May 7, 1957 H. C. TROUTMAN 2,791,345

PLASTIC TEMPLET COVER

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FIG. 1

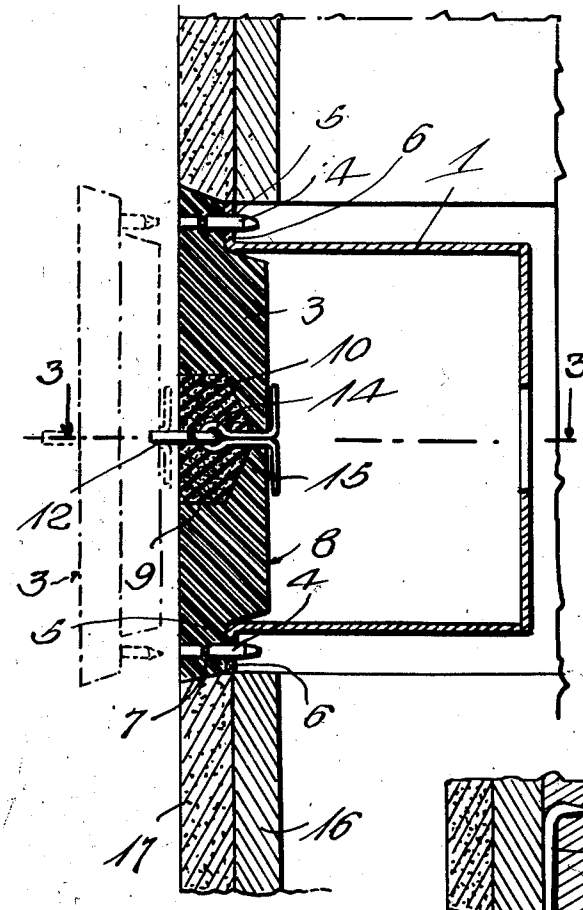


FIG. 2

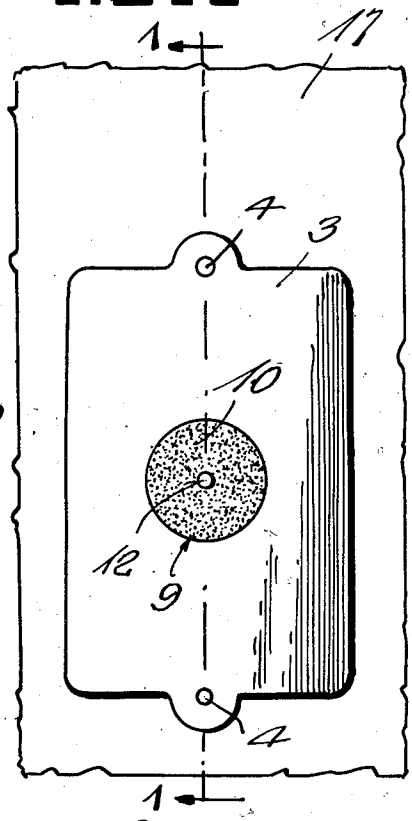


FIG. 3

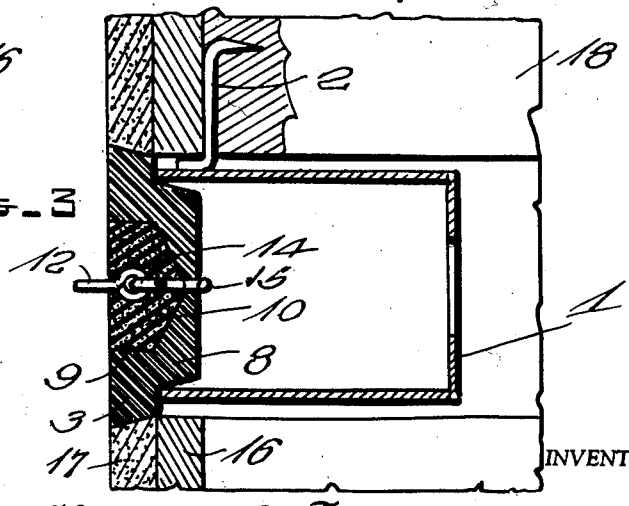
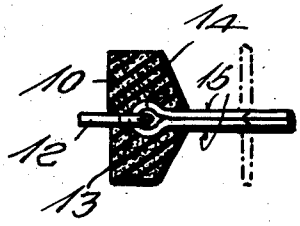


