

S. L. HARRELL.
 Package-Strap Handle.

No. 164,994.

Patented June 29, 1875.

Fig. 1

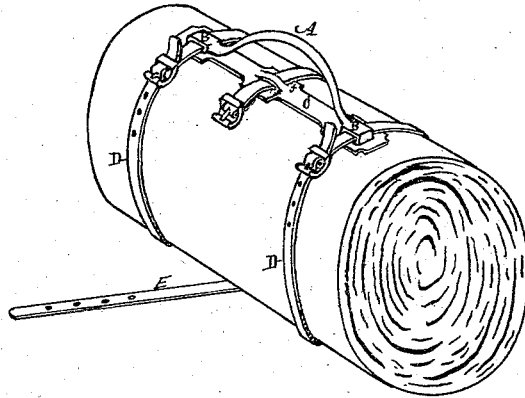


Fig. 2

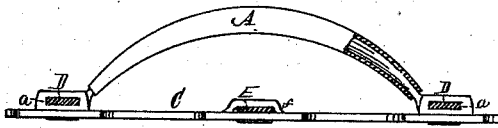


Fig. 3

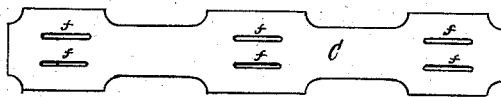
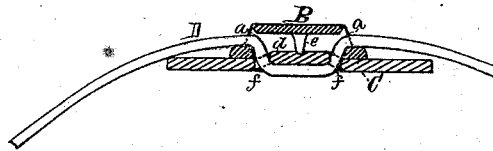


Fig. 4



Witnesses:
Julius Wilcke
N. H. Sherburne,

Inventor:
Simon S. Harrell,
per Sherburne, & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

SIMEON L. HARRELL, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO THEODORE H. BRYANT, OF SAME PLACE.

IMPROVEMENT IN PACKAGE STRAP-HANDLES.

Specification forming part of Letters Patent No. 164,994, dated June 29, 1875; application filed March 25, 1875.

To all whom it may concern:

Be it known that I, SIMEON L. HARRELL, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Package Strap-Handles; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a perspective view of a package strap-handle embodying my invention. Fig. 2 is an enlarged vertical longitudinal section of the same. Fig. 3 is a plan of the same taken on the line *x x* drawn through Fig. 2; and Fig. 4 is an enlarged transverse section, taken on the line *y y* drawn across Fig. 2.

Similar letters of reference indicate like parts in the several figures of the drawing.

My invention relates to that class of strap-handles used in carrying small packages, such as shawls, overcoats, and other similar articles; and the improvement consists in a rigid metal bar curved to form the handle, and provided at each end with a longitudinal mortise, through which the end straps pass in such a manner as to connect the flexible bar holding the center strap to the handle, the upper wall of each mortise having a depending pivot adapted to take into, or bear upon, the flexible bar, whereby the latter together with the straps are firmly secured in adjustment.

In the drawing, A represents the handle proper, which is made of any suitable cast or wrought metal, and in the form shown. Each end of the handle is enlarged laterally, as shown at B, and is so constructed as to form a horizontal mortise, *a*, passing transversely through the same. The central portion of the lower wall of each mortise *a* is so cut away as to form a vertical opening, *d*, the width of which is equal to the gross width of mortise *a*, as shown in Fig. 4. Permanently attached to the center of the upper wall of each mortise, or made as a part of the same,

is a depending pivot, *e*, extending downward to a point near the plane of the upper surface of the lower wall of the mortise. C is a flexible bar, the gross length of which is slightly greater than the gross length of the handle. This bar is made of leather, or other suitable material, and is provided in the center and at each end with elongated mortises *f f*, the end mortises arranged to be immediately under openings *d* of the handle when the latter is attached to the frame. D D and E are the straps, which are made in the usual manner, and of the requisite size to pass tightly through mortises *f f* of the bar.

To connect the separate parts together, strap E is first passed through the center mortises *f f* of bar C, and properly adjusted. The bar is then adjusted to the handle, bringing the end mortises *f f* immediately under openings *d d*, and each end strap D passed through the side of mortise *a* downward through opening *d* and mortises *f f*, thence upward through the opening and out at the opposite side of mortise *a*, as shown in Fig. 4. The straps are then adjusted to the proper position when they are drawn tightly, causing pivot *e* to take into the bar, firmly connecting the several parts together.

It is obvious that the advantages of my invention over those handles now in use are several.

First, it is stronger and more durable. Secondly, the straps are held firmly at the proper distance one from the other when secured around the package, preventing them from being displaced. And lastly, the straps are firmly secured within the mortises, thus preventing them from being displaced in the handle while being secured around the package.

I usually make the handles proper of white metal, which is susceptible of being highly polished; but I sometimes make them of malleable iron, and cover the curved portion with leather, as shown in Fig. 2.

Having thus described my invention, I claim—

The package strap-handle, herein described,

consisting of the curved rigid bar A, enlarged laterally, and mortised at its ends, and provided with depending pivots *e e*, adapted to take into, or bear upon, the flexible and slotted bar C, in combination with said bar and straps D D and E, all constructed and arranged substantially as specified.

The above specification of my invention signed by me this 20th day of March, 1875.

SIMEON L. HARRELL.

Witnesses:

T. T. LOOMIS,
JNO. D. PATTEN.