

J. H. H. Buell.

Trace Buckle.

N^o 94,070.

Patented Aug. 24, 1869.

Fig. 1

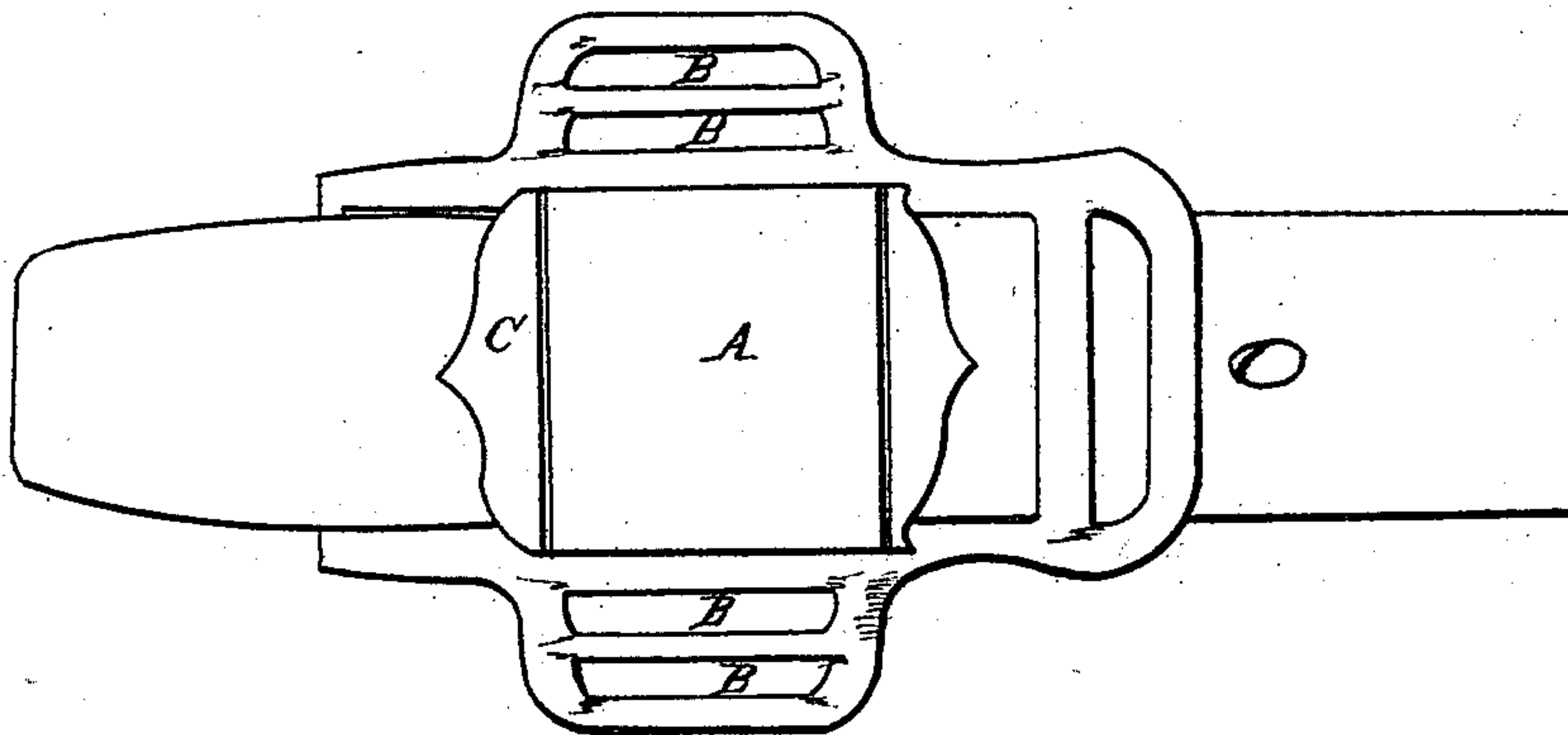


Fig. 2.

