

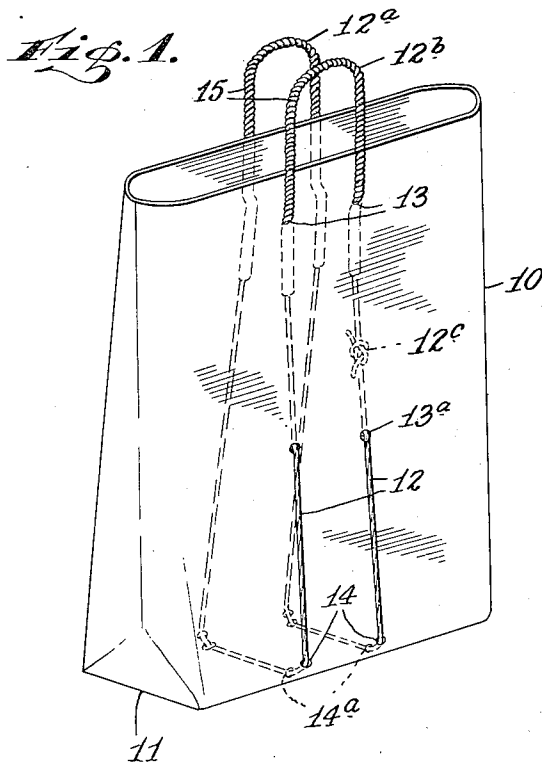
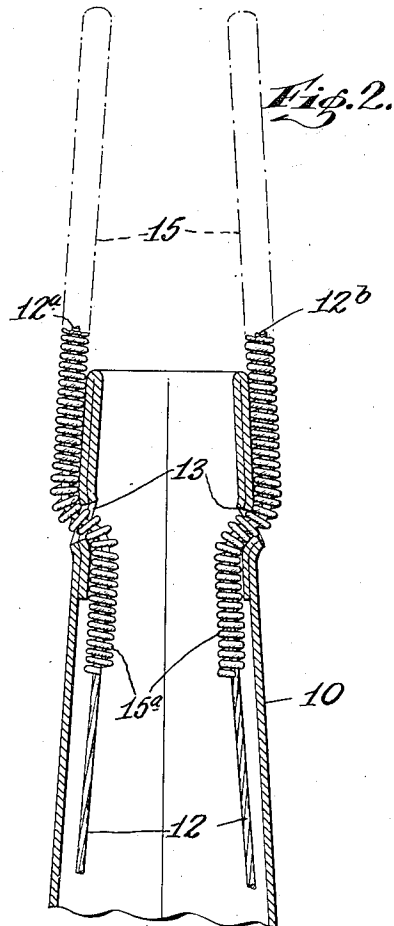
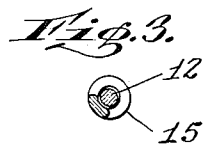
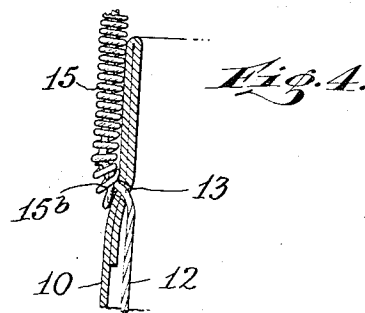
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SHOPPING BAG

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SHOPPING BAG

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This invention relates to what are commonly known as shopping bags composed of heavy paper, and particularly to a bag reinforcement and handle structure which will provide a more practical handle and also serve to prevent tearing of the bag when in use; and the object of the invention is to provide a bag of the class described with a supporting and reinforcing cord attached to the bag to reinforce the bottom thereof, and looped at opposite sides of the bag to form handle members and further to the provision of a coiled body of paper rope or twisted paper strand enveloping the handle portions of said cord to provide a stouter handle construction, prevent cutting of the hands in carrying the bag filled with merchandise; a further object being to provide a coiled body of the class described which extends through openings formed in the bag to provide bearings for the supporting twine or cord, preventing the tearing of the bag where the openings are formed therein; and with these and other objects in view, the invention consists in a shopping bag of the class described, which is simple in construction, efficient in use, and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:

Fig. 1 is a perspective view of a bag made according to my invention.

Fig. 2 is a partial, transverse section of the bag shown in Fig. 1.

