

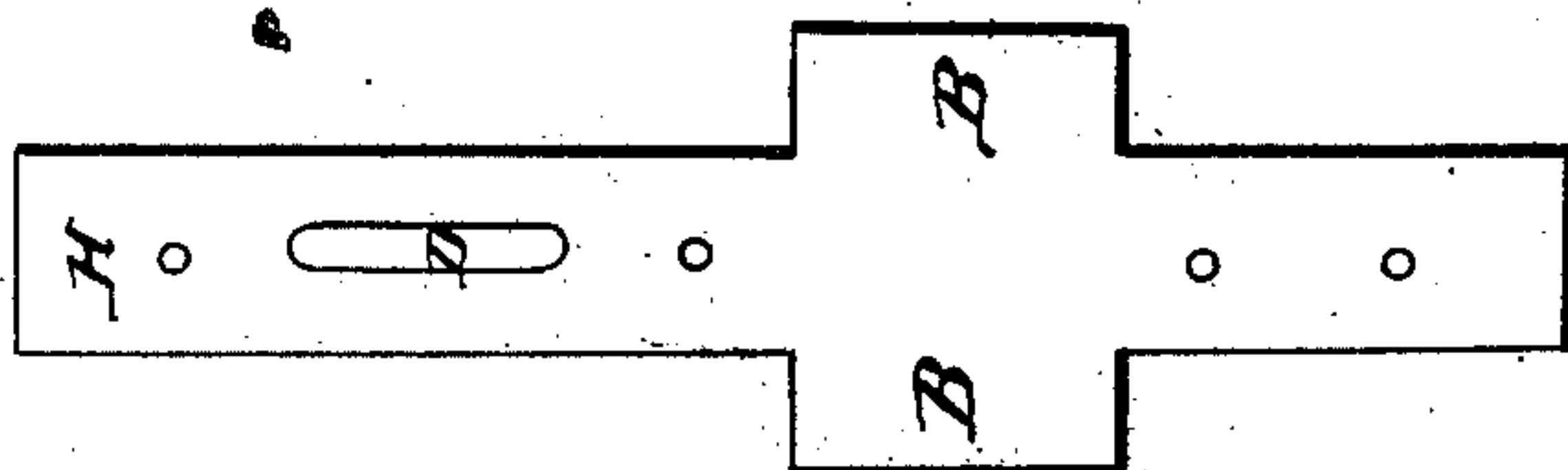
No. 67,322.

PATENTED JULY 30, 1867.

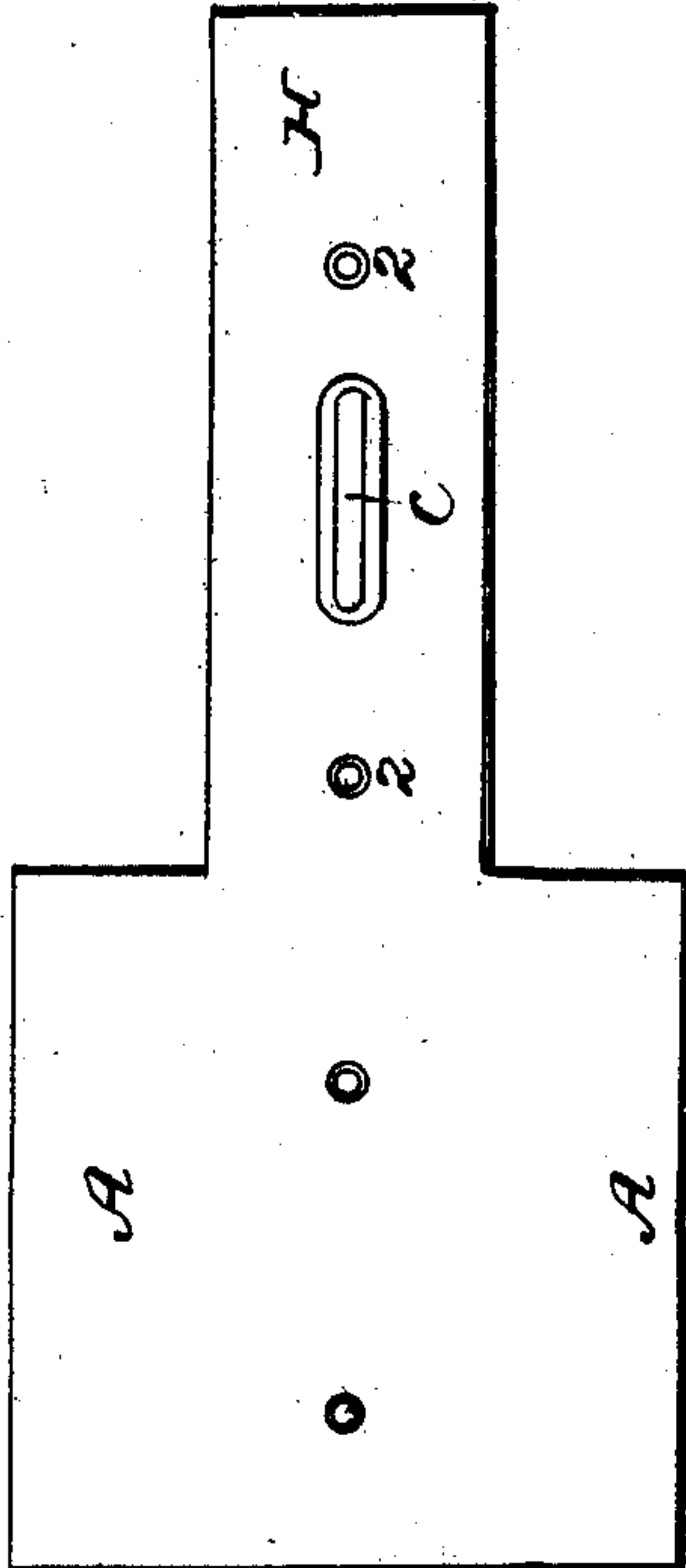
C. H. LITTLEFIELD.
METALLIC LOOP.

