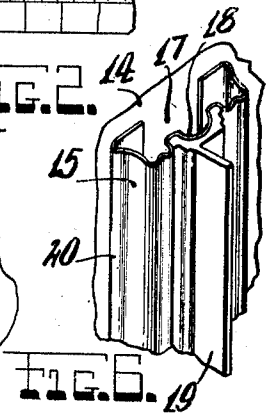


FIG. 6.

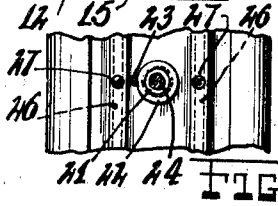


FIG. 7.

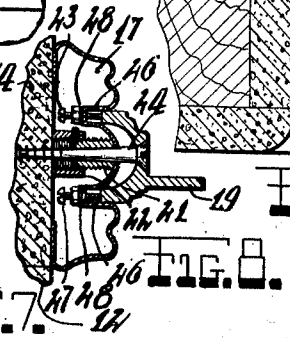


FIG. 8.

INVENTOR.
David Fox
BY
Zoltan F. Polacsek
ATTORNEY

Patented Aug. 13, 1929. 1,724,186

UNITED STATES PATENT OFFICE.

DAVID FOX, OF BROOKLYN, NEW YORK.

ADJUSTABLE SHOWER DOOR.

Application filed March 17, 1928. Serial No. 262,526.

This invention relates generally to doors, or the like and has more particular reference to a novel jamb therefor.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, desirable and efficient in action, and which can be manufactured and sold at a reasonable cost.

The device consists of a flexible strip of metal, or other material, bent so as to present an enclosed hollow when placed against a door frame or the like. The central portion of the strip along the longitudinal length is bent into a fixed shape accommodating a door bracket strip. Hollow members of adjustable length are disposed within the hollow of the strip for adjustment according to a desired thickness of the jamb. The strip, other than the said central portion is bendable for shaping the strip of a thickness determined by the said adjustable members. Screws may be engaged thru the door bracket strip, the said first strip, the hollow members, and into a door frame for securing the jamb in place. In modified form the device may be constructed adjustable by adjustably mounting the door bracket strip to a substantially non-flexible metal strip.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing:

Fig. 1 is a perspective view of the application of a door and the jamb.

Fig. 2 is a front view thereof.

Fig. 3 is a horizontal sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a fragmentary horizontal sectional view, taken on the line 4—4 of Fig. 2.

Fig. 5 if a similar view, but of the opposite side of the door frame.

Fig. 6 is a fragmentary perspective view of the jamb per se.

Fig. 7 is a fragmentary rear view of the jamb, illustrating a modified form thereof.

Fig. 8 is a horizontal sectional view thereof, similar to Fig. 5, but showing the modified form of the jamb.

The reference numeral 10 indicates generally a shower stall closed by a door 11 within a wall 12, a latch 13 being attached to the door.

The wall 12 has a door frame 14 for accommodating the door. Vertical jambs 15 are secured to the vertical side of the door frame. The door 11 is hingedly connected to one of the jambs 15, as indicated at 16.

Each jamb 15 consists of a vertical flexible strip of metal, preferably soft so as to hold any form to which it is bent. This strip is bent so as to present an enclosed hollow 17 beteween the strip and the door frame. The central portion 18 of the strip along its longitudinal length is bent into a certain shape for accommodating a door bracket strip 19. The end portions 20 of the strip is bent into some ornamental shape as shown.

Hollow members 21 with external threads engage hollow members 22 with internal threads, and members 22 are provided with set screws 23 for locking the members in adjusted positions. Screws 24 pass thru the parts 19, 21 and 22 and are engaged in the door frame.

In the operation of the installation of a door and the jambs, measurements are first made to determine the relative size of the door and the door frame for determining the desired specific lengths of bushings 21, 22. These bushings are then adjusted to the proper lengths and the screws 24 engaged into place, bending the end portions 20, as indicated by the dot dash lines 25, for forcing the jambs to the proper thicknesses, so that the door is a neat fit. The bushings 21, 22 may also be adjusted by the "cut and try" method.

In the modified form of the device illustrated in Figs. 7 and 8, each jamb consists of a vertical substantially nonflexible strip bent to present an enclosed hollow 17, and a pair of parallel slots 26. The ends of the door bracket strips 19′ are slidably engaged in the slots, and screws 27 threadedly engage the jamb strips and extend into the slots 26 for limiting the position of the ends of the bracket strips 19′. Lock nuts and washers 28 hold the screws 27 in adjusted positions. Screws 24 pass thru the strips 19′ and engage the frame 14 for holding the strips 19′ against the screws 27, and also for holding the jamb strips in place.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself

to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A door jamb, comprising a strip of bent form presenting a hollow, a door bracket strip engaged upon the outer central longitudinal portion thereof, an adjustable spacer engaged within the hollow, and a means for clamping the bracket strip and the first mentioned strip against the spacer for bending the first mentioned strip to a thickness as determined by the length of the spacer.

2. A door jamb comprising a metallic strip of bent form presenting a hollow, a door bracket strip engaged upon the outer central longitudinal portion thereof, an adjustable spacer engaged within the hollow, and a means for clamping the bracket strip and the first mentioned strip against the spacer for bending the first mentioned strip to a thickness as determined by the length of the spacer.

3. A door jamb, comprising a strip of bent form presenting a hollow, a door bracket strip engaged upon the outer central longitudinal portion thereof, leaving exposed end portions an adjustable spacer engaged within the hollow, and a means for clamping the bracket strip and the first mentioned strip against the spacer for bending the first mentioned strip to a thickness as determined by the length of the spacer.

4. A door jamb, comprising a strip of bent form presenting a hollow, a door bracket strip engaged upon the outer central longitudinal portion thereof, an adjustable spacer comprising bushing threadedly engaged with each other and locked in adjusted positions, and engaged within the hollow, and a means for clamping the bracket strip and the first mentioned strip against the spacer, for bending the first mentioned strip to a thickness as determined by the length of the spacer.

5. A door jamb, comprising a strip of bent form presenting a hollow, a door bracket strip engaged upon the outer central longitudinal portion thereof, an adjustable spacer comprising bushing threadedly engaged with each other and locked in adjusted positions, and engaged within the hollow, and a means for clamping the bracket strip and the first mentioned strip against the spacer comprising a screw passing thru the bracket strip, and the bushings for bending the first mentioned strip to a thickness as determined by the length of the spacer.

In testimony whereof I have affixed my signature.

DAVID FOX.