

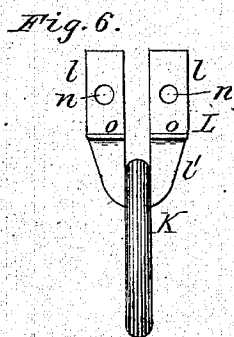
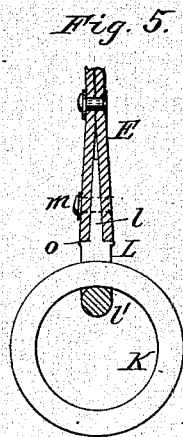
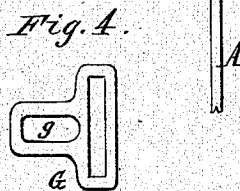
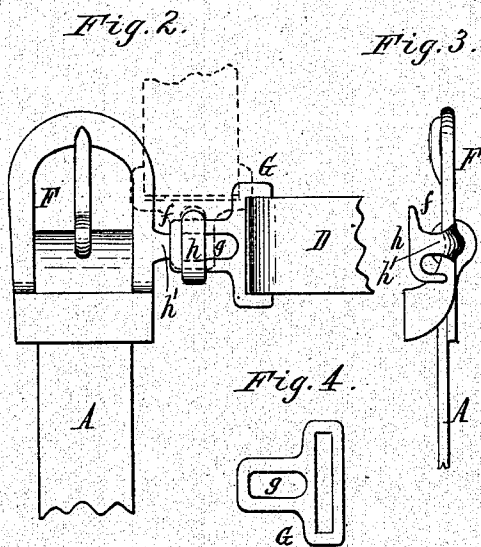
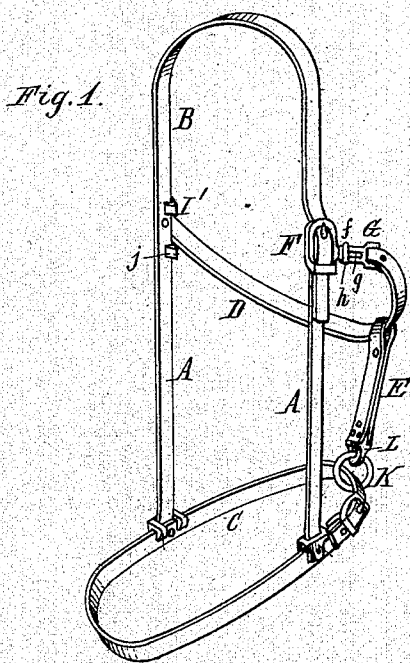
(No Model.)

E. A. COOPER.

HALTER.

No. 284,540.

Patented Sept. 4, 1883.



Theo. G. Popp
Edw. J. Brady witnesses.

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UNITED STATES PATENT OFFICE.

EDWARD A. COOPER, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-FOURTH
TO OGDEN P. LETCHWORTH, OF SAME PLACE.

HALTER.

SPECIFICATION forming part of Letters Patent No. 284,540, dated September 4, 1883.

Application filed May 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. COOPER, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Halters, of which the following is a specification.

The object of this invention is the construction of a halter which shall be light and strong, and the parts of which can be easily and