June 20, 1939. E. H. MOSELEY 2,163,151

DECORATIVE MEANS FOR RECEPTACLES AND PROCESS OF APPLYING SAME

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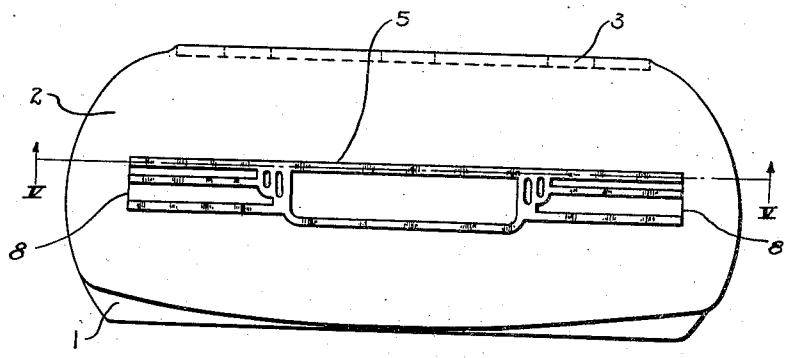


FIG. I

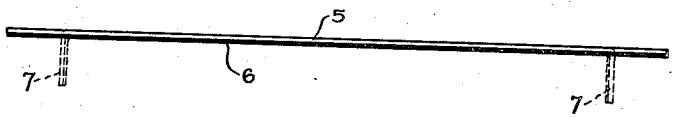


FIG. II



FIG. III

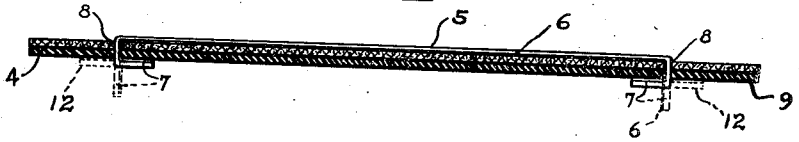


FIG. IV

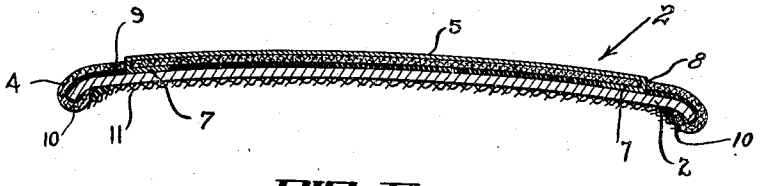


FIG. V

INVENTOR
Edward H. Moseley.
BY
Harry H. Stull
ATTORNEY

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DECORATIVE MEANS FOR RECEPTACLES AND PROCESS OF APPLYING SAME

Edward H. Moseley, Watertown, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts

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6 Claims. (Cl. 41—34)

This invention relates to improvements in receptacles and has particular reference to an improved decorative element for said receptacles and to the process of attaching said decorative element.

One of the principal objects of the invention is to provide a receptacle such as a spectacle or eyeglass case or the like with simple and inexpensive decorative means that may be quickly and easily applied to said receptacle.

Another object of the invention is to provide decorative means which, in secured relation with the receptacle, will have its ends positively secured between the main body portion or cover member of the receptacle and the covering material on said receptacle and has particular reference to the process of applying the same to said receptacle.

Another object is to provide novel means for forming and method of applying decorative means to receptacle whereby a multiplicity of different designs may be formed and be readily attached to the receptacle.

Another object is to provide simple, efficient and economical means and process of forming receptacles having decorative means thereon of the character described.

Another object is to confine the decorative means to as few parts as possible in order to reduce the cost of manufacture and to obtain simplicity of assembly.

Other objects and advantages of the invention will become apparent from the following description taken in connection with the accompanying drawing and it will be understood that many changes may be made in the details of construction, arrangement of parts and steps of the process without departing from the spirit of the invention as expressed in the accompanying claims. I, therefore, do not wish to be limited to the exact details of construction and steps of the process shown and described as the preferred form only has been shown by way of illustration.

In the drawing:

Fig. I is a plan view of a receptacle embodying the invention;

Figures II, III and IV illustrate various steps in the process of manufacture; and

Figure V is a sectional view taken on line V—V of Fig. I looking in the direction indicated by the arrows.

It has been usual in the past in providing receptacles such as spectacle cases or the like with different decorative designs to cover the main body portion and cover portion of the case with a non-metallic covering such as leather, imitation leather, cloth, canvas, etc., having different designs stamped, painted or otherwise applied thereto either before or after the said covering material is placed on the case. In many instances in the past difficulty would arise in obtaining a finished article having the decorative means properly applied thereto and also properly located and centered with respect to the body or cover portion of the case.

Another difficulty was that decorative means of the type which were painted, sprayed or otherwise applied to the covering material were not durable.

