

L. HUMBERT.
Harness-Snap.

No. 161,338.

Patented March 30, 1875.

Fig. 1.

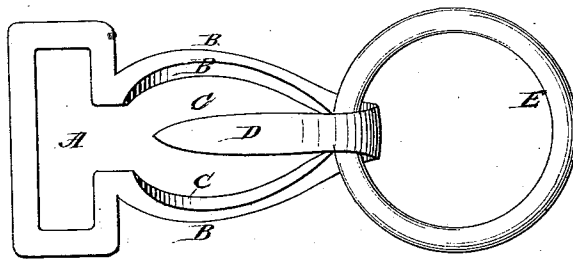


Fig. 2.

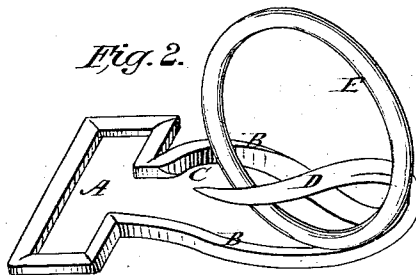


Fig. 4.

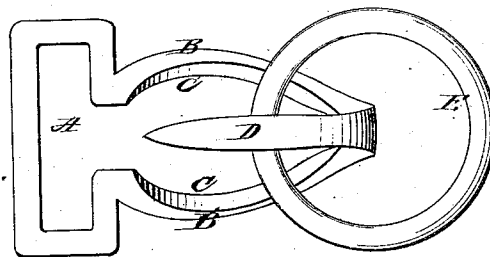
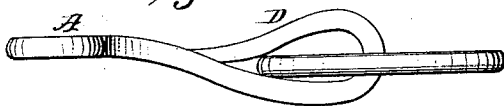


Fig. 3.



Witnesses:
Constant K. Mark
E. H. Hubbard

Inventor
L. Humbert

UNITED STATES PATENT OFFICE.

LEROY HUMBERT, OF SIOUX CITY, IOWA, ASSIGNOR OF ONE-HALF HIS
RIGHT TO HENRY A. LYON, OF SAME PLACE.

IMPROVEMENT IN HARNESS-SNAPS.

Specification forming part of Letters Patent No. **161,338**, dated March 30, 1875; application filed
February 26, 1875.

To all whom it may concern:

Be it known that I, LEROY HUMBERT, of Sioux City, county of Woodbury, State of Iowa, have invented a Harness-Snap, of which the following is a specification:

In the accompanying drawing, making part of this application, Figures 1 and 4 represent plan views of the harness-snap attached to a ring. Fig. 2 represents a perspective view, showing the method of inserting the ring. Fig. 3 represents a side view of the harness-snap and ring.

The object of my invention is to construct a harness-snap in such a manner as to dispense with the use of a spring, as in harness-snaps of the ordinary construction.

My harness-snap is constructed with loop A at one end, to which the strap is attached by sewing, riveting, or otherwise, the curved side bars B B, which extend from the loop at each side, having their inner edges beveled, thus forming the oblate space or opening C, and ending in the hook D, which is prolonged in the same plane, or a little below the plane, of the side bars.

The mode of applying a ring to the side bars to my harness-snap is shown in Fig. 2, and requires two positive motions. A ring is first placed at an angle to the loop in the oblate space near the end of the snap, and then drawn backward along the side bars into the bent portion of the snap, and is prevented from involuntary disengagement by my mode of con-

structing the snap with its end portion in the same plane, or slightly below the plane, of the side bars.

The advantages of my invention are obvious. I make a harness-snap of a single piece of metal. I dispense with the spring which is commonly used, and which is so liable to get out of order, break, or become lost. It is thus simpler of construction and safer than ordinary snaps. It is more convenient to use on account of the ease with which it can be attached and detached to or from a ring or bridle-bit, while its shape and principle of construction prevent its becoming detached. The ring can only be detached by a reverse movement to that described above, while the said ring or analogous article may be more readily and easily secured in cold weather.

Having thus described my invention, I claim as new and desire to secure by Letters Patent of the United States—

A harness-snap having loop A, beveled and curved side bars B B, oblate space C, and a hook, D, ending in a tongue which passes between, and is prolonged in the plane of, such side bars, substantially as specified.

In testimony that I claim the foregoing I hereunto affix my signature in the presence of two witnesses, this 22d day of February, 1875.

L. HUMBERT.

Witnesses:

CONSTANT R. MARKS,
E. H. HUBBARD.