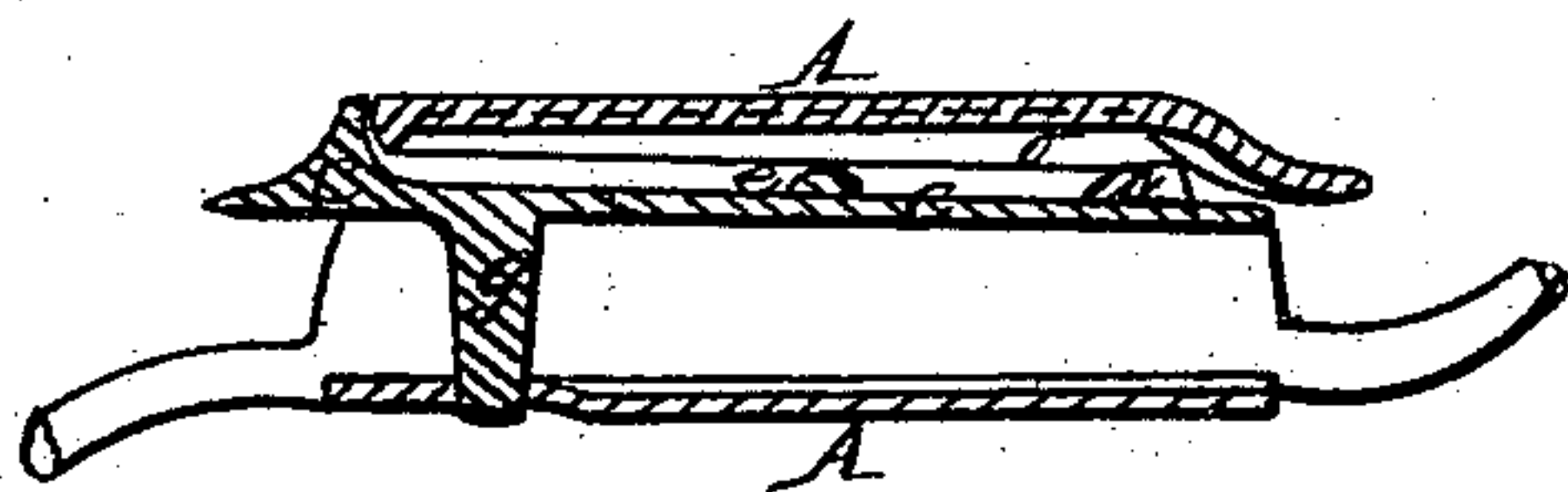
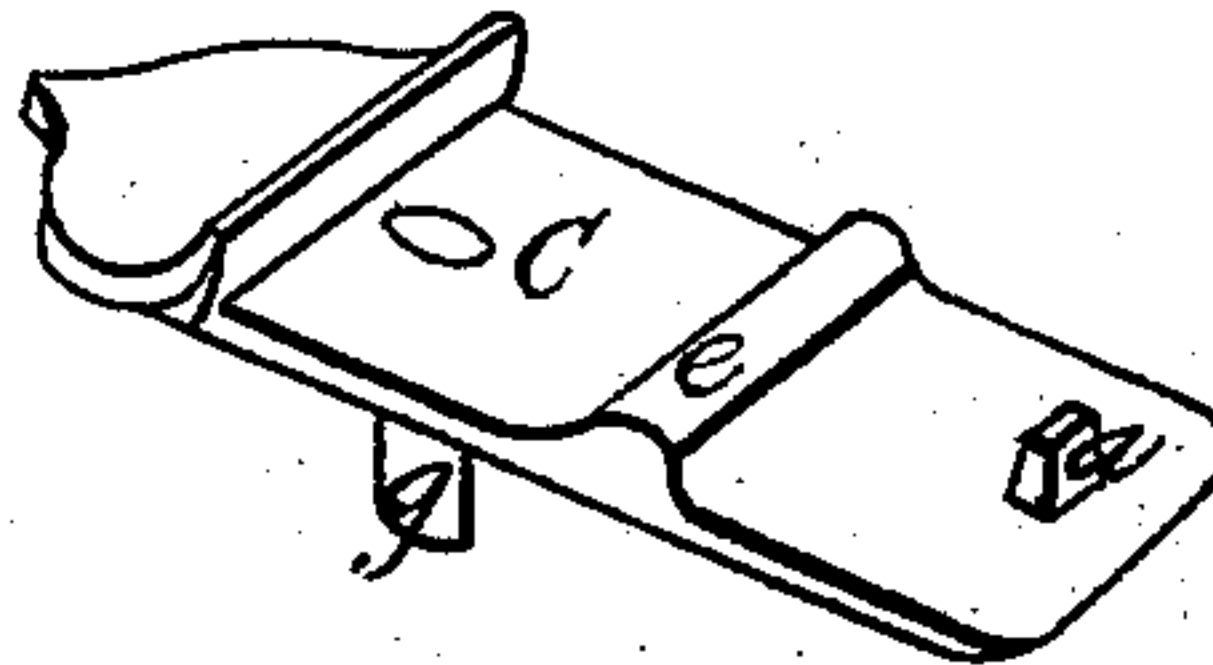


