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HAND LUGGAGE HANDLE

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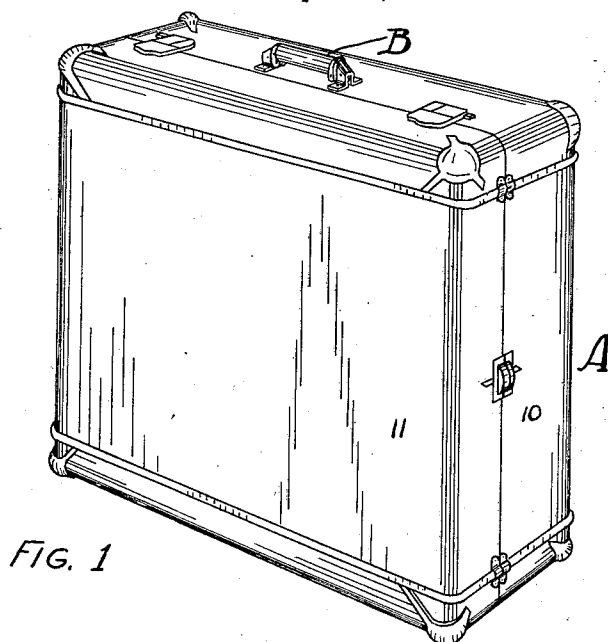


FIG. 1

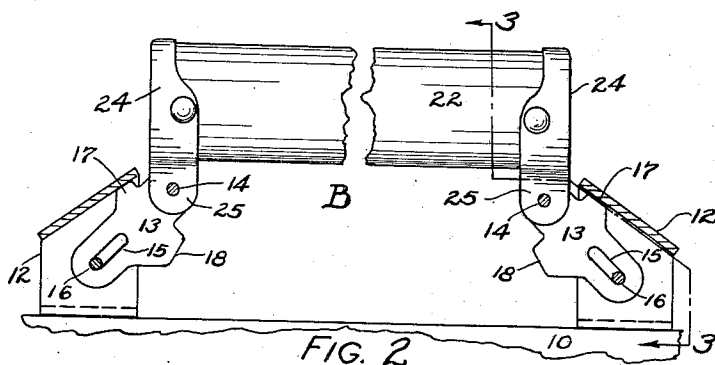


FIG. 2

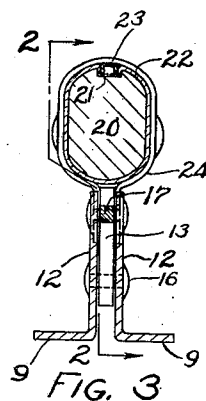


FIG. 3

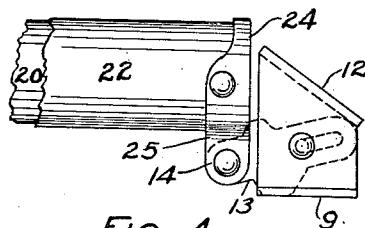


FIG. 4

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HAND LUGGAGE HANDLE

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3 Claims. (Cl. 16—115)

The present invention refers to carrying handles for use on what is generally termed hand luggage cases, the primary use of which is to carry wearing apparel such as ladies' gowns, men's clothing and the like. The case is generally of a size whereby it may be carried by one hand by gripping the handle, which is the subject matter of this application.

One of the objects of my invention is to provide a handle which has an appearance in keeping with the modern high quality luggage cases and which is decorative and very attractive.

A further object of the present invention is to provide a handle which is easily manufactured at low cost and which is strong, durable and which is provided with two normal positions. One, the inoperative position, wherein the handle, which is straight, is moved close to the case; the other being its operative position wherein the hand piece is lifted far enough from the case to provide room for a hand grip. When the hand piece is in its inoperative position, its top is very little above the adjacent part of the bracket from which point the bracket tapers downward to thereby provide a neat appearance, and a tapered approach as a protection to the brackets and handle when packed with other luggage and miscellaneous boxes.

A further object of my invention is to provide a device wherein the hand piece may be made of a convenient shape and length and may be provided with a decorative covering which is proofed against injury by the manner in which it is secured to the hand piece including metal caps which tightly embrace the ends of the covering.

Another object of my invention is to provide the device with carrying links having suitably positioned stops thereon, whereby the carrying position is fixed and the inoperating or down position is fixed by contact with the case at an obscure point within the carrying bracket.

To these and other useful ends my invention consists of parts, combinations of parts or their equivalents and mode of operation as hereinafter set forth and described and claimed in the accompanying drawing in which:

Fig. 1 is a perspective view of a hand luggage case equipped with my invention, showing the handle in its down or inoperative position.

Fig. 2 is a fractional side elevation of the carrying device wherein the hand piece is shown in its operating or raised position and showing the brackets secured to a fraction of the case,

the near side of the brackets being cut-away on lines 2—2 of Figure 3.

Fig. 3 is an end view of my device as shown in Figure 2 taken on lines 3—3 of Figure 2.

