HAND PROTECTING GRIP

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This invention relates to hand protecting devices, and its general object is to provide a device in the form of a grip that is primarily designed for attachment to cord or wire handles of a so-called shopping bag or the like, to prevent the handles from cutting, chafing or otherwise injuring the hands or fingers of the user, thus making it possible to conveniently carry a heavily loaded bag with comfort for a long period of time.

A further object is to provide a hand gripping and protecting device which can be readily attached and removed with respect to bag handles, as well as ties or fastening cords of packages, boxes or other articles, but whereby casual removal of the device when the bag or article is being carried is practically impossible, the device being shaped and constructed so as to tend to prevent the same from cutting or prematurely wearing through the cords or handles of the cord type.

Another object is to provide a hand gripping and protecting device that is simple in construction, inexpensive to manufacture, and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claim.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a view of our device, partly in vertical longitudinal sectional view, and illustrates the same attached to the handle A of a shopping bag.

Figure 2 is a top plan view of the device per se.

Figure 3 is an end view thereof, with the handles in dotted lines.

Figure 4 is a sectional view taken approximately on line 4—4 of Figure 1, looking in the direction of the arrows.

Referring to the drawing in detail, it will be noted that we have illustrated our device as being attached to the handles A of a shopping bag B, but it will be understood that the device can be attached to ties, fastening cords or the like of packages, boxes or other articles, to facilitate carrying the same.

The device is made from any suitable material to provide an elongated arcuate body I that is curved longitudinally throughout its length and reduced in tapered formation from its transverse center, along the upper and lower faces 2 and 3, to the ends 4, the latter being rounded, and the sides of the body are shown as being parallel and substantially flat, but merge in rounded formation into the upper and lower faces, as clearly shown in Figure 4. The lower or under face 3 is substantially rounded transversely, so as to cooperate with the longitudinal curvature of the body, to follow the natural shape of the hand, when the device is gripped, thereby eliminating any possibility of cutting or otherwise injuring the hand, as will be apparent.

Extending longitudinally of the upper face 2 throughout the length thereof is a relatively deep groove 5 that provides a seat for receiving the handles A of the bag, as shown. The important feature of the groove is that it gradually increases in width from the transverse center of the body to the ends 4 thereof, so as to allow the handles to spread or flare outwardly from each other toward the ends of the groove, as shown in Figure 3, and as the handles are normally urged apart, especially when the bag is loaded, due to the fact that they are fixed to the opposite sides of the bag, the increasing width of the groove, together with the longitudinal curvature of the body and the rounded ends 6 of the bottom wall of the groove, tend to prevent the handles from becoming cut or prematurely worn.

The groove is of a greater depth than the diameter of the handles and of ample width to allow both handles to engage the bottom wall, as best shown in Figure 4, and the side walls of the groove are disposed at right angles to the bottom wall, thus it will be seen that casual removal of the device from the handles is practically impossible, when the bag is being carried, whether it be partially or completely filled.

The device is relatively small, so that it can be conveniently carried in the pocket or purse until it is desired to use the same, and from the foregoing, it will be obvious that the device can be instantly attached and removed with respect to the handles, as well as ties or fastening cords of packages, boxes or other articles, to bring about comfort when carrying the same.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.
What we claim is:

A hand protecting grip for bag handles and the like, comprising an elongated body curved longitudinally throughout its length, said body having rounded ends and an under face substantially curved transversely, said body having a groove along the longitudinal center of the upper face thereof to provide a seat for the handles, said groove increasing in width from the transverse center of the body to the outer ends thereof, the ends of the bottom wall of the groove being rounded, said groove being of a depth and width to wholly accommodate the diameter of the handles for the latter to engage the bottom wall, and the side walls of the groove being disposed at right angles to the bottom wall to cooperate with the depth of the groove to prevent casual removal of the device from the handles.

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