June 10, 1958 C. G. SCHWARZ 2,838,168

PROTECTIVE DOOR PLATE

Filed Aug. 11, 1954 2 Sheets-Sheet 1

FIG. 1

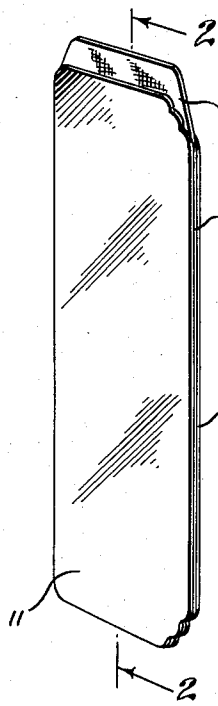


FIG. 2

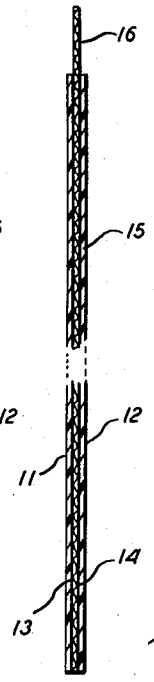


FIG. 3

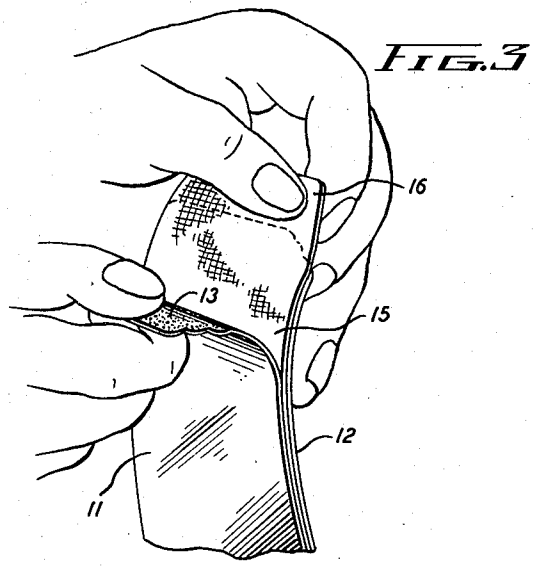


FIG. 5

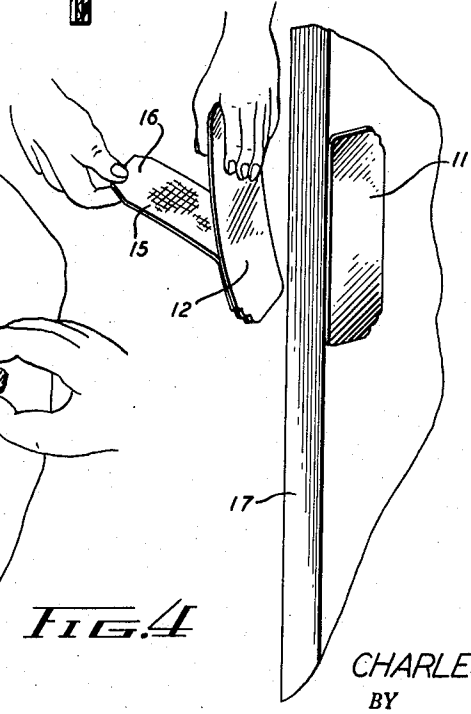
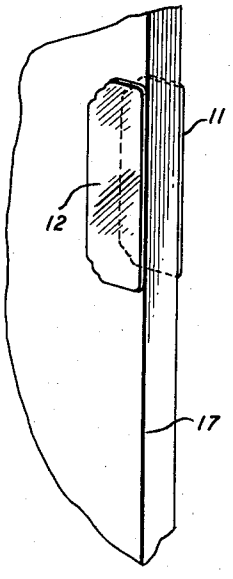


FIG. 6



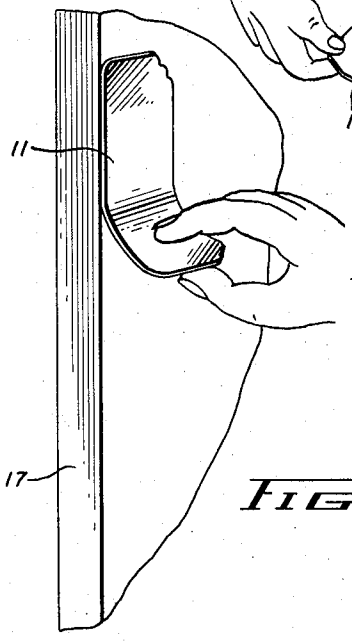


FIG. 4

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June 10, 1958 C. G. SCHWARZ 2,838,168

