

May 27, 1924.

1,495,950

S. CHAKOV

HANDLE

Filed March 20, 1922

2 Sheets-Sheet 1

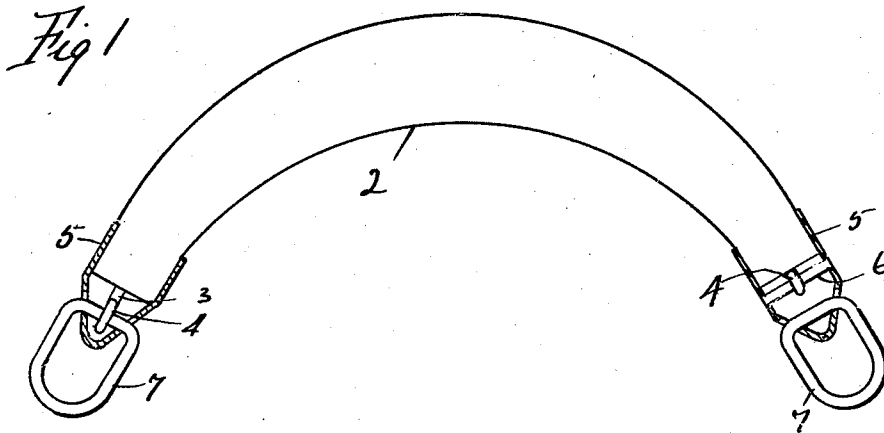
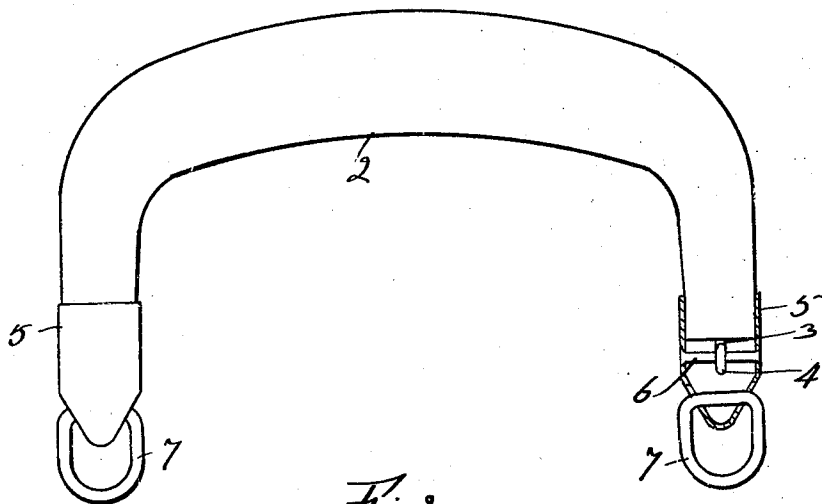


Fig. 2.

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Sievel Chakov

By *W. W. Williamson* Atty.

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2 Sheets-Sheet 2

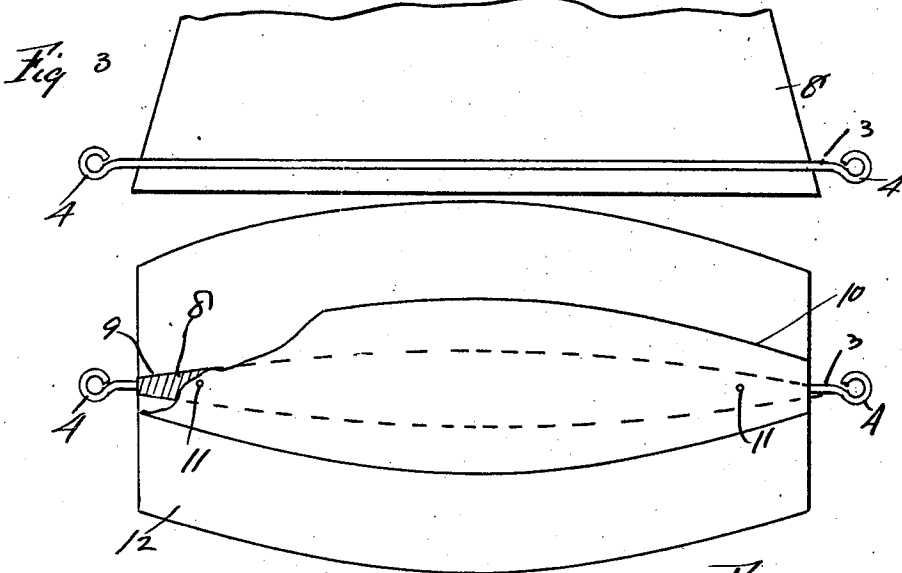
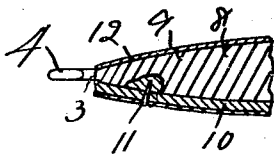


