G. WILLRINGHAUS.

Handle for Traveling-Bags.

No. 203,516. Patented May 7, 1878.

Fig. 1.

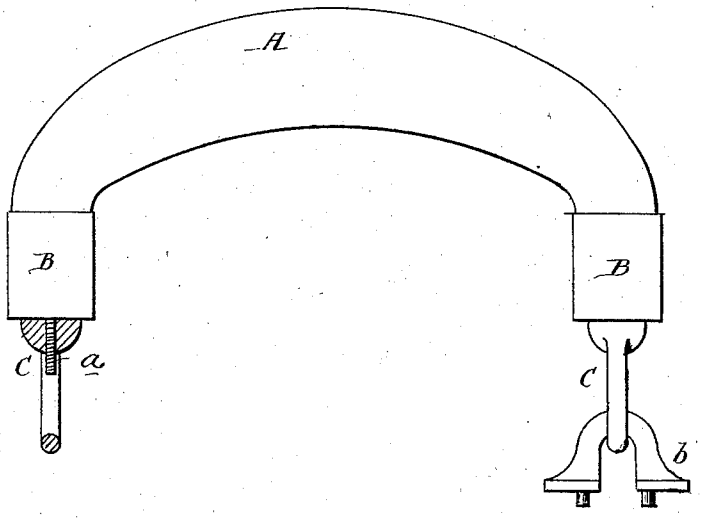


Fig. 2.

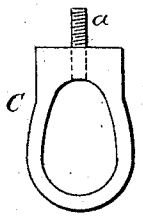


Fig. 3.

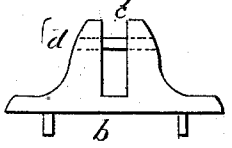
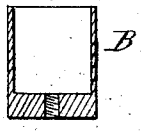


Fig. 4



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UNITED STATES PATENT OFFICE.

GUSTAV WILLRINGHAUS, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN HANDLES FOR TRAVELING-BAGS.

Specification forming part of Letters Patent No. **203,516**, dated May 7, 1878; application filed February 9, 1878.

To all whom it may concern:

Be it known that I, GUSTAV WILLRINGHAUS, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Handles for Traveling-Bags; and I do hereby declare that the following is 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 drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in the construction and application of handles to traveling-bags, the nature and character of which is hereinafter described, and is illustrated in the accompanying drawings, in which—

Figure 1 represents an elevation of a traveling-bag handle with my improvements attached; and Figs. 2, 3, and 4 are detail views of the attachments.

Similar letters of reference indicate corresponding parts in each of the several figures.

The handle A is made in the ordinary form, having a stout wire or rod passing entirely through it, which is provided with a ferrule, B, at each end, allowing the wire to pass through said ferrules, the projecting ends *a* of the wire or rod being threaded, in order to receive the eyes C, the butts of which are tapped and threaded to accommodate the threaded ends of the wire, as reference to the drawing will show.

Ears *b* are provided, of a form substantially as indicated in Fig. 1, which are first adjusted to the eyes C, and then secured firmly, either by rivets or screws, to the frame of the traveling-bag or valise, as indicated in the same figure.

I do not limit myself, however, to the shape and construction of the ear above described, as it may be in the form shown in Fig. 3, having a solid base, and secured to the frame in the same manner as above stated, and provided with a groove, *c*, to receive the eye, which is held by means of a pin or screw, *d*. This style of ear, perhaps, would be preferred in some instances, as, in the event of any derangement of the attachments of the handle, it is readily disconnected by removing the pin or screw from the ear, thus affording a very easy and accessible way of repairing the same.

I also show another method of securing the eyes to the handle by ferrules with a solid bottom, sufficiently thick to admit of being tapped and threaded, and the eyes provided with a threaded stem, *a*, as shown in Fig. 2, which stem is screwed into the ferrules, making a strong and durable handle, in the event of using which the ferrules must be riveted, or otherwise secured to the handle, as will be obvious; or the ferrule and eye, if preferred, may form one solid casting.

It will be seen that the screw *a* connects the handle and eye C, so that the latter can turn, but that the ears *b* prevent anything but a limited movement of the eyes, so that as long as the ears are in place the eyes cannot become detached from the handle unless the screw should break.

I am aware that the ferrules and attachment have been secured to the threaded rod passing through the handle by means of nuts; but in all such cases the nut is liable to become loose, and the handle then depends only on the weak and insecure attachments of the ferrule.

I claim—

The combination, with the handle and with the ears *b*, constructed substantially as described, of eyes C, provided with male or female screws, adapted to connect them to the handle, all as specified.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

GUSTAV WILLRINGHAUS.

Witnesses:

OLIVER DRAKE,

P. J. INSLEE.