PROTECTIVE DOOR PLATE

Filed Aug. 11, 1954 2 Sheets-Sheet 2

FIG. 7

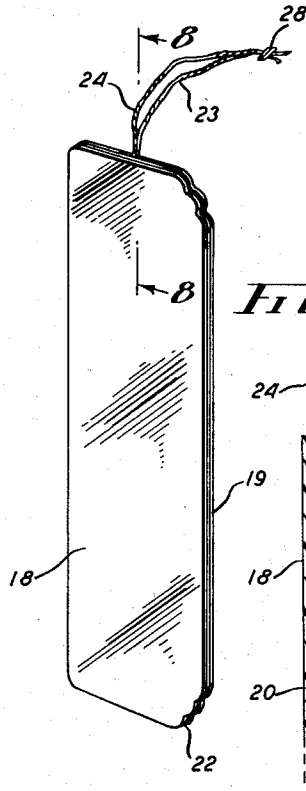


FIG. 8

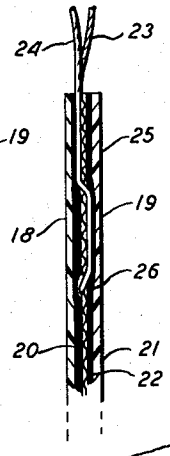
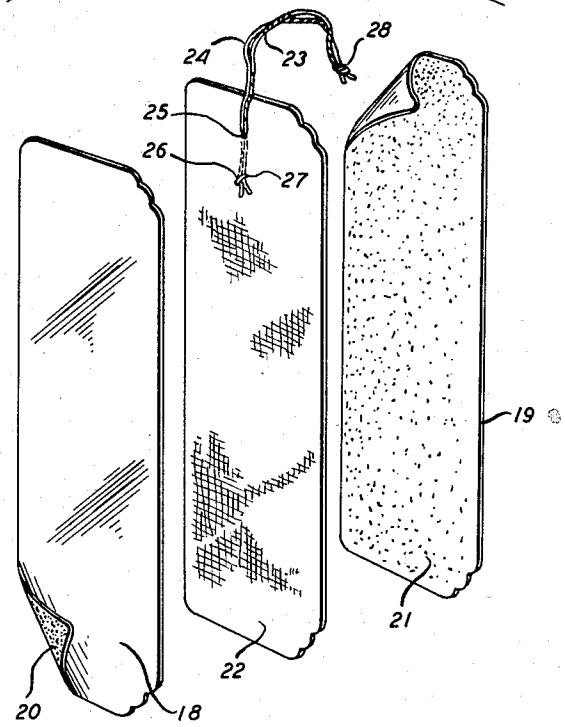


FIG. 9



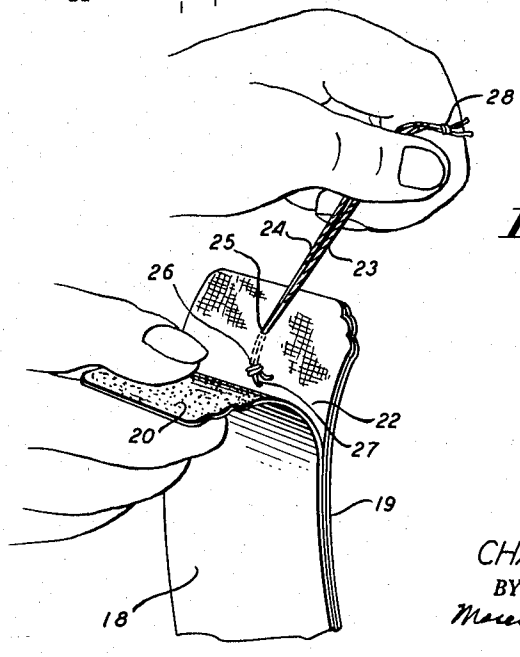


FIG. 10

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PROTECTIVE DOOR PLATE

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Application August 11, 1954, Serial No. 449,221

1 Claim. (Cl. 206—56)

This invention relates to door plates of the type commonly mounted upon swinging doors.

It is an object of the present invention to provide a plate for swinging doors or the like which will prevent finger marks caused by contact of the hand on the door frame from marring the frame, will prevent the door frame from becoming scratched, and which may be easily and readily washed with a damp cloth so as to present an attractive appearance at all times.

It is another object of the present invention to provide a plate for swinging doors or the like which may be easily and readily mounted upon the door without nails, screws or other objectionable fastening means and which, when once mounted, will remain firmly in place on the door.

It is still another object of the present invention to provide a plate for swinging doors or the like which will eliminate the expensive practice of repainting the door at the portion thereof commonly employed when pushing the same to an open or closed position.

It is still another object of the present invention to provide a plastic plate for swinging doors or the like which may be easily mounted thereon by means of a coating of pressure sensitive adhesive applied to one side of the plate.

It is still another object of the present invention to provide plastic door plates of the above type which will be provided in pairs having adjacent faces coated with a pressure sensitive adhesive and mounted on opposite sides of a centrally disposed tear cloth, the tear cloth extending beyond the plates at one end thereof to facilitate their separation from each other and from the cloth.

It is still another object of the present invention to provide plastic door plates of the above type which will be provided in complementary pairs having adjacent faces coated with a pressure sensitive adhesive and mounted on opposite sides of a centrally disposed tear cloth, and a tear string being provided intermediate the plates and secured to one end of the tear cloth and extending outwardly from the plates to facilitate their separation from each other and from the tear cloth.