FIG. 10

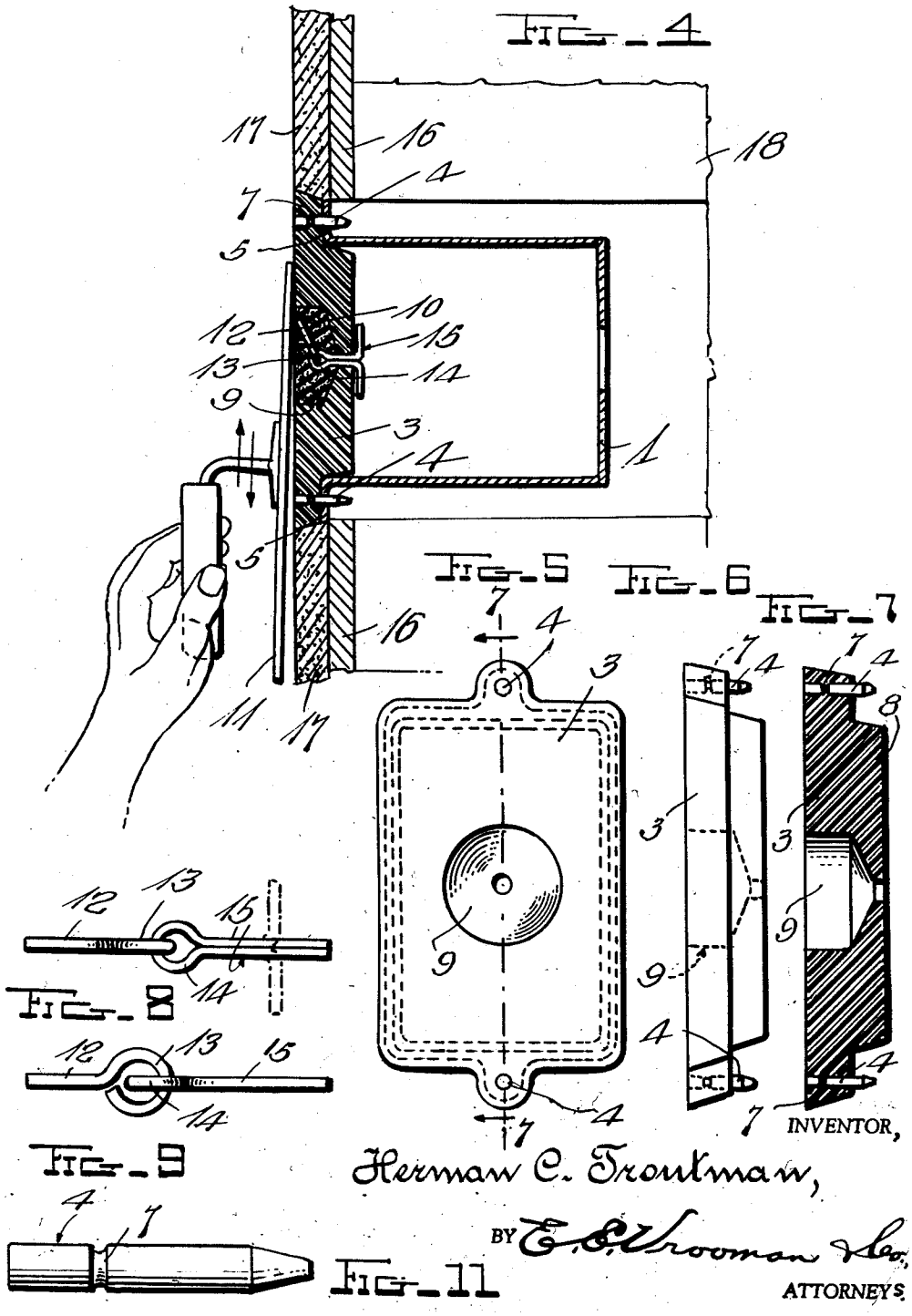


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PLASTIC TEMPLET COVER

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United States Patent Office 2,791,345 Patented May 7, 1957

2,791,345

PLASTIC TEMPLET COVER

Herman C. Troutman, Sarasota, Fla.

Application June 27, 1956, Serial No. 594,221

3 Claims. (Cl. 220—3.4)

This invention relates to a plastic templet cover for a switch or outlet box.

An object of this invention is to provide a closure device which is used temporarily to cover electric outlet boxes in homes and buildings during the plastering of the walls thereof.

Another object of the invention is to provide a plastic templet cover for a box of the class specified, which can be easily removed by grasping the locating pin and pulling on same for removing the said cover.

A further object of the invention is to provide a structure which is used temporarily for closing a box while the plastering operation is being accomplished, and which structure is of a novel combination whereby the plastering trowel can pass thereover during the operation of plastering or finishing the wall of a building.

