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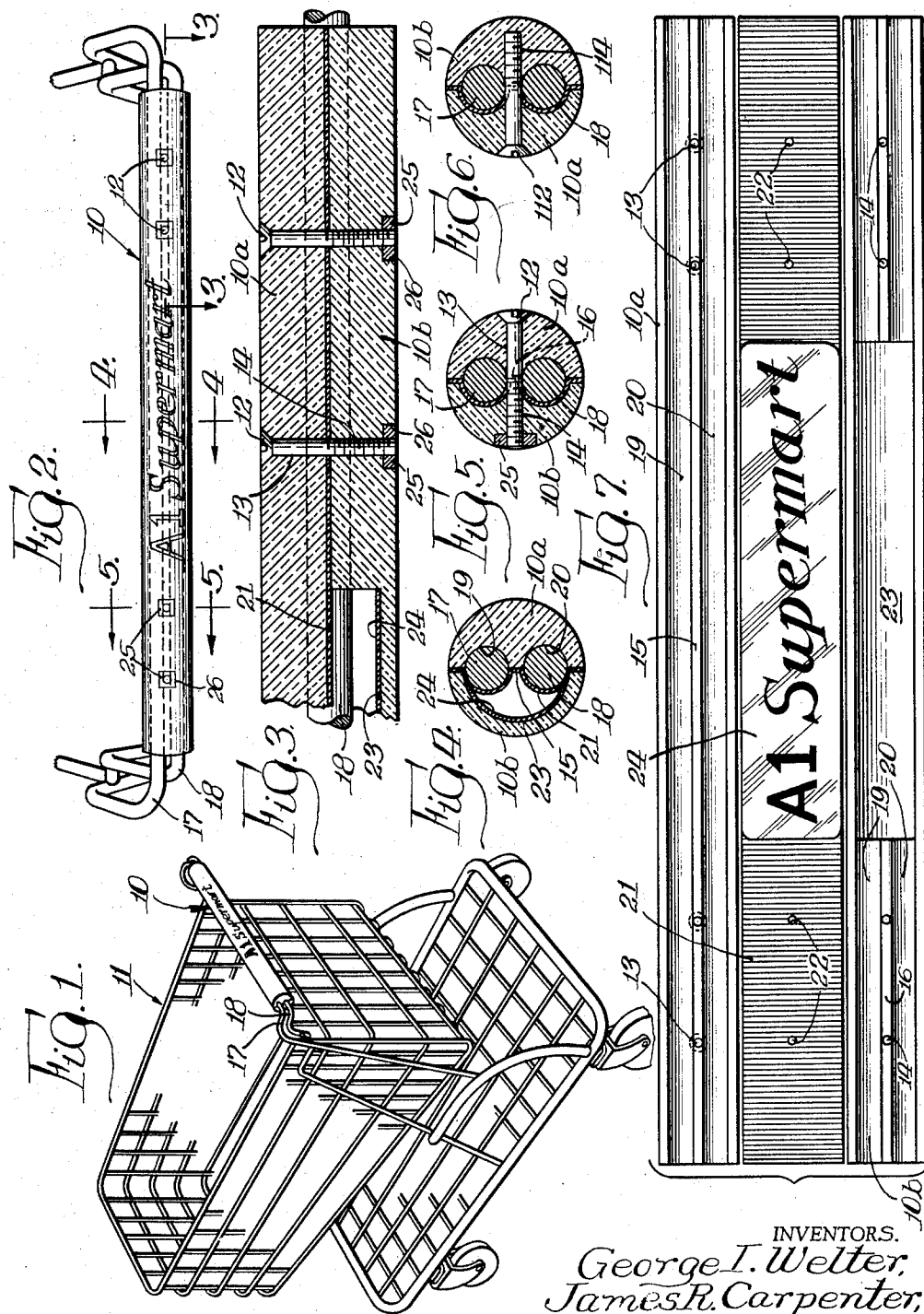
G. I. WELTER ET AL

2,918,741

HANDLE COVER

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2 Sheets-Sheet 1



INVENTORS.

George I. Welter,
James R. Carpenter,

By *Schroeder, Hoffman, Brady & Wagner*
Attorneys.