Shoulder Strap.

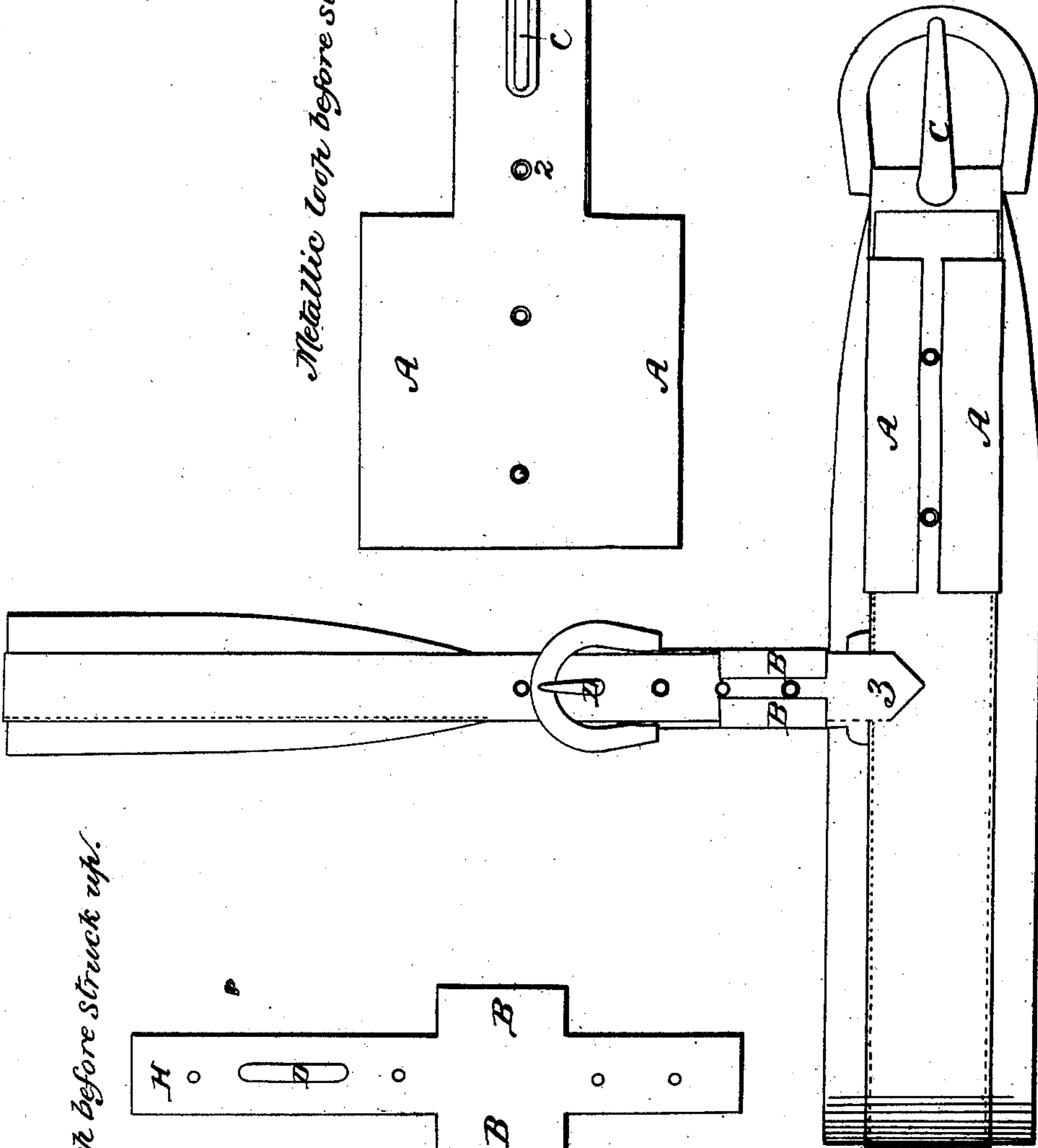
Metallic loop before struck up.