Other objects of the present invention are to provide door plates bearing the above objects in mind which are of simple construction, inexpensive to manufacture, have a minimum number of parts, are easy to mount upon the door and which will remain firmly in position upon the door.

For other objects and a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which:

Figure 1 is a perspective view of a preferred embodiment of the present invention;

Figure 2 is a vertical sectional view thereof taken along the line 2—2 of Figure 1;

Figure 3 is a perspective view showing the manner of separating one of the door plates from the tear cloth;

Figure 4 is a perspective view showing the application of the removed plate to the door;

Figure 5 is a perspective view showing the removal of the other plate from the tear sheet;

Figure 6 is a perspective view showing both plates mounted on opposite sides of the door;

Figure 7 is a perspective view of a modified form of the present invention;

Figure 8 is a fragmentary view of a modified form of the present invention;

Figure 9 is an exploded perspective view of the parts comprising the modified form of the invention of Figure 7; and

Figure 10 is a perspective view showing the removal of one of the plates from the tear cloth.

Referring now more in detail to the drawing, and referring more particularly to Figures 1 through 6, a pair of complementary, substantially rectangular, identical plates or shields **11** and **12** are provided on adjacent faces with coatings of a pressure sensitive adhesive **13** and **14**, respectively. The plates **11** and **12** are preferably formed of a vinyl plastic having a shiny surface which may be easily and readily cleaned and polished by rubbing the same with a damp cloth.

A central tear cloth **15** substantially identical in size and shape with the plates **11**, **12** but extending beyond the same at one end in a flap portion **16**, is provided intermediate the plates **11** and **12**, substantially as illustrated. Thus, the plates **11**, **12** are mounted on opposite faces of the tear sheet or cloth **15**, as indicated in Fig. 1, with the flap **16** extending beyond the plates at one end. Preferably the cloth **15** will be formed of Holland rubber cloth.

The pressure sensitive adhesive coatings **13** and **14** will preferably be made up of synthetic rubber, a synthetic resin and a suitable solvent.

To mount the plates upon the door **17**, the tab portion **16** (Fig. 3) of the tear cloth **15** is grasped between the fingers of one hand, while the upper end of the plate **11** is pulled downwardly with the other hand until the plate is entirely removed from the cloth. The plate **11** is then pressed into position on the door at the selected area, being firmly retained in position by means of the pressure sensitive adhesive coating **13** (Fig. 5). The other plate **11** is similarly removed from the tear cloth **15** and likewise placed into position on the other face of the door **17** in lateral alignment with plate **11** (Fig. 6).

The plates **11**, **12** will be contacted by the fingers when pushing the door **17** to an open or closed position and upon becoming soiled it may be polished or cleaned with a damp cloth so as to present an attractive appearance at all times. These plates will protect the door from finger marks, scratches and, as indicated, are easily and readily mounted without the necessity of driving unsightly nails or screws into the door, and once mounted will remain firmly in position.

While the plates have been described in connection with a swinging door **17**, it will be readily apparent that the plates may be readily employed with any other type of door without departing from the spirit and scope of the invention.

Referring now particularly to Figs. 7 through 10, there is shown a modified form of the invention including vinyl plastic door plates **18** and **19** provided on their adjacent surfaces with pressure sensitive adhesive coatings **20** and **21**, respectively. A central cloth or tear sheet **22**, identical in size and shape with the plates **18** and **19**, is provided, the plates being secured on opposite faces of the tear sheet (Fig. 7) by means of their adhesive coatings. In this form, a tear cord comprising the double strands **23** and **24** passes through an opening **25** provided in the tear

sheet 22 and then through a second opening 26 where they are knotted together, as at 27. The other ends of the strands 23 and 24 are secured together by means of a knot 28.

As shown in Fig. 7, the strands 23, 24 will normally be exposed and by pulling downwardly on the same, it will be possible to separate one of the plates 18, 19 from the tear sheet 22 (Fig. 10). The other plate may then be similarly removed by holding the strands 23, 24 and pulling downwardly on the upper portion of the plate to separate the same from the tear sheet or cloth 22.

In this form of the invention, the plates 18, 19 will again be preferably formed of vinyl plastic while the tear sheet will be preferably formed of Holland rubber cloth.

While the various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined in the appended claim.

What is claimed is:

An article of manufacture comprising a pair of identical, substantially rectangular, complementary vinyl plastic door plates adapted to be positioned on opposite sides of a door and shaped to accommodate a hand, said plates being of such dimensions as to provide a sufficient surface for applying the hand in opening the door, a central sheet of flexible cloth material disposed between said plates having substantially the same shape as said plates and extending over the entire area of adjacent faces of said plates, pressure sensitive adhesive means on said adjacent faces of said plates for securing the same to said central sheet and when removed therefrom to the opposite faces of the door, and means secured to said central sheet for facilitating the removal of said plates from said sheet, said pressure sensitive adhesive means comprising a synthetic rubber, a synthetic resin and a solvent therefore, said means for facilitating the removal of said plates from said flexible sheet comprising an extension of said sheet beyond said plates at one end thereof to form a flap portion adapted to be held between the fingers while pulling the plates away from said sheet.

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