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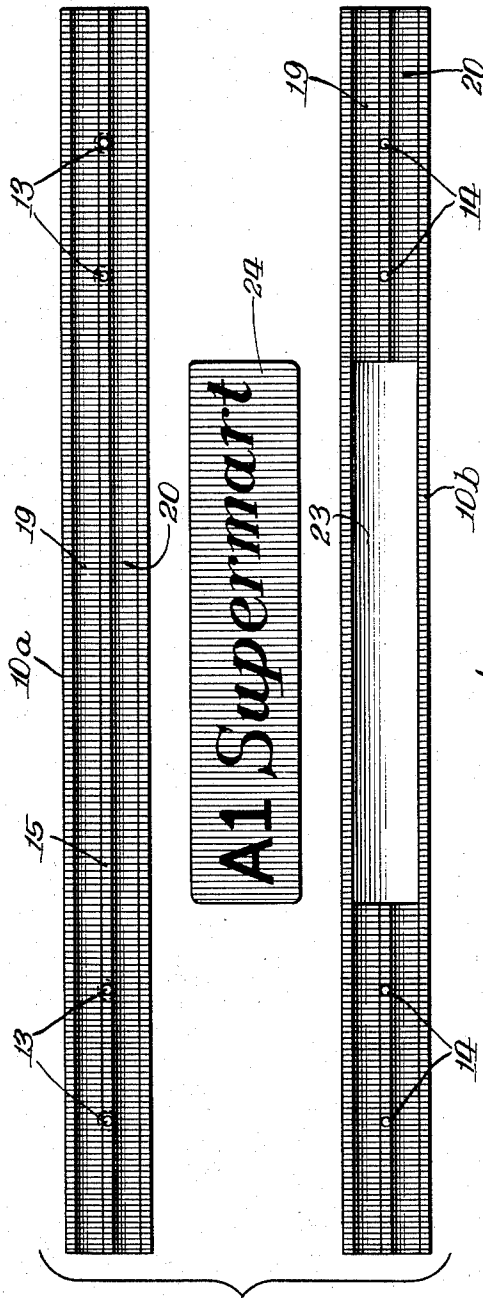
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HANDLE COVER

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2 Sheets-Sheet 2



INVENTORS.
George I. Welter,
James R. Carpenter,
By *Schneider, Hofgren, Brady & Wegman*
Attorneys.

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2,918,741

HANDLE COVER

George I. Welter, Chicago, Ill., and James R. Carpenter, Jackson, Mich., assignors to Tote-Cart Company, a partnership

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5 Claims. (Cl. 40—10)

This invention relates to handles and the like, and more particularly to handles which are adapted to be used on grocery carts and the like.

Grocery carts and the like, are today widely used in large retail marketing outlets such as supermarkets by patrons collecting the goods they wish to purchase. Naturally, such carts must be provided with a portion or handle which the patron may grasp in propelling the cart about the store. These handles are generally comprised of two wires which are uncomfortable on the hands. One object of the invention is to provide a handle that does not cause discomfort.

It is also desirable in grocery carts and the like, to provide an indication of the ownership of the cart, such as a sign which will give the name of the store or by a colored handle, the color identifying the store. This is most desirable in areas where the carts may be used by the patrons to transport their groceries to their homes. In such instances, it is common practice for the stores to later pick up carts which may be merely left on the front lawns of the patrons' homes. A luminous color may be used if there are night pick-ups.

The handle of this invention provides a transparent handle having a colored material on the interior of the handle to give the handle a colored effect. Of course, no amount of wear will affect the color of such a handle. Moreover, a sign or other advertising display may also be positioned within the handle to indicate the origin of the cart.

It is therefore, an object of this invention to provide a handle which may be used on grocery carts and the like, and which comprises a transparent body and a colored material positioned in the body and arranged to give the body a colored effect.

It is a further object of this invention to provide such a handle with an advertising display or the like, positioned therein so as to be visible from the exterior of the handle.

Other objects and advantages will be apparent from the following description and the accompanying drawings. Of the drawings:

Figure 1 is a perspective view showing the handle of this invention installed on a grocery cart;

Figure 2 is a front elevational view of the handle of this invention;

Figure 3 is an enlarged horizontal sectional view taken substantially along the line 3—3 of Figure 2;

Figure 4 is an enlarged vertical sectional view taken substantially along the line 4—4 of Figure 2;

Figure 5 is an enlarged vertical sectional view taken substantially along the line 5—5 of Figure 2;

Figure 6 is an enlarged vertical sectional view similar to Figure 5 but showing another embodiment of the means for attaching the handle to the grocery cart;

Figure 7 is an enlarged exploded view of the handle of this invention; and

Figure 8 is an enlarged exploded view of another embodiment of the handle of this invention.

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The handle 10 of this invention which may be used on grocery cart 11 and the like, is made of a transparent plastic material. The handle 10 is an elongated cylinder which has been divided longitudinally into two halves 10a and 10b. The halves are arranged to be held together to form a complete cylinder by means of screws 12. The screws 12 pass through holes 13 drilled in the rear half 10a, through holes 14 which are drilled in the front half 10b, and are received by nuts 25 seated in rectangular cut out portions 26. The holes 13 and 14 are positioned so as to pass through ridges 15 and 16.

As shown in Figures 1 and 2, the grocery cart herein described is constructed so that two wires 17 and 18 pass about the outer upper portion of the cart to provide a handle attaching structure. The handle 10 of this invention is designed to surround these wires 17 and 18, and is thus provided with channels 19 and 20 in the interior portion thereof which are designed to receive the wires 17 and 18. The channels 19 and 20 are separated by the ridges 15 and 16 already described.

In order to provide color for the handle 10, in one embodiment of the invention a colored paper 21 (shown here as red in Figure 7) or the like, is positioned between the halves 10a and 10b. Holes 22 are provided in the colored paper 21 to allow the passage of the screws 12. This colored paper 21 is cut to substantially the exact width of the diameter of the cross-sectional circle of the handle and thus when the paper is in position within the handle, will give the appearance of an over-all color to the handle. The paper may be reflective in nature or phosphorescent so that when light is cast on the handle at night, it will glow and indicate the location of the grocery cart.