With the foregoing and other objects in view, this invention comprises certain novel constructions, combinations, and arrangements of parts as will be hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a vertical sectional view of a portion of a wall of a building, the outlet box, and the plastic templet cover, taken on line 1—1, Figure 2, and looking in the direction of the arrows, while

Figure 2 is an elevated front view of the same.

Figure 3 is a sectional view taken on line 3—3, Figure 1, and looking in the direction of the arrows.

Figure 4 is a vertical sectional view somewhat similar to Figure 1, showing how the plastering trowel easily passes over the locating pin during the process of plastering the wall.

Figure 5 is a view in front elevation of the plastic templet cover, while

Figure 6 is a view in edge or side elevation thereof.

Figure 7 is a vertical sectional view taken on line 7—7, Figure 5, with the sponge rubber inlay removed.

Figure 8 is a view in elevation of the anchor pin and the foldable locating pin, while

Figure 9 is a similar view showing the parts at right angles to their position shown in Figure 8.

Figure 10 is a sectional view of the sponge rubber inlay upon which is mounted the two pins of Figures 8 and 9.

Figure 11 is an enlarged view in elevation of the box-engaging pin.

Referring to the drawings by numerals, 1 designates a switch or outlet box which is securely fastened in the walls of a building by means of a suitable arrangement at 2. The cover for the box 1 comprises a body 3 that is provided with box-engaging pins 4 that are adapted to extend through apertures 5 that are formed in flange 6 on the edge of the box 1. Each pin 4 is provided with an annular groove 7, which receives part of the body 3, thereby securely anchoring the pins 4 in the body. The cover 8 is moved into position against the face of the box 1 until the pins 4 register with the apertures 5 whereupon they are adapted to enter said apertures causing the cover to be properly located in position.

The body 3 of the cover 8 is provided with a socket 9 into which fits the sponge rubber inlay 10. This inlay

is of cylindrical shape and thereby it has no corners for the plasterer's tool or trowel 11, Fig. 4, to hit upon during the smoothing or plastering of the walls of the building.

By reason of the folding locating pin 12 being provided with a loop 13, said loop is positioned in the loop 14 of the split anchor pin 15. These pins are primarily mounted upon the sponge rubber inlay 10 with the anchor pin 15 projecting beyond the inner face of the inlay 10 and with its outer ends bent over at substantially right angles as shown, whereby the anchor pin 15 cannot easily be removed if undue strain is placed upon the locating pin 12. As shown in Figure 4 the locating pin may be pressed down upon or in the sponge rubber inlay 10 by action of the trowel 11 passing thereover, Fig. 4.

After the plastering has been finished, the plastic templet cover can simply be removed by grasping the pin 12 and pulling outwardly thereon whereby the device as a whole can be easily removed from the box 1. The sponge rubber inlay is used in order that there can be 100 percent flexibility for the pin 12. In other words, pin 12 will fall down on the rubber inlay and allow the plasterer's tool to smoothly operate thereunder if desired, or slide readily thereover, as shown in Figure 4, and then by the springy action of the inlay 10 the pin 12 will assume its normal position of extending outwardly to be readily grasped by the operator.

The wall of the house or building may be composed of sheet rock or lath 16, covered substantially on the front face with suitable plaster 17, and the permanent fastening means 2, Figure 3, is preferably fastened in a studding or beam 18.

While I have described the preferred embodiment of the invention and illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates during the extensive manufacture of the same, and I, therefore, reserve the right to make such changes or alterations as shall fairly fall within the scope of the appended claims.

What I claim is:

1. In a device of the class described, the combination of a body, a locating pin normally projecting from said body, and said body provided with yieldable means supporting said locating pin, whereby a trowel can pass over said locating pin and bend or press it against said yieldable means.

2. In a device of the class described, the combination of a body adapted to fit the front face of an electric outlet box, said body provided with a central socket, a cylindrical sponge rubber inlay seated in said socket, an anchor pin provided with a loop in said rubber inlay and with ends outside of said body and lying snug against the same, a foldable locating pin extending into said rubber inlay and provided on its inner end with a loop, said last-mentioned loop interlocked with the first-mentioned loop, and box-engaging pins on said body and extending inwardly thereon.

3. In a device of the class described, the combination of a body adapted to fit the face of an electric outlet box, said body provided with a locating pin, and means carried by said body for pivotally and yieldably supporting said locating pin thereon, said means including a yieldable sponge rubber pad and an anchor pin pivotally connected to said locating pin.

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