Fig. 3.



Witnesses.

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*per
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J. H. H. BUELL, OF ORISKANY, NEW YORK.

Letters Patent No. 94,070, dated August 24, 1869.

IMPROVED TRACE-BUCKLE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. H. H. BUELL, of Oriskany, in the county of Oneida, and in the State of New York, have invented certain new and useful Improvements in Trace-Buckles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a trace-buckle, and in the arrangement of the devices hereafter set forth and described.

Figure 1 is a plan view of my invention.

Figure 2 is a section view of the same.

Figure 3 is a perspective of the wedge.

Letter A represents the box or frame of the buckle, which is constructed of malleable iron, or any suitable material, the ends of which project to some distance beyond the box, and are curved in opposite directions.

Upon each side of the frame there are two loops B, formed, one for the thill-strap, and the other for belly-band.

Heretofore it has been customary to have but a single one of these loops, in which both of the straps are fastened at the same time, frequently causing considerable inconvenience.

By having a separate loop for each strap, they can be fastened much more readily and easily, and without the trouble of having to loosen both in order to unbuckle one.

After the trace has been passed through the box A, the wedge C is placed upon its top, inside of the box, so as to secure it in place.

This wedge consists of an elongated flat plate, having a projection extending across its front end, so as to prevent it from being drawn inside of the box, and

a smaller one, *e*, across its surface, near the middle, while there is a rod-like projection, *g*, extending downward from its bottom, which passes through the strap, and catches against the bottom of the frame, as seen in fig. 2, and a second one, *a*, projecting upward from its rear end.

Inside of the box A, on each side, at the top, there is an inclined plane, *o*, extending from end to end, against which the flange *e* bears, so as to depress the rear end of the wedge, and make the opening through the box smaller at the rear end than the front one, so as to hold the trace more securely.

In the top of the box there is a small groove formed, shown by dotted lines in fig. 2, in which the projection *a* slides, there being a small stop formed at the front end of the groove, so as to prevent the wedge from coming out of the box too easily.

The rear end of the top of the frame is curved downward, against which the projection *a* bears, so as to force the end of the wedge downward against the trace.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

1. The wedge C, having the two flanges formed on its top, as described, and provided with the two projections *a* and *g*, substantially as shown.

2. The frame A, provided with the loops B and inclined planes *o*, in combination with the wedge C, when used to form a trace-buckle, substantially as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 28th day of June, 1869.

J. H. H. BUELL.

Witnesses:

W. C. HALLECK,
H. C. BUELL.