June 14, 1949. R. G. MONTERO 2,473,086

HOLDER

Filed Jan. 12, 1949

Fig. 1

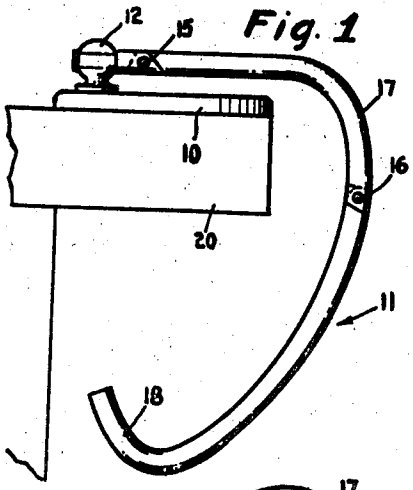
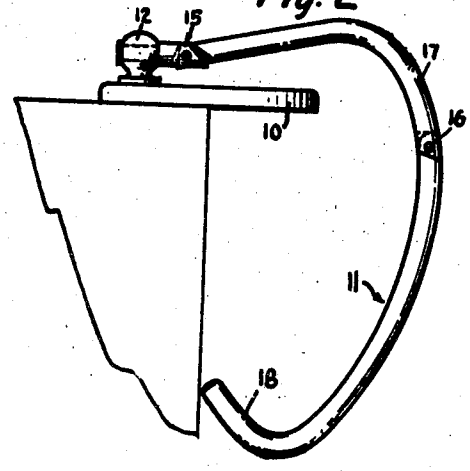


Fig. 2



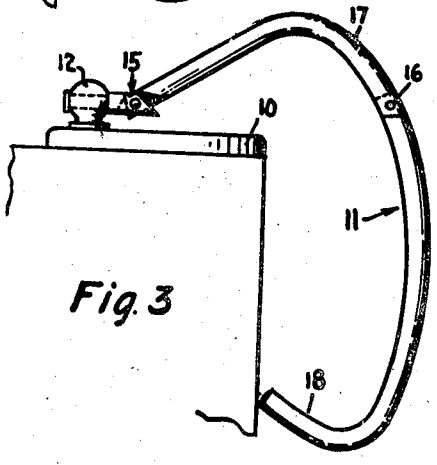


Fig. 3

Fig. 4

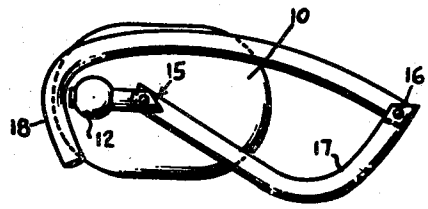
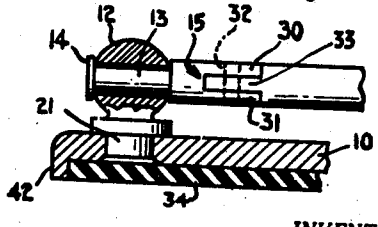


Fig. 5



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2,473,086

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2,473,086

HOLDER

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6 Claims. (Cl. 248—308)

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This invention relates to an improvement in portable holders intended to be carried about and used, as occasion demands, for supporting objects, such as ladies' handbags, from tables, counters, shelves, etc.

It is an object of this invention to provide an improved holder of the class described; which is collapsible into a smaller space so as to be more convenient to carry; which may be more easily used; which will support objects under conditions in which the hook portion of the holder is fully extended and also when it is not fully extended; in which the hook element opens inwardly when the holder is in load carrying position; and which is inexpensive to manufacture.

Still other objects and advantages of my invention will be understood from the specification.

The features of novelty which I believe to be characteristic of my invention are set forth in the appended claims. My invention itself, however, both as to its fundamental principles and as to its particular embodiments, will best be understood from the specification and accompanying drawing, in which—

Figure 1 is a side elevation of an improved holder of my invention, shown in use on a shelf or table having a projecting ledge;

Fig. 2 is a similar view of my holder in one position of use on a counter which has no projecting ledge portion;

Fig. 3 is a similar view of the holder in another position of use on a counter which has no projecting ledge;

Fig. 4 is a top plan view of the holder collapsed for carrying;

Fig. 5 is a detail section illustrating a joint and pivotal mounting between the hook and the support plate;

Referring now more particularly to Figs. 1 to 5, 10 designates the supporting plate for the holder. This may be made of any convenient size, shape and material. Generally, however, it will be found satisfactory to make it as a metal stamping, with a downturned flange 42, i. e., in the form of an inverted, shallow cup, although it may be made satisfactorily of plastic.

Mounted near one end of the plate 10, in the embodiment of my invention now being described, I prefer to provide a post 12 which carries the supporting hook, indicated generally, at 11. The post 12 is preferably made spherical with a depending extension 21 which extends into an opening in the supporting plate 10 and is staked or otherwise secured therein.

The post 12 is provided with an opening forming

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a bearing for one end 13 of the hook, which end may be of smaller diameter than the remainder of the hook to form a shoulder, and is headed over at its outer extremity 14 to prevent the hook from slipping out of the supporting post. It will be understood that the hook 11 is free to rotate on its bearing in post 12.

