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P. E. DRAHEIM

1,897,018

SHOPPING BAG

Filed Oct. 10, 1930

FIG. 1.

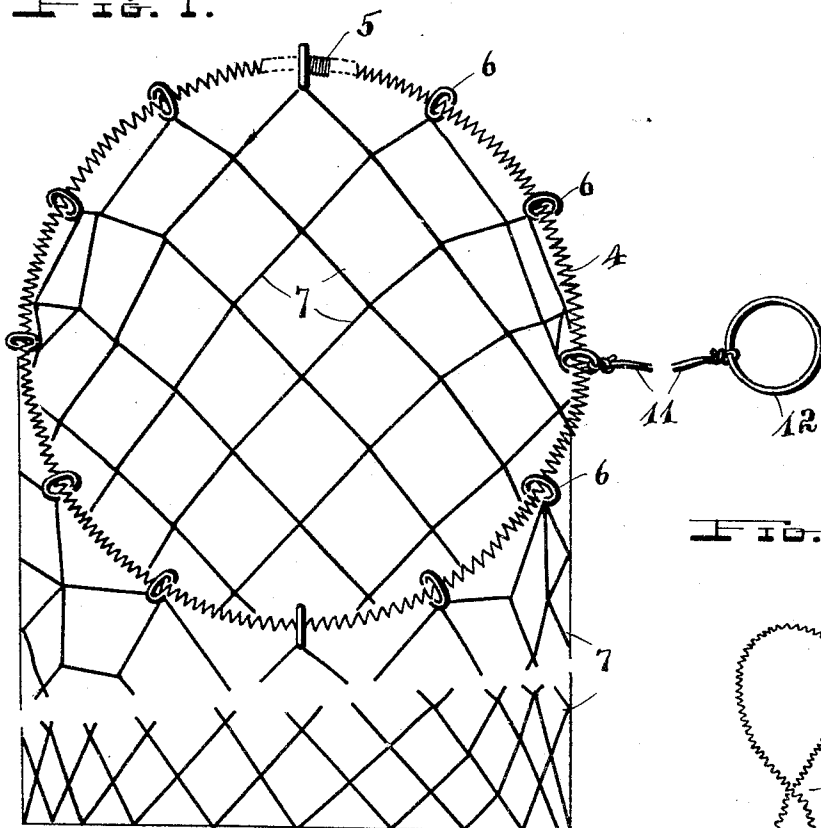


FIG. 2.

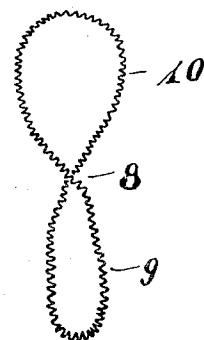
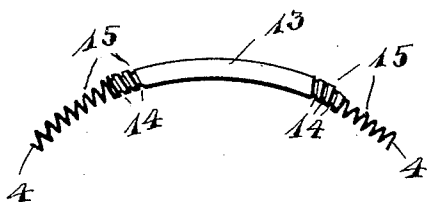


FIG. 3.



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SHOPPING BAG

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This invention relates to devices used for inserting, or placing, or accumulating merchandise, or any small parcels, customarily collected or carried during or from shopping
5 trips.

One of the objects of this invention is to provide a container that will readily open in such a manner that parcels may easily be inserted.

10 Another object is to provide a shopping bag that will automatically close when grasped in a certain manner.

Another object is to provide a shopping bag that can be folded into the possibly
15 smallest parcel when not in use.

Other objects will appear from the following description and appended claim as well as from the accompanying drawing, in which—

20 Fig. 1 is a fragmentary perspective view of a simple shopping bag in open position designed to operate and to be handled according to this invention.

Fig. 2 rough outline of the coil spring
25 used in the top edge of the shopping bag, illustrating how this spring may be twisted and folded when not in use.

Fig. 3 is a plain connection that may serve as a handle member and at the same time
30 facilitate a connection of the ends of the spring coil.

As illustrated in Fig. 1, one of the principal features of this invention is a coil spring 4, inserted in the top edge of the shopping
35 bag.