Fig. 4 is a fractional side view illustrating the position of the handle and links when in their lowest position.

As thus illustrated, the case in Figure 1 is designated in its entirety by reference character A, having a bottom section 10 and a top section 11 which is hingedly secured to section 10 in a manner too well known to require further description.

My improved handle as illustrated is designated in its entirety by reference character B and comprises brackets 12—12, formed as shown, preferably from thin metal stock, each having outwardly extending feet 9—9 which are riveted or otherwise secured to member 10. Brackets 12 are U-shaped as shown in Figure 3 and adapted to loosely embrace links 13—13. These links have at one end an orifice for the free reception of rivets 14—14 and being provided at the other end with slots 15—15 through which rivets 16 extend.

Thus it will be seen that links 13 are free at their inner ends to raise and lower, rivets 14 being permitted to move in a vertical line because of slots 15 which are positioned to thereby hold the links in the position shown in Figures 2 30 and 4 when the handle is lifted. Stops 17 act to limit this movement when rivet 16 rests in the outer end of slot 15. When the handle is moved down to its inoperative position as shown in Figure 4, the links will be moved outwardly as indicated by dotted lines and stops 18 will then rest on the surface of member 10 at a point between feet 9; thus if a mark is made on the covering of member 10 it will be out of sight.

I provide a novel hand piece as follows: A base piece 20 is made preferably from wood and of a suitable shape and length and is provided preferably with a groove 21 and a decorative covering 22 which may be either leather or fabric material. The covering is stretched around the handle and folded into groove 21 as illustrated in Figure 3. A narrow strip 23 is then forced into the groove to thereby stretch the covering taut and permanently secure the edges into the groove.

I provide end caps 24—24 which are preferably formed from a single piece of flat metal and forced over the ends of the hand piece and its covering and secured preferably by rivets, as illustrated in Figure 2, to thereby securely fasten the cap and hold the covering to member 20 and

form strong and rigid pieces to which links 13 are pivotally secured by means of depending ears 25-25. Ears 25 are suitably spaced apart to thereby closely but freely embrace links 13 to which they are pivotally mounted by means of rivets 14.

I preferably nickel or vanadium plate members 12, 13, 23 and 24, thus to contrastingly set apart these parts from the handle and case covering. Thus it will be seen that the handle as formed may be raised or lowered to the positions shown. That it is definitely stopped in either of the two positions and that when in either position, particularly the down position, the shape of brackets 12 is such as will present a pleasing appearance. In this connection, it will be noted in Figure 4 that the upper edges of caps 24 are very little above the top of members 12. Thus the hand piece is protected and the device presents a pleasing appearance because its end brackets taper outwardly and downwardly.

Clearly my device is strong and since the handle is metal clad at its ends, the covering and its fastening strip will be firmly held into position and protected against injury, as compared to the conventional hand luggage handle wherein the entire hand piece is U-shaped and completely covered by leather or fabric, which at best, is not satisfactory, largely because it is difficult to smoothly and tightly fold the covering over such an irregular shape and glue it in a smooth permanent manner, and further, the small ends are left weak and easily injured or the holding rivet is pulled through the small end of the handle rendering the handle and frequently the case worthless.

Having thus shown and described my invention I claim:

1. A carrying device of the class described, comprising two spaced brackets being secured to the member to be carried, a rigid hand grip adapted to loosely fill the space between said brackets and having links pivotally secured at one end to opposite ends of said hand grip, the other ends of said links having slots and being pivotally and

slidably secured to said brackets by means of pins which are loosely embraced by said slots, whereby said hand grip may be raised and lowered to operating and inoperating positions, projections on the upper and lower edges of said links adapted to act as stops for the operative and inoperative positions of said hand grip.

2. A carrying device of the class described, comprising two spaced brackets being secured to the member to be carried, a rigid hand grip adapted to loosely fill the space between said brackets and having links pivotally secured at one end to opposite ends of said hand grip, the other ends of said links having slots and being pivotally and slidably secured to said brackets by means of pins which are loosely embraced by said slots, whereby said hand grip may be raised and lowered to operating and inoperating positions, said hand grip comprising a bar having secured over each end thereof a metal shroud having spaced depending ears adapted to loosely embrace the inner ends of said links, said brackets adapted to form vertical slots which loosely embrace the sides of said links, said links having projections on opposite sides thereof and being positioned to thereby act as limit stops within said vertical slots.

3. A carrying device of the class described, comprising two spaced brackets being secured to the member to be carried, a rigid hand grip adapted to loosely fill the space between said brackets and having links pivotally secured at one end to opposite ends of said hand grip, the other ends of said links having slots and being pivotally and slidably secured to said brackets by means of pins which are loosely embraced by said slots whereby said hand grip may be raised and lowered to operating and inoperating positions, said brackets adapted to form vertical slots which loosely embrace the sides of said links and having means cooperating with said links and pins to lock said handle against movement when held in an operating position.

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