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SNAP-CATCH WALL BRACKET ASSEMBLY

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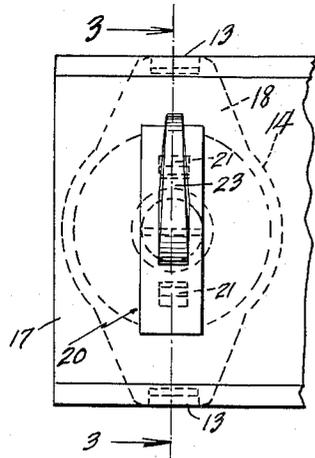
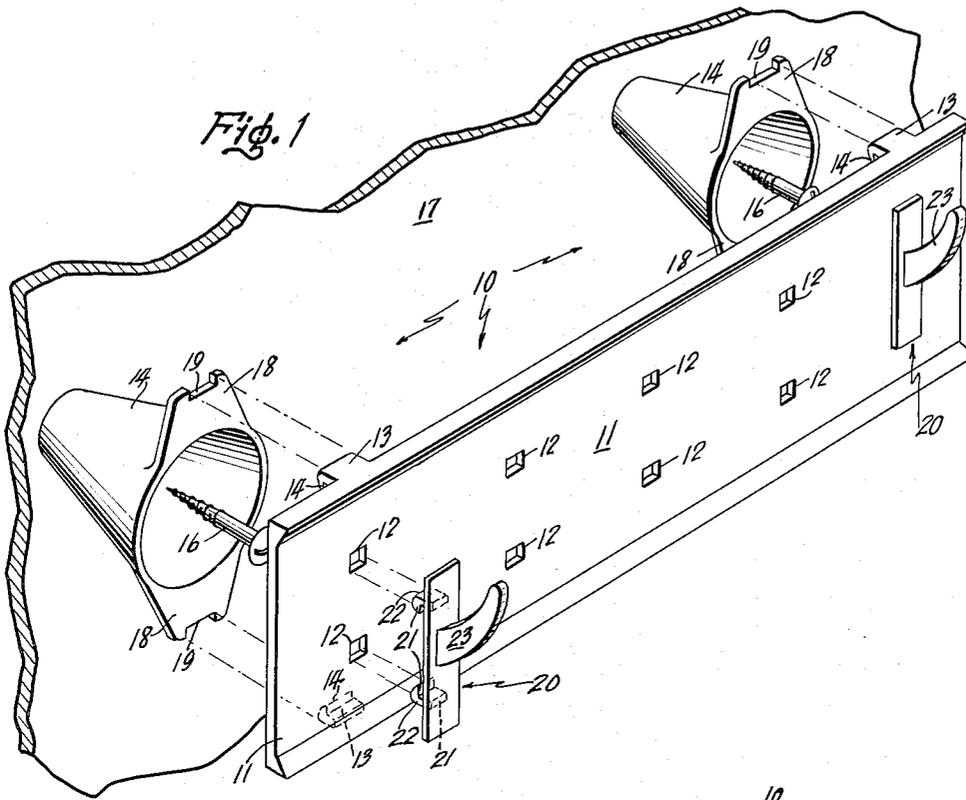


Fig. 2

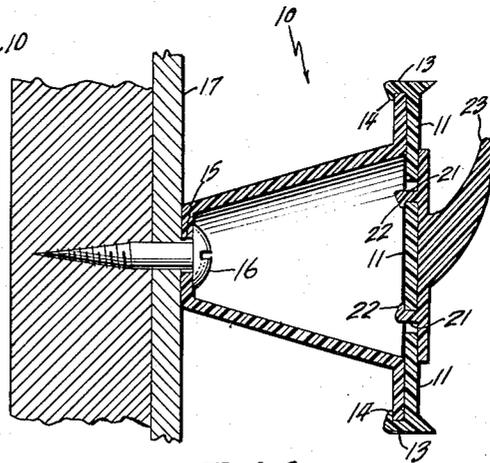


Fig. 3

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**SNAP-CATCH WALL BRACKET ASSEMBLY**

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 5 Claims. (Cl. 248—223)

This invention relates to wall brackets for holding articles, having particular reference to a snap-catch assembly of parts made of plastic materials, and the provision of such articles is the principal object of the invention.

A general object of the invention is the provision of such articles that are economic of manufacture, simple yet sturdy and durable of construction, in which the several assembly parts are separately molded in different colors, and in which the parts are readily assembled to be secured to any suitable wall surface.

More specifically, it is an object of the invention to provide a wall bracket for holding articles comprising a snap-catch assembly of parts that includes a face plate having spaced apart openings therein, and an article holding member overlying the openings in abutting relation with one side of the plate, the member having resilient elements projecting from its plate abutting side that terminate in hooks extending through the openings resiliently embracing adjacent portions of the plate between the hooks and the abutting member in interlocking but removable and interchangeable snap-catch engagement with the plate.