Fig 5

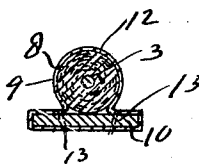


Fig 6

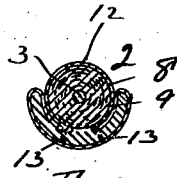


Fig 7



Fig. 10.

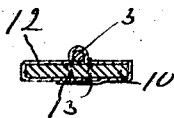


Fig. 8.



Fig. 9

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UNITED STATES PATENT OFFICE.

SIEVEL CHAKOV, OF PHILADELPHIA, PENNSYLVANIA.

HANDLE.

Application filed March 20, 1922. Serial No. 545,010.

To all whom it may concern:

Be it known that I, SIEVEL CHAKOV, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in a Handle, of which the following is a specification.

My invention relates to new and useful improvements in a handle, such as is used on traveling bags, suit cases or similar containers, and has for its object to provide a ring holding cap at each end of the handle which is connected with the stiffening wire of the handle through the medium of the ring or the equivalent thereof such as a rivet.

Another object of the invention is to provide in combination a handle consisting of a hand hold portion with a stiffening wire embedded therein; the ends of the latter having loops or eyes formed therewith, a cap at each end of the hand hold portion and rings passing through the caps and the eyes of the stiffening wire.

A further object of the invention is to provide in combination a handle consisting of a hand hold portion with a stiffening wire embedded therein, the ends of the latter having loops or eyes formed therewith, a cap at each end of the hand hold portion, rivets passing through the walls of the caps and the eyes of the stiffening wires and rings attached to the said caps.

A still further object of the invention is to provide a new and improved construction of the hand hold portion whereby the amount of material used in the covering is reduced approximately fifty per cent over present day methods of manufacture.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains, may understand how to make and use the same, I will describe its construction in detail, referring by numerals to the accompanying drawings forming a part of this application, in which:—

Fig. 1, is a side elevation of a handle embodying my invention, the cap being shown in section and one means of connecting the cap with the stiffening wire being shown at

one end and a different manner of connecting the two shown at the other end.

Fig. 2, is a similar view of a different formation of hand hold with one of the caps shown in section.

Fig. 3, is a side elevation of the stiffening wire showing its relation to the filler about to be wrapped thereon, a portion of said filler being broken away.

Fig. 4, is a plan view of the stiffening wire with the filler wrapped thereon and the cardboard shaper attached thereto, the said parts lying upon the cover prior to the latter being folded and stitched.

Fig. 5, is a fragmentary longitudinal sectional view of one end of these parts after the cover has been folded but prior to being stitched.

Fig. 6, is a transverse sectional view illustrating the next step in the process of manufacture or after the stitching has been completed.

Fig. 7, is a similar view of the completed hand hold portion.

Fig. 8, is a transverse sectional view of a different formation of handle prior to being pressed into shape.

Fig. 9, is a similar view of the hand hold portion of the handle formed up from the parts shown in Fig. 8.

Fig. 10, is a transverse sectional view of a still different formation of hand hold portion.

In carrying out my invention as here embodied, 2 represents the hand hold portion of a handle constructed in accordance with my invention and may be of any desirable size or shape, two different styles of which are shown in Figs. 1 and 2 for convenience of illustration.

Within the hand hold portion is embedded a stiffening wire 3 which follows the general contour of the hand hold portion with the ends of said stiffening wire projecting beyond the ends of the hand hold portion, as plainly shown, and each of these projecting ends has an eye or loop 4 formed therefrom.