Fig. 3 is a sectional, detail view of a part of the handle which I employ; and

Fig. 4 is a view similar to Fig. 2 showing only a part of the construction and showing a modification.

In the drawing, 10 represents a shopping bag of conventional form, the bottom 11 of which consists of foldable parts to permit the extension of said bottom to form an oblong, rectangular container in which articles of merchandise may be placed, and also to facilitate the flat packing and shipment of the bag when not in use. It will be understood that the bag 10 may be composed of any suitable material, and of any desired ornamentation to enhance the appearance thereof, as is customary in the manufacture of bags of this class.

At 12, I have shown a reinforcing and supporting cord or twine which may be composed

of any suitable material, such for example, as twisted paper producing what is known as paper rope or twine, and this strand is formed into two loops 12a and 12b projecting above the upper edge of each side of the bag to form handle members, the ends of each loop extending into the bag through openings 13 disposed adjacent the upper ends thereof, and then outwardly through openings 13a, then inwardly through openings 14 disposed adjacent the bottom of the bag, and then outwardly through openings 14a on the bottom of the bag and across the bottom of the bag, the ends of the loop 12a being continuous with those of the loops 12b. In other words, the handle portions and supporting strands extending therefrom are made from a single cord or strand, the ends of which may be attached as seen at 12c. The general structure of the bag as above described is old and well known.

In carrying my invention into effect, I arrange on the loops or handle portions 12a—12b, supplemental hand grips or handle members 15 made from a strand of suitable material fashioned to form a continuous coil or spring-like body which envelops the loops 12a, 12b, and in which the strands of said loops are slidably or movably supported. In the construction shown, the members 15 are fashioned from twisted paper or what is known as paper rope to provide the soft texture to said supplemental handle members, and it will be apparent that by virtue of the material enlargement of the loops 12a, 12b by the arrangement of the members 15 thereon, more comfortable handle members or grips are provided.

The coiled bodies or members 15 extend through the openings 13 and into the bag for an inch or more as indicated at 15a, and it will thus be seen that the ends 15a passing through the apertures 13 form bearings or bushings through which the cord or strand 12 is free to pass. This will operate to prevent the tearing of the bag at the openings 13, as it will appear that when the bag is loaded with merchandise, the ends of the members 15 adjacent the opening will bear against the outer surface of the bag and thus reinforce the bag against the strain of the cord 12 thereon, in addition to reinforcing the strain on the bag adjacent the openings 13.

The handle members 15 will fit snugly in the apertures 13 to prevent displacement of the handle members therefrom, and if desired, the end portions of the supplemental handle members 15 may be glued or otherwise secured to the

bag, and in so doing the attachment will be made so as to permit free movement of the cord 12 longitudinally of the members 15. In this connection, it will be understood that when the bag is in use and the two handle members are grasped by the hand in carrying the bag with one or more articles therein, the supplemental handle members 15 will remain fixed in the hand, and the loop portions 12a, 12b of the cord 12 will be free to slide longitudinally through the coils of the members 15, especially in the swinging movement of the bag, thus eliminating the strain on the hand or any possibility of cutting, occasioned by frictional engagement.

In Fig. 4 of the drawing, I have shown a slight modification, wherein the supplemental handle member 15 terminates at its ends outwardly of the wall structure of the bag 10 at the openings 13, said ends 15b of the handle members being enlarged to form stops, preventing inward movement of the handle members into the bag. With this type of construction, it will appear that the supplemental handle members will at all times extend beyond the bag, and will prevent shifting of the looped or handle portions 12a, 12b of the cord 12, as will be apparent. With this construction, the cord 12 or the loops 12a, 12b thereof are free to pass longitudinally through the supplemental handle members 15, as in the other structures, thus providing the same advantageous characteristics.

It will be understood that the supplemental handle members may be produced in a color similar to that of the color of the strand 12, or a color contrasting thereto. It will also be apparent that while I have shown my improved handle construction as applied to a bag of specific form and construction, I am not necessarily limited in these respects, and it will also be understood that various types of tubular supplemental handle members may be employed, which will provide the structural features herein specified, and at the same time, it will appear that the supplemental handle structure is applicable to handles of various types and classes, and various changes in and modifications of the construction herein shown and described may be made within the scope of the appended claims without departing from the spirit of my invention or sacrificing its advantages.