It, therefore, is one of the primary objects of this invention to provide decorative means which may be formed separately of the receptacle or spectacle cases and which may be quickly and easily applied thereto, particularly, to receptacles or spectacle cases of the conventional type.

Referring more particularly to the drawing wherein like characters of reference designate like parts throughout the several views, the receptacle embodying the invention as shown in Fig. I is of the type used for spectacles or eyeglasses and is composed of a body portion 1 having a cover portion 2 hinged thereto as illustrated at 3 throughout one of its longitudinal edges.

The main body portion 1 and cover portion 2 are preferably formed from sheet metal which is pressed and bent into the finished shape desired. After the main body portion and cover portion are secured in hinged relation with each other a non-metallic covering, such as leather, paper, cloth, or any other desired material 4 having the decorative means 5 embodying the invention secured thereto is preferably cemented or otherwise secured to the body portion 1 and cover portion 2.

The decorative means embodying the invention is in this particular instance preferably formed of relatively thin metallic material which may be blanked by suitable forming dies from sheets of said material. It will be understood that the details of said decorative means may be varied as desired, depending, of course, upon the characteristics of the blanking dies.

After the design has been formed or blanked from the sheet material as set forth above a coating of glue or other suitable adhesive 6 is sprayed or otherwise applied to one face of the decorative means, as illustrated in Fig. II.

After the glue coating 6 is applied to the de-

sign or decorative means 5 the ends 7 thereof are deflected, as shown in dotted lines in Fig. II.

The covering 4 having a coating or layer of gutta percha or other suitable cement or adhesive 9 thereon or placed in superimposed relation therewith, is then preferably cut or blanked by suitable cutting dies from sheets of covering material of the type set forth above. During the blanking of the covering material spaced slits 8 are simultaneously formed therein by suitable portions of the blanking dies. The slits 8 are adapted to receive the deflected ends 7 of the decorative means 5 as shown in Fig. IV. The said ends or depending portions 7 are then bent toward each other, or in the opposite direction as shown in dotted lines at 12 to lie against the under surface of the covering material 4 and coating of cement or adhesive 9.

The covering material 4 having the decorative means 5 attached thereto, as illustrated in Fig. IV, is then applied to said body portion and cover portion as illustrated in Fig. V. The said covering material and decorative means 5 are pressed into fitted and secured relation with the body portion 1 and cover portion 2 of the receptacle or spectacle case by suitable heated dies specifically designed for this purpose. This not only securely unites the covering material 4 with the body portion 1 and cover portion 2 but also softens the layer of adhesive 6 on the under surface of the decorative means 5 so that the said decorative means is securely united with the covering material 4 simultaneously to the uniting of the covering 4 with the main body portion and cover portion of the receptacle. In will be noted that the portions 7 are securely anchored between the main body portion 1 or cover portion 2 and the covering material 4 on said portion. The relatively thick layer of cement 9 being such as to cause the assembled parts to lie substantially in flush relation with each other, that is, the outer surfaces thereof.

The covering material 4 is turned inwardly about the edges 5 of the body portion 1 and cover portion 2 as illustrated at 10 in Fig. V, the adhesive means or cement 9 securely holding the said inturned ends in place. After the covering material 4 is in proper secured relation with the body portion 1 and cover portion 2 a suitable lining of velvet or other means 11 is placed internally of the body portion 1 and cover portion 2 and is held therein by a suitable cement or adhesive.

When the decorative means 5 is attached to the receptacle that is, during the placing of the covering material 4, having the decorative means 5 thereon on said receptacle by the heated dies the bar portions of the decorative means are forced inwardly of the covering material 4 a substantial amount. This result is brought about by the relatively thick layer of cement 9 which provides sort of a plastic or semiplastic under layer in which the decorative means may be pressed and which will support the covering material 4 during said operation.

Receptacles or spectacle cases having various different designs may be formed by the above process by merely selecting different decorative means and it is, therefore, quite obvious that no particular change of material is necessary in order to produce receptacles or spectacle cases of different distinctive designs.

Although the decorative means is described as being preferably formed of sheet metal stock it is to be understood that the said decorative means may be formed of fibre, or like composition, leather, cloth or other suitable means. This also applies to the covering material 4.

From the foregoing description it will be seen that simple, efficient and economical means and process have been provided for forming and securing decorative means, of the type which may be formed separately, to receptacles, spectacle cases or the like of conventional design whereby the nature of the decorative means and the detailed characteristics thereof may be controlled entirely separate of the general contour and other constructive details of the receptacles or spectacle cases.