In another embodiment of the invention, color may be provided as shown in Figure 8 by painting substantially the entire interior of the handle 10. Only the hollowed out portion 23, which will be described next, is left in an unpainted condition. The paint may be any of the common opaque oil paints, and may also be of a luminous or light reflective type. Since this paint is almost impossible to remove, it provides another advantage to this embodiment. Thus, the handle and therefore the cart may always be identified by the color of the handle even though the sign be removed.

The handle half 10b is provided with a hollowed out portion 23. This portion is curved as shown in Figure 4 and is designed to provide a certain amount of magnification. A sign or advertising display 24 is positioned so as to be beneath this hollowed out portion. The sign 24 may be either a decalcomania which may be attached to the surface of the hollowed out portion 23 in a customary manner or a thin plastic sheet which is held in place between the sections 10a and 10b. If the first embodiment for providing color is used, namely, the colored paper 21, the sign 24 may be transparent except for the area of the sign itself. However, when the second embodiment of providing color is used, namely, that of painting the interior of the handle, the sign 24 will be opaque and completely colored itself. Thus, when the handle is assembled and in place, the sign 24 will be readily apparent and furthermore, will be slightly magnified due to the magnification of the hollowed out portion 23.

In assembling the handle of this invention, it is only necessary to position the half 10a of the handle on the under side of the wires 17 and 18 with those wires resting in the channels 19 and 20. When colored paper 21 is used, it is then placed on top of the wires 17 and 18. The sign 24 is then applied to the interior of the hollowed out portion 23. The half 10b of the handle is then placed in position on top of the half 10a. The screws 12 are then inserted through the holes 13 in the half 10a, through the holes 22, in the paper 21, when it is

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used, and are threadedly received by the nuts 25, thus tightly positioning the handle. Assembly of the handle will be substantially the same when the interior of the halves is painted, except that there will be no colored paper 21 used.

Figure 6 shows a second embodiment of the attaching means of this invention wherein a screw 112 is threadedly received by a partial hole 114 provided in the half 10b. In using this second embodiment, it is only necessary to insert the screw 112 through the half 10a, to seat it in the threaded portion provided in the half 10b, again tightly positioning the handle.

Having thus described our invention as related to the embodiments shown in the accompanying drawings, it is our intention that the invention be not limited by any of the details of description unless otherwise specified, but rather be construed broadly within its spirit and scope as set out in the accompanying claims.

We claim:

1. A handle cover for use on grocery carts and the like, comprising: an elongated cylindrical transparent body, said body having been divided longitudinally into two sections, the interior surface of said sections having been colored by an opaque paint to give substantially the entire body a colored effect, one of said sections having an unpainted hollowed out portion; means for simultaneously holding said sections together and for attaching said body to said cart; and an advertising display or the like positioned in said hollowed portion so as to be magnified and visible from the exterior of said body.

2. A cover for a grocery cart handle comprising: an elongated cylindrical transparent body having a bore adapted to receive the handle, the interior of the body having been colored by an opaque paint to give substantially the entire body a colored effect and having an unpainted hollowed out portion, means for attaching said cover to said handle, and an advertising display or the like positioned in said hollowed out portion so as to be visible from the exterior of the body.

3. A cover for a grocery cart handle comprising: an elongated cylindrical transparent body having a bore adapted to receive the handle, a colored material between

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said bore and said handle whereby to give substantially the entire body a colored effect, said bore having a hollowed out portion, means for attaching said cover to said handle, and an advertising display or the like positioned in said hollowed out portion so as to be visible from the exterior of the body.

4. A cover for a grocery cart handle comprising: an elongated cylindrical transparent body having a bore adapted to receive the handle, a colored material between said bore and said handle whereby to give substantially the entire body a colored effect, means for attaching said cover to said handle, and an advertising display or the like positioned between said bore and said colored material so as to be visible from the exterior of said body.

5. A cover for a grocery cart handle comprising: an elongated cylindrical plastic body having a bore adapted to receive the handle, the body having a transparent hollowed out portion and the remainder of said body having a colored effect applied thereto, means for attaching said cover to said handle, and an advertising display or the like positioned in said hollowed out portion so as to be visible from the exterior of the body.

References Cited in the file of this patent

UNITED STATES PATENTS

273,685	Huntley	Mar. 6, 1883
567,134	Harris	Sept. 8, 1896
1,071,226	Goodsell et al.	Aug. 26, 1913
1,590,039	Shuman	July 1, 1924
1,568,954	Boedtcher	Jan. 12, 1926
2,102,839	Dohrman	Dec. 21, 1937
2,214,030	Pereles	Sept. 10, 1940
2,235,791	Wohlers	Mar. 18, 1941
2,361,670	Whitehead	Oct. 31, 1944
2,522,812	Bonnet	Sept. 19, 1950
2,537,116	Aimes	Jan. 9, 1951
2,733,526	Blay	Feb. 7, 1956
2,864,189	Campbell	Dec. 16, 1958

FOREIGN PATENTS

1,137,058	France	Jan. 7, 1957
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