

MacLean & Harris.

Buckle.

Nº 90,859.

Patented Jan. 1, 1869.

Fig. 1.

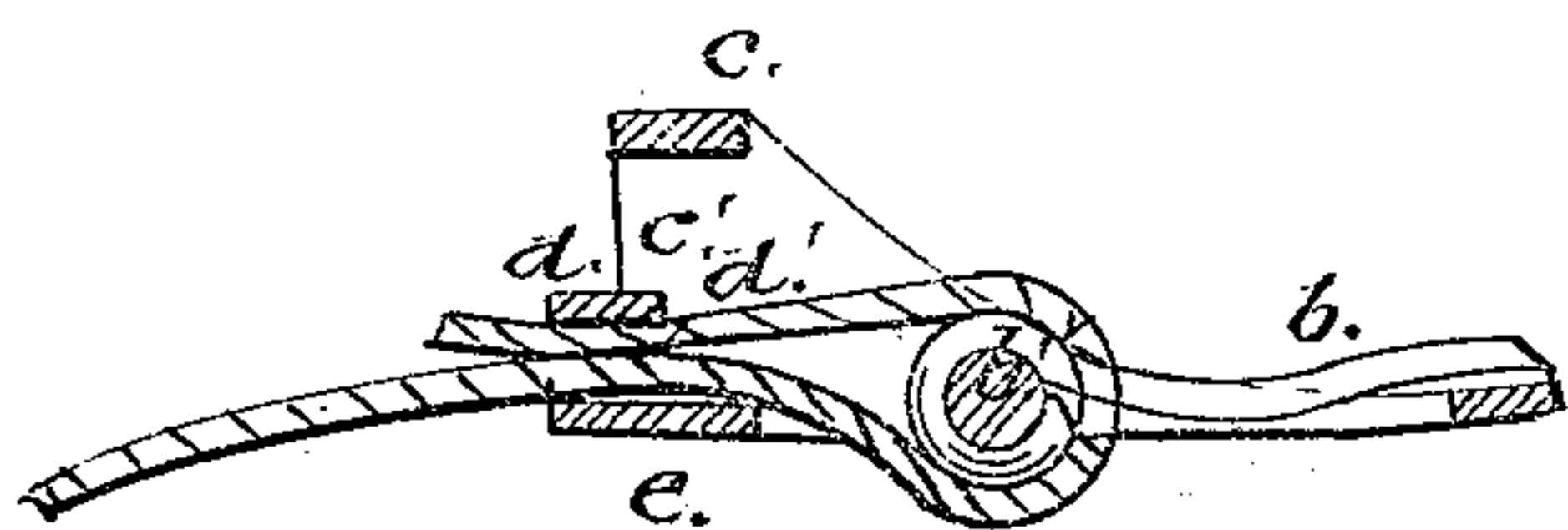
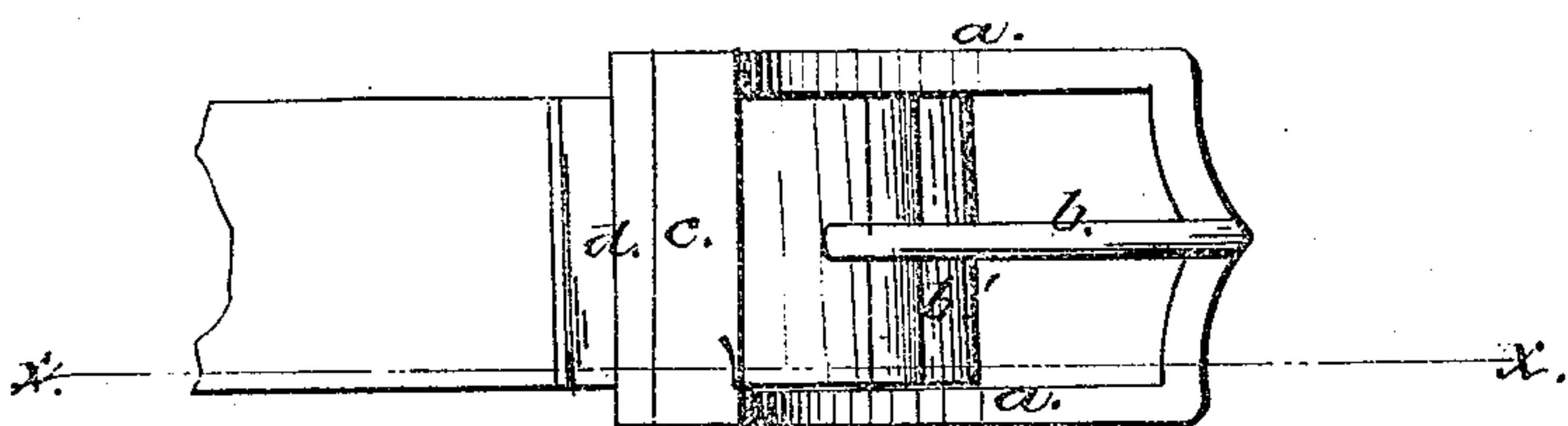


Fig. 2.



WITNESSES:

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WILLIAM MACLEAN AND JAMES H. HARRIS, OF VERMONT,
ILLINOIS.

Letters Patent No. 90,859, dated June 1, 1869.

IMPROVED 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 we, WILLIAM MACLEAN and JAMES H. HARRIS, of Vermont, in the county of Fulton, and State of Illinois, have invented a new and useful Improvement in Buckles; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a vertical section through line *x x* of fig. 2.

Figure 2 is a top view.

This invention has for its object the connecting of buckles with straps without the use of stitching; and to this end

It consists in providing a buckle with two loops at its rear end, one above another, the lower loop being for the retention of the fixed end of the strap, and the upper loop for the reception of the free end after passing the tongue of the buckle through the strap.

In the drawings—

a is a buckle, and

b the tongue, provided at its rear end with a cross-bar, *b'*, pivoted transversely of the buckle, and about midway of the length.

The sides of the buckle widen as they extend back-

ward, and are united by three bars, *c d e*, one at the top, one at the middle, and one at the bottom, at the extreme rear end, said parallel bars forming two loops, *c' d'*.

The lower loop *d'* is intended for the permanent retention of the fixed end of the strap, which is first passed in through said loop from the rear side, then over the tongue *b*, and then bent backward and passed through the loop *d'* again, so that there are two thicknesses of strap in this loop, and the end of the strap is always securely retained without the use of stitching.

The upper loop *c'* subserves the usual purpose of confining the free end of the strap after it has been passed over the tongue of the buckle.

Having thus described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The loops, *c' d'*, formed at the rear end of the buckle *a*, by means of the bar *d*, placed centrally between the bars *c* and *e*, substantially as described.

WM. MACLEAN.
JAS. H. HARRIS.

Witnesses:

CHAS. A. PETTIT,
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