Having described my invention I claim:

1. In a device of the character described, the combination of a case for spectacles or the like having a body portion and a cover portion, and a covering and lining for said portions, the covering for one of said portions consisting of two parts, one of which constitutes the main covering and the other a decorative covering, said main covering being secured to its respective portion of the case by a layer of adhesive and having end portions secured between the lining and said portion to which it is attached and the other decorative covering being of a smaller size than the main covering and having end portions extending through said main covering and lying between said main covering and the said respective portion of the case with the said ends embedded in the layer of adhesive with their upper and lower surfaces substantially in flush relation with the opposed surfaces of the adhesive whereby the said decorative covering is securely held in position.

2. The process of forming a decorated receptacle or the like comprising providing a base portion and a cover portion of given shape, providing flexible covering material shaped to be positioned on one of said portions, providing a layer of adhesive, forming an opening in said covering material and layer of adhesive, providing decorative means with a part shaped to extend through the openings in said covering material and layer of adhesive, placing said part through the opening in the covering material and layer of adhesive and deflecting the said part in a direction to overlie the adjacent portion of the layer of adhesive, placing the said covering material, layer of adhesive and attached decorative means in position on the portion of the receptacle to which it is to be attached and applying heat and pressure to said assembled members to soften the adhesive and to simultaneously force the deflected part into the adhesive to secure the covering material to said portion with the deflected part embedded in the adhesive so that its upper and lower surfaces will be substantially in flush relation with the opposed surfaces of the adhesive and with the said deflected part lying between the covering material and the said portion to which the covering material is adhesively attached.

3. The process of forming a decorated receptacle or the like comprising providing a base portion and a cover portion of given shape, providing flexible covering material shaped to be positioned on one of said portions, providing a layer of adhesive, forming an opening in said covering material and layer of adhesive, providing decorative means with a part shaped to extend through the openings in said covering material and layer of adhesive, applying a coating of adhesive to the surface of the decora-

tive means on the side thereof lying in the direction of extension of said part, placing said part through the opening in the covering material and layer of adhesive and deflecting the said part in a direction to overlie the adjacent portion of the layer of adhesive, placing the said covering material, layer of adhesive and attached decorative means in position on the portion of the receptacle to which it is to be attached and applying heat and pressure to said assembled members to soften the adhesive and to simultaneously force the deflected part into the adhesive to secure the covering material to said portion with the deflected part embedded in the adhesive so that its upper and lower surfaces will be substantially in flush relation with the opposed surfaces of the adhesive and with the said deflected part lying between the covering material and the said portion to which the covering material is adhesively attached and to simultaneously soften the coating of the adhesive on the decorative means so as to cause the said decorative means to adhere to the covering material.

4. The process of forming a decorated receptacle or the like comprising providing a base portion and a cover portion of given shape, providing flexible covering material shaped to be positioned on one of said portions, providing a layer of adhesive, forming an opening in said covering material and layer of adhesive, providing decorative means with a part shaped to extend through the openings in said covering material and layer of adhesive, placing said part through the opening in the covering material and layer of adhesive and deflecting the said part in a direction to overlie the adjacent portion of the layer of adhesive, placing the said covering material, layer of adhesive and attached decorative means in position on the portion of the receptacle to which it is to be attached and applying heat and pressure to said assembled members to soften the adhesive and to simultaneously force the deflected part into the adhesive to secure the covering material to said portion with the deflected part embedded in the adhesive so that its upper and lower surfaces will be substantially in flush relation with the opposed surfaces of the adhesive and with the said deflected part lying between the covering material and the said portion to which the covering material is adhesively attached, turning the contour edges of the covering material over the edges of the portion to which the covering material is secured so that the said contour edges will overlie the adjacent opposed surface of said portion and securing a lining to said portion with the contour edges of the covering material lying between said lining and said portion.

5. In a device of the character described, the combination of a case for spectacles or the like having a body portion and a cover portion, a lining for said portions, a covering for one of said portions consisting of two parts, one of which constitutes the main covering and the other a decorative covering, said main covering having end portions folded over and inwardly of a major part of the contour edge of the respective portion of said case and secured to said portion, and the other decorative covering being of a smaller size than the main covering and having end portions extending through said main covering and lying between the said main covering and the said respective portion of the case and secured there between by the means for securing said main covering to said portion.

6. The process of forming a decorated receptacle of the like comprising providing a base portion and a cover portion of given shape, providing flexible covering material shaped to be positioned on one of said portions, providing a layer of adhesive, providing decorative means with a part shaped to extend through the covering material and layer of adhesive, extending said part through the covering material and layer of adhesive and deflecting the said part in a direction to overlie the adjacent portion of the layer of adhesive, placing the said covering material, layer of adhesive and attached decorative means in position on the portion of the receptacle to which it is to be attached and applying heat and pressure to said assembled members to soften the adhesive and to simultaneously secure the covering material to said portion with the deflected part lying between the covering material and the said portion to which the covering material is adhesively attached.

EDWARD H. MOSELEY.