T. C. LOVE.

Combined Hames and Collars.

No. 168,756. Patented Oct. 11, 1875.

Fig. 1

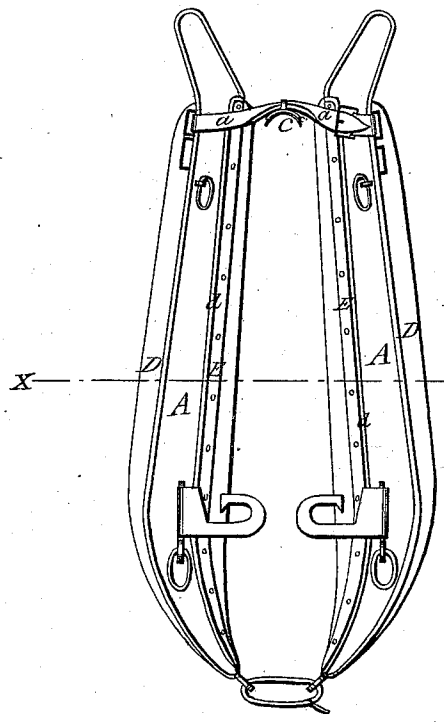


Fig. 2

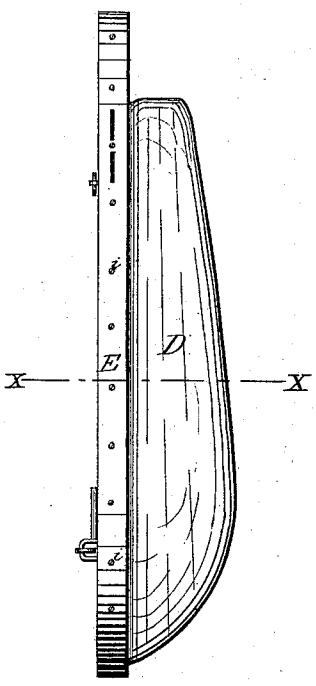
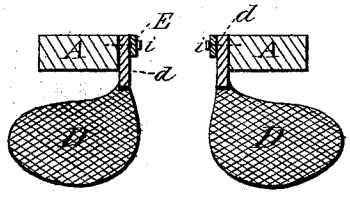


Fig. 3



Attest:

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C. A. Snow

Inventor:

Thomas C. Love,
by Louis Bagger
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UNITED STATES PATENT OFFICE.

THOMAS C. LOVE, OF WALDO, MISSOURI.

IMPROVEMENT IN COMBINED HAMES AND COLLARS.

Specification forming part of Letters Patent No. **168,756**, dated October 11, 1875; application filed August 19, 1875.

To all whom it may concern:

Be it known that I, THOMAS C. LOVE, of Waldo, in the county of Webster and State of Missouri, have invented certain new and useful Improvements in Combined Hames and Collars; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to construct a combined hame and collar for horses and mules in such a manner that the collar-pads shall be secured to the hames by a broad flexible seam or web clamped between a metallic strip and the inside of the hames, for the purpose of increasing the elasticity of the pad, substantially as hereinafter more fully set forth and pointed out in the claim.

In the drawing, Figure 1 represents a front view; Fig. 2, a side view; and Fig. 3 is a cross-section after the line indicated by *x x* in Figs. 1 and 2.

Similar letters of reference indicate corresponding parts in all the figures.

A is the hame, which may be of the ordinary construction, being formed by two halves or side pieces, each having the necessary hooks, rings, &c., by which it is connected with the tug-lines, &c. The two halves A are buckled together at the top and bottom, the buckling-straps *a* at the top passing through one of the eyes *c* of the metallic neck-piece C. The collar consists of two pads, D D, one of which is fastened to each of the side pieces of the hame in the manner hereinafter described. The pads D consist of long narrow bags stuffed with wool, cotton, or any other suitable material. A seam of considerable width is left along the side of each bag, so as to form a broad flexible web, that admits of its being secured to the side piece of hame A by being clamped between said side piece and a flexible metallic strip, E, which is then secured by screws *i*, thus securely clamping or holding the pad D in its proper position in relation to the hame. The strip E prevents the web *d* from being torn by the screws or tacks *i*, while the broad flexible web *d* that intervenes between the inner sides of the hames and the filled or stuffed portions of the pads permits the latter to lie up close to the hames when in use, so as to form an independent elastic cushion, secured to the hames only along the metallic strip E, which clamps the web *d*. Besides, by this method of securing the collar-pads to the hame, they may be readily removed when worn out by simply loosening the screws *i* and clamping-strip E, and others may be substituted.

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

In a horse-collar, the pads D D, constructed with a flexible web, *d*, intermediate to the attaching-seam, for the purpose of increasing the flexibility and elasticity of the pads, in the manner substantially as hereinbefore shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

THOMAS C. LOVE.

Witnesses:

J. HY. FOSTER,

C. C. SMITH.