Another specific object of the invention is to provide such articles as above set forth, and wherein the several parts may readily be disassembled, and in particular the face plate and article holding members, so that they may be interchanged with others of different configuration as well as others of the same or different colors.

Other objects of the invention will in part be obvious and will in part appear hereinafter.

The invention accordingly comprises an article of manufacture possessing the features, properties, and the relation of elements which will be exemplified in the relation hereinafter described and the scope of the application of which will be indicated in the claims.

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

FIG. 1 is an exploded perspective view illustrating an embodiment of the invention;

FIG. 2 is a front view of an assembled portion of FIG. 1 broken away therefrom; and

FIG. 3 is a sectional view taken along the line 3—3 and looking in the direction of the arrows.

Referring more particularly to the drawing, there is indicated generally at 10 a preferred form of a wall bracket device comprising an elongated face plate 11 having a plurality of spaced apart and aligned openings 12 therein. Such a face plate may readily be molded from plastic material by a conventional injection process or any other suitable method and is preferably provided with integral resilient projecting elements 13 that terminate in hooks 14 directed toward each other.

In order to secure the face plate readily into position there is provided a pair of truncated conical members 14 likewise preferably made of plastic material, each of which has coaxial openings 15 therethrough to receive holding screws 16 whereby the same may be secured to a wall surface 17. The truncated conical members 14 are provided with lateral flanges 18, each of which has oppositely disposed guide slots 19 to receive the elements and hooks 13 and 14, respectively. When the flange portions 18 of the members 14 are brought into abutting

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relation with the rear surface of the face plate 11, the tapered hooks 14 will strike the flange portions 18 adjacent the slots 19 and the plastic projection elements 13, being resilient, will be deflected as the hooks are deflected in opposite directions until sufficient pressure will cause the hooks to override the guide slots, whereby the parts are brought into interlocking snap-catch assembly so that adjacent portions of the flanges will be embraced between the hooks and the plate. By sufficiently spreading the hooks in opposite directions the parts can be disengaged with equal facility if desired.

On the opposite sides of the plate 11 are one or more article holding members indicated generally at 20 that are adapted to overlie the openings 12 in abutting relation with one side of the plate. In order to hold them in position these members are provided with similar resilient elements 21 projecting from the base plate abutting side and which likewise terminate in hooks 22 that may extend toward or away from each other as desired.

These members may likewise be brought into snap-catch assembly relation with the plate 11 by pushing or forcing the hooks 22 through the openings 12 in order to embrace adjacent portions of the plate between the hooks and the abutting side of the member in interlocking but removable snap-catch engagement with the plate.

Projecting from the exposed side of the member 20, and integral therewith, are article holding members, preferably in the form of hooks 23 to hold any suitable articles such as kitchen utensils, clothes, and the like, when the entire assembly has been secured to a wall surface such as 17. The article holding members 20 are also preferably made of plastic.

There is a distinct advantage in making all of the foregoing parts separately in different colors so that they can be interchanged with parts of similar or different configuration as well as with parts of the same or different colors and this results in considerable economy of manufacture and production.

Since certain changes may be made in the above article and different embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

It is also to be understood that the following claims are intended to cover all of the generic and specific features of the invention herein described, and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween.

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

1. In a wall bracket for holding articles, the improvement of a snap-catch assembly comprising a face plate having spaced apart openings therein, and an article holding member having a base plate integral therewith overlying said openings in abutting relation with one side of said face plate, said base plate having elements integrally projecting therefrom which terminate in resiliently opposed hooks extending through said openings embracing adjacent portions of said face plate therebetween to hold said abutting member in interlocking but removable snap-catch engagement with said face plate, and means including resiliently opposed top and bottom holding elements on said face plate adapted removably to secure said assembly to a wall surface retaining member.

2. In an assembly as defined in claim 1, and further characterized in that said means includes a retaining member having lateral flanges abutting the other side of said face plate, which plate likewise has said opposed top and bottom holding elements integrally projecting from said other side that terminate in hooks resiliently embracing adjacent portions of said flanges between said hooks and

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face plate in interlocking but removable snap-catch engagement therewith.

3. In an assembly according to claim 2, and wherein said flanges have oppositely disposed guide slots to engage said top and bottom resilient elements on said plate.

4. In an assembly according to claim 2, and wherein said retaining member terminates in a truncated conical portion having a single coaxial opening therein to receive a holding member, whereby to secure the same to a wall surface.

5. In an assembly as defined in claim 1, and further

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characterized in that said article holding member comprises at least one hook projecting from said base plate on its exposed side in a direction opposite from said resilient elements.

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