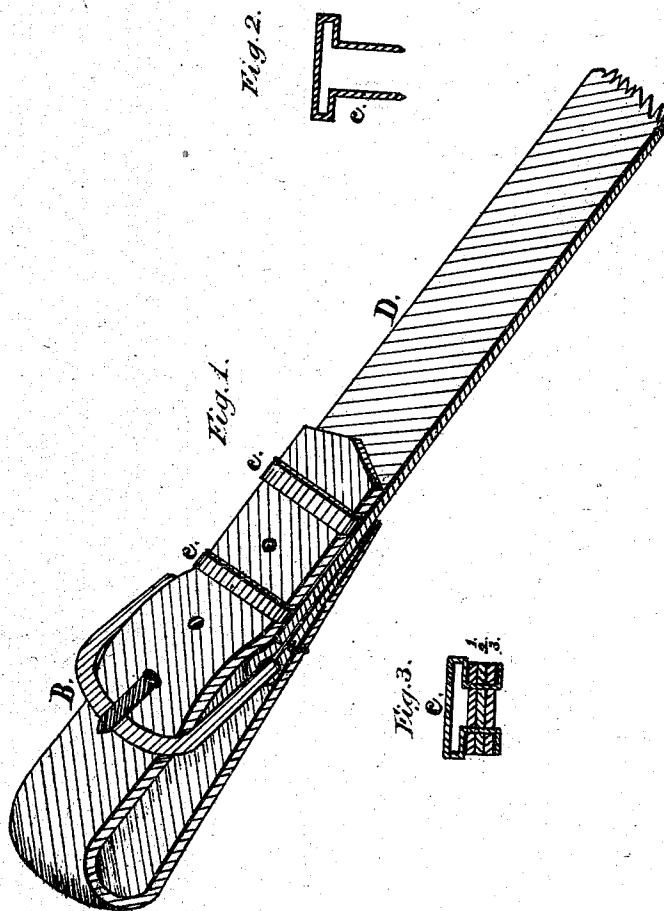


DuLaney & Huston,

Harness Loop.

No. 103311.

Patented May 24, 1870.



Witnesses:

R. Wilson  
Joseph Geas

Inventor:

G. L. DuLaney  
J. S. Huston

# United States Patent Office.

GEORGE L. DU LANEY AND JAMES S. HUSTON, OF MECHANICSBURG,  
PENNSYLVANIA.

*Letters Patent No. 103,311, dated May 24, 1870.*

## IMPROVED LOOP FOR HARNESS.

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, GEORGE L. DU LANEY and JAMES S. HUSTON, both of Mechanicsburg, in the county of Cumberland and State of Pennsylvania, have invented new and useful Improvements in Harness Clasps; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure 1 is a perspective view of a strap and buckle, with clasps in position.

Figure 2 is a side elevation of the clasp.

Figure 3 is a transverse view of the strap, with the clasp securing the several layers in position.

The novelty of this invention relates to the peculiar method of securing buckles to harness, straps, or tugs, by means of a peculiar-shaped metallic clasp, that not only securely clasps the ends of the straps around the buckle, but serves, also, as a very neat and ornamental loop or keeper for the end of the strap to rest under when buckled, by which means the old method of stitching the buckles on, as well as the loops or keepers, is entirely dispensed with, and a much more economical and durable fastening is secured, as said clasps can be manufactured by machinery at a trifling cost, and furnished to the trade in quantity.

We will describe our invention and mode of construction as follows, to wit:

The metallic clasp C is constructed by proper machinery, of form and shape to correspond to that shown in fig. 2, the size of which may be varied to suit the different sizes of straps that may be used.

In putting up harness by the use of the metallic clasp C, the strap D is shaped up, and the buckle B placed in position in the usual manner, by turning the ends of the strap around the buckle, and extending it back sufficiently far to receive the shanks of the clasp C. The shank parts of the clasp C are then driven through the strap, until the shoulders of the clasp rest heavily against the upper surface of the strap D, when the projecting ends of the shanks are turned outward and clinched in a parallel line with the shoulders of the clasp, as shown in fig. 3. By this means the several layers of straps, 1, 2, 3, figs. 1 and 3, are held securely and compactly in position between the shoulders of the clasp, on top, and the ends of the shanks underneath the strap, while the space formed by the extended curve or bowed part of the clasp answers as a loop or keeper for the end of the strap, after being buckled, thus serving the double purpose of securing the buckle to the strap and furnishing a neat, substantial, and ornamental loop or keeper for the end of the strap after passing through the buckle, as shown in fig. 1.

Having thus described our invention,

What we desire to secure by Letters Patent of the United States is—

The metallic clasp C, when constructed as described and used for the purpose specified.

GEORGE L. DU LANEY.  
JAMES S. HUSTON.

Witnesses:

R. WILSON,  
JOSEPH LEAS.