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

1. The combination with a container of the class described having a U-shaped, strand-like handle member protruding beyond the container, of a supplemental handle member involving a tubular body of flexible material enveloping said first named handle member and in which the first named handle member is longitudinally movable, the ends of said supplemental handle member extending through the container and forming bearings for the first named handle member where it passes through the container.

2. The combination with a container of the class described having a U-shaped, strand-like handle member protruding beyond the container, of a supplemental handle member involving a tubular body of flexible material enveloping said first named handle and in which the first named handle member is longitudinally movable, the ends of said supplemental handle member extending through the container and forming bearings for the first named handle member where it

passes through the container, and the ends of said first named handle extending in the form of straps extending around the bottom of the container and terminating at their ends in another handle member similar to said first named handle member.

3. The combination with a container of the class described having a U-shaped, strand-like handle member protruding beyond the container, of a supplemental handle member involving a tubular body of flexible material enveloping said first named handle member and in which the first named handle member is longitudinally movable, the ends of said supplemental handle member extending through the container and forming bearings for the first named handle member where it passes through the container, and said supplemental handle member being fashioned from a strand-like body formed into an elongated coil.

4. The combination with a container of the class described having a U-shaped, strand-like handle member protruding beyond the container, of a supplemental handle member involving a tubular body of flexible material enveloping said first named handle member and in which the first named handle member is longitudinally movable, the ends of said supplemental handle member extending through the container and forming bearings for the first named handle member where it passes through the container, said supplemental handle member being fashioned from a strand-like body formed into an elongated coil, and the strand of said coiled body being composed of twisted paper.

5. In shopping bags of the class described having reinforcing cords extending from the bottom of the bag upwardly along the sides thereof and terminating in upwardly projecting loops forming handle members, a supplemental handle member for each of said loops comprising an elongated flexible coiled body enveloping said loops and in which the loops are longitudinally movable, the strands of said loops passing through the bag adjacent the upper ends thereof, and said supplemental handle members extending through the bag and forming bearings for said strands where they pass through the bag.

6. In shopping bags of the class described having reinforcing cords extending from the bottom of the bag upwardly along the sides thereof and terminating in upwardly projecting loops forming handle members, a supplemental handle member for each of said loops comprising an elongated flexible coiled body enveloping said loops and in which the loops are longitudinally movable, the strands of said loops passing through the bag adjacent the upper ends thereof, said supplemental handle members extending through the bag and forming bearings for said strands where they pass through the bag, and said supplemental handle members being formed from paper rope.

7. The combination with an elongated strand, a portion of which is looped to form a handle member, of a tubular hand grip body in the form of a coiled strand, said first named strand being contained within said body and the ends thereof projecting freely beyond the ends of said body, and said strand being movable longitudinally of said body and through the ends thereof when the handle member is in use.

8. The combination with an elongated strand, a portion of which is looped to form a handle

member, of a tubular hand grip body in the form of a coiled strand, said first named strand being contained within said body and the ends thereof projecting freely beyond the ends of said body, said strand being movable longitudinally of said body and through the ends thereof when the handle member is in use, and the strand of said tubular body being composed of paper cord.

9. The combination with a strand like handle member of the class described of a supplemental handle member in the form of an elongated spring like body arranged on and enveloping said first named handle member, with the strand of the first named handle member projecting beyond the ends of the supplemental handle member in unobstructed portions permitting free longitudinal movement of said handle members one with respect to the other.

10. The combination with a strand like handle member of the class described, of a supplemental handle member in the form of an elongated

spring like body arranged on and enveloping said first named handle member, with the strand of the first named handle member projecting beyond the ends of the supplemental handle member in unobstructed portions permitting free longitudinal movement of said handle members one with respect to the other, and said spring like body being fashioned from twisted paper strands to provide a relatively soft and yielding handle member.

11. The combination with an elongated strand, a portion of which is looped to form a handle member, of a tubular hand grip body in the form of a coiled strand, said first named strand being contained within said body and the ends thereof projecting freely beyond the ends of said body, said strand being movable longitudinally of said body and through the ends thereof when the handle member is in use, and adjacent coils of said tubular hand grip body being spaced apart longitudinally of said strand.

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