Adjacent to post 12 the hook has a horizontal portion extending beyond plate 10 in which is provided a hinge 15. Also in the embodiment of my invention now being described, I provide a second hinge 16 in the depending bent portion 17. The hook terminates in an inward and upturned hook element 18.

Preferably, the hook is make of relatively thick wire, although it may, of course, be made of tubing. The hinge 15 is so made that it will permit folding of hook 11 only counter-clockwise from the load-carrying position shown in Fig. 1, but will not permit folding clockwise. Similarly, the hinge 16 is made so that the hook will fold inwardly but not outwardly at that point.

Details of one form of hinge which may be used are shown in Fig. 5. At one side of the hinge the wire is slotted to provide two fingers 30 and 31, and at the other side the wire is cut away to provide a central interleaving finger 33. Pin 32 extends through registering openings in fingers 30, 31 and 33 and acts as a bearing. The outer ends of the fingers 30 and 31 and the base of the cut outs forming finger 33 are appropriately tapered to support the load in one direction and permit folding in the other direction. Hinges are of course well known, and any other suitable form may be used.

The base of plate 10 will be provided with a suitable friction surface 34, such as a rubber pad secured in cup 42.

The manner of use of the hook will now be described. To collapse the hook so that it may be carried in a handbag, or in the pocket, or the like, the hinges 15 and 16 will be folded to the position of Fig. 4, and the plate 10 will be turned side-wise. This reduces the hook to a small flat object which is convenient to carry, and is yet easily and quickly put into position for use. For example, a woman can carry the hook in her handbag and, when playing bridge or on other occasions can quickly open up the hook and place it beside her on the table 20, substantially in the position shown in Fig. 1, so as to support her handbag where it is accessible and yet out of the way and protected.

Or, for use at a counter which has no overhanging edge portion, the hook may be used in the position of Fig. 2, with part of the plate 10

overhanging the edge of the counter, and with hinge 15 slightly bent; or in the position of Fig. 3, with the hinge 15 bent to a greater extent. In both these instances the supporting portion 18 engages the side of the counter or the like, the hinge 15 permitting the further tilting of the hook as necessary, without taking the hook element out of load carrying position.

In the specification, I have explained the principles of my invention and the best mode in which I have contemplated applying those principles, so as to distinguish my invention from other inventions; and I have particularly pointed out and distinctly claimed the part, improvement or combination which I claim as my invention or discovery.

While I have shown and described certain preferred embodiments of my invention, it will be understood that modifications and changes may be made without departing from the spirit and scope thereof, as will be clear to those skilled in the art.

I claim:

1. A new article of manufacture consisting of a supporting plate and a hook swingably mounted in said supporting plate, said hook in load supporting position having a portion extending parallel to said supporting plate and a hinge in said parallel-extending portion permitting rotation of said parallel extending portion from load-carrying position only away from said supporting plate and having a second hinge between said first hinge and the open end of said hook, said second hinge permitting folding of the open end of said hook from load-carrying position only toward the parallel extending portion thereof.

2. A new article of manufacture consisting of a supporting plate, and a hook carried by said supporting plate, said hook being mounted for swinging movement in said plate about an axis parallel to said plate, and being hinged at a plurality of points between its ends, the hinge adjacent the supported end of the hook permitting folding of said hook from load-carrying position only in a direction away from said supporting plate, and the other hinge permitting folding of the open end of said hook from load-carrying position only in a direction toward said supporting plate.

3. A new article of manufacture consisting of a supporting plate and a hook pivotally mounted thereon for swinging movement about an axis parallel to said plate, said hook being hinged at a pair of points intermediate its ends, said hinges permitting folding of said hook to and from load-carrying position.

4. A new article of manufacture consisting of a supporting portion adapted to rest upon a table or the like, a load carrying hook portion depending in one position a substantial distance below said supporting portion, and a hinge connection between the hook portion and the supporting portion, the supporting portion and the hook having complementary engaging portions adjacent the hinge permitting the hinge to pivot in one direction but not in the opposite direction, and such complementary portions being in engagement when the hook is in load carrying position.

5. A new article of manufacture consisting of a supporting portion adapted to rest upon a table or the like, a load carrying hook portion depending in one position a substantial distance below said supporting portion, and a hinge connection between the hook portion and the supporting portion, permitting the hook and supporting portions to move relatively to one another about two axes, one in which there is relative movement of the two portions to bring the supporting portion into a non-supporting position and the other in which the hook is movable upwardly with respect to said support while leaving the support and the hook in load carrying position.

6. A new article of manufacture consisting of a supporting portion adapted to rest upon a table or the like, a load carrying hook portion extending in one position a substantial distance below said supporting portion and terminating at its lower end in a hook element normally located beneath the supporting portion, a pivot mounting for the hook portion on the supporting portion permitting relative movement of the two portions in which the supporting portion occupies two different positions, and a second pivot mounting for the hook portion on the supporting portion permitting upward movement of the hook portion wherein the hook element is not beneath the supporting portion but remains in load carrying position with the supporting portion resting upon the table.

RICARDO GONZALEZ MONTERO.

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