This coil spring is preferably endless and of closely wound form, endless for the reason that it will then always tend to spread or open to a circular or round shape as soon as
40 it is released, and closely wound for the reason that it will facilitate a slipping of the attached bag to desired positions and conditions, considering that a closely wound coil forms a suitably smooth surface over
45 which eyes or rings of the shopping bag may slide quickly to desirable positions, while somewhat spaced wound coils might cause trouble in that the netting or other parts of the bag could become caught or entangled
50 between the coils.

At 5, for instance, a few coils are indicated in such a closely wound manner that the rings 6, preferably used in connection with this bag, will easily slip over the comparatively smooth surface of such a coil to any
55 position on the endless coil-edging of the bag.

A net 7 is shown attached to the rings 6 in such a manner that it will readily hang from the opened coil-ring-edge 4 in such a condition that a parcel or any article may easily
60 be inserted into this bag.

From the rough outline in Fig. 2 it will easily be understood that the coil-edge may be twisted so that it will cross as indicated
65 at 8 whereby two practically equal loops 9 and 10 are formed, which in turn may be folded one upon the other in the form of one loop; and, that the folded loops may again be twisted in a similar manner and folded
70 together; and that this may be continued until a comparatively small bundle or parcel is made of the otherwise large coil-edge, around which the netting may easily be
75 rolled to a compact suitably small package that will take up little room.

In this comparatively small form, the shopping bag may be carried in a lady's handbag or in a pocket when not in use.

To one of the rings 6, a string 11 with a
80 ring 12, as a handle, is preferably attached as an additional convenience inasmuch as it serves to facilitate an opening of the shopping bag from the compact small condition. This string with the ring 12 is preferably ar-
85 ranged during the twisting and rolling of the netting in such a manner that at least the ring 12 still protrudes from the small package.

By grasping the ring 12 and shaking the
90 small package, the whole netting will easily undo, and the coil-edge has the tendency to spread out to the circular and round position in which it is illustrated in Fig. 1, thereby making the whole shopping bag automati-
95 cally ready to receive parcel and articles without requiring the user to do the unwinding and untangling of a bag after having been carried in the pocket or other handbag preparatory to the shopping.
100

When the shopping, either as to single articles or as to the whole shopping trip, has been completed, the shopper simply takes hold of any portion of the coil-edge where-
5 upon all the small rings 6 will slip along the coil-edge to the lowermost portion of the coil-edge, the coil-edge in this manner forming the handle for the shopping-bag, and the shopping thereby also closing itself automat-
10 ically by the fact that all small rings arrange themselves closely at the lowermost portion of the hanging coil-edge while so carried by the shopper.

Again, a mere grasping of the lowermost
15 portion of the coil-edge, between any two of the small rings while retaining hold of the coil-edge in the carrying hand, however bringing the lower portion to an even level with the carried portion, automatically opens
20 the bag.

As long as the small rings 6 are held by the netting equally spaced, the rings have the tendency to slip to positions equally spaced on the coil-edge, especially so when the string
25 11 is grasped by the handle ring 12, since this string is attached to one of the rings and the other rings are naturally drawn by the netting to their properly spaced positions on the coil-edge.

Though the preferable form consists of an
30 endless coil-spring-edge, a handle 13 of the form illustrated in Fig. 3 may be used, having spiral grooves 14 in which the ends 15 of the, in this case otherwise disconnected,
35 coil-spring are secured or applied in such a manner that with this handle as a connecting link an endless edge is also formed.

Having thus described my invention, I claim:

40 In a shopping bag, an edge member of endless form made of a coil spring material adapted to automatically resume its normal open shape when released, rings slidably
45 disposed on the edge member, a shopping bag proper attached to the rings and adapted to be held open by the edge member, and a handle member attached to one of the rings and adapted to facilitate an opening of the bag, the edge member being shiftable within
50 the rings and otherwise exposed to be grasped at any point to cause the rings thereon to slide so as to close the bag.

In testimony that I claim the foregoing as my invention I have signed my name.

55 PAUL E. DRAHEIM.