On the ends of the hand hold portions are placed the caps 5 which enclose the projecting ends of the stiffening wire as well as the ends of the hand hold portion. In order to fasten the caps to the stiffening wire so as to provide a rigid construction a rivet 6, as shown at the right hand side of

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Fig. 1 and in Fig. 2, is passed through the walls of a cap and the eye 4 of the stiffening wire or as shown at the left hand side of Fig. 1, in lieu of said rivet the ring 7 may be passed through the walls of the cap and an eye of the stiffening wire. The rings 7 are used for attaching the handle to the suit case, traveling bag or other object and one of these is used on the cap when the rivet is used but in such case the ring has no connection with the stiffening wire.

A handle constructed in this manner prevents or reduces the possibility of the parts being separated and since the caps cover the ends of the hand hold portion it is practically impossible for the ends of the cover to become frayed or torn.

In forming the hand hold portion I first tightly wrap a triangular shaped sheet of paper or other suitable material 8 about the stiffening wire 3 so as to produce the filler 9, shown in Fig. 4, which is therefore thicker at its central portion and gradually tapers toward each end. To this filler is then attached a shaper 10 of stiff cardboard or the like by means of the tacks 11 or equivalent fastening devices. These parts are then laid upon the cover 12 of leather or other suitable material with the filler and its embedded stiffening wire interposed between the shaper 10 and the cover 12. The cover is then folded about or over the filler 9 and the shaper 10 with the edges of said cover overlapping and the tacks 11 are next removed, one at a time, and then replaced so that they pass through the overlapping edges of the cover, the shaper and into the filler, as shown in Fig. 5. The cover being shaped about the filler and shaper, as shown in Fig. 6, is next stitched to the shaper close into the filler, as shown in Fig. 6, said stitches being represented by the numeral 13. The cover preferably had an adhesive applied to the inner surface thereof prior to being folded about the filler and shaper and the parts being wet the side edges of the shaper are pressed or bent up so as to conform to the contour of the filler thereby completing the hand hold portion, as shown in Fig. 7, and after being thus bent in shape it is maintained in this position until the parts are thoroughly dried causing said hand hold portion to retain its shape.

In Figs. 8 and 9, I have shown a modified form of the hand hold portion wherein the filler is dispensed with and in this construction the stiffening wire is placed upon the shaper 10 and the cover 12 folded about said shaper and the stiffening wire and then stitched to the shaper as indicated at 13 close up to the stiffening wire, then by bending up the shaper around the stiffening wire, as

shown in Fig. 9, a hand hold portion of slightly different shape is produced.

The formation shown in Fig. 10 consists of the stiffening wire 3 with the filler 9 thereon and the cover 12 folded about the filler with the meeting edges of said cover stitched together, as at 14, after which the cover and filler are flattened across one diameter so as to give an elliptical or other cross sectional shape to the hand hold portion. This formation eliminates the shaper.

By constructing the hand hold portion in any one of the above mentioned forms the material used and the amount of labor necessary in forming them is greatly reduced over present day methods.

Of course I do not wish to be limited to the exact details of construction as herein shown as these may be varied within the limits of the appended claims without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is:—

1. In a device of the character stated, a stiffening wire having a loop at each end, a shaper on which the stiffening wire is laid, a cover wrapped about the stiffening wire and shaper and stitched to said shaper close up to the stiffening wire, said shaper being bent about the stiffening wire to produce a hand hold portion, caps enclosing the eyes of the stiffening wire and the ends of the hand hold portion and means for securing said caps to said eyes of said stiffening wire.

2. In a device of the character stated, a stiffening wire, a filler surrounding said wire formed from a triangular shaped sheet of material wound thereon, a shaper of stiff flexible material, said shaper being disposed lengthwise of the filler and in contact with a portion thereof, a cover disposed about the filler and shaper and closely fitting them and stitching passing through the shaper and portions of the cover on opposite faces of said shaper and close to the filler, the free edges of said shaper being bent up to conform with the contour of the filler.

3. In a device of the character stated, a stiffening wire, a filler surrounding said wire, a shaper disposed about a portion of the filler and corresponding to the contour thereof, and a cover partially surrounding the filler and partially surrounding the shaper with portions thereof folded upon themselves between the filler and shaper and stitching passing through the shaper and the cover in the region of the creases formed by the folded parts of said cover to secure the latter to the shaper.

In testimony whereof, I have hereunto affixed my signature.

SIEVEL CHAKOV.