Metallic loop before struck up.



Breast-plate.



United States Patent Office.

CHARLES H. LITTLEFIELD, OF TURNER, MAINE.

Letters Patent No. 67,822, dated July 30, 1867.

IMPROVEMENT IN METALLIC LOOP.

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, CHARLES H. LITTLEFIELD, of Turner, in the county of Androscoggin, and State of Maine, have invented a new and useful Improvement in Breast-Plates for Harnesses; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which the figure marked "breast-plate" and "shoulder-strap" shows a side elevation of a breast-plate and shoulder-strap with my improvement attached thereto, and the two figures marked "metallic loop before struck up" show the forms of the metal employed to construct my improvement.

My invention consists of a piece of metal so bent or formed at one end as to hold a buckle, and to allow the tongue of the buckle to pass through a slot made in such bent end, and having, furthermore, wings or projecting pieces to overlap the different pieces or straps of a harness, the whole to secure an increased durability, and to prevent wearing or chafing of the harness by the carriage or otherwise.

I do not claim to be the first inventor of a metallic loop for harnesses in any form, for I am aware of Letters Patent granted to C. W. Saladee, August 5, 1865, and I do not claim fastening buckles to harness by means of rivets and a metallic plate, the plate being the back bar of the buckle flattened out, and having a metallic loop. This invention differs from mine, both in the construction of the metallic plate, and also in the fact that it has no loop such as is shown in the patent of Saladee. Furthermore, my invention differs from the above-recited patent in the manner in which the different straps of the harness are connected therewith.

I do not claim a metallic plate which is the back bar of a buckle flattened out, when the said plate has a loop or aperture, and when the harness-strap is secured thereto by passing around the back bar of the buckle, so as to receive the tongue of the buckle, and then on both sides of the metallic plate until one part of said double strap is passed up through the aperture or slot in the plate, and then both portions of the strap rest on the same side of the plate.

My invention, more simple than this, consists of a piece of metal which is bent so as to receive the back bar of a buckle, and with two wings to receive and confine a strap or portion of a harness. In the accompanying drawings—

H shows that portion of the piece of metal intended to be bent down at 1 in order to hold the buckle. C is the aperture for the tongue of the buckle to pass through. When thus bent down this portion is held in place by a rivet passing through the holes 2 2. A A and B B show the wings intended to be pressed down and overlap a harness-strap, as shown for example at 3. This is also illustrated in the figure marked "breast-plate," where the plate is represented between the outer and inner strap of the breast-plate, with the wings A A partially overlapping the harness-strap. In this case the plate is secured to the straps by rivets. Thus it will be seen that the wear or strain of the back bar of the button is brought exclusively upon the part II of the metal plate when bent, which is not the case in the patent of Saladee. Increased durability and firmness are thus given to the connections of the different parts of harnesses.

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

The metallic plate of the described form, when the part II is bent, as described, to receive and retain the buckle, and when the wings A or B are turned over so as to lap the harness-strap, as and for the purposes described.

CHARLES H. LITTLEFIELD.

Witnesses:

M. T. LUDDEN,
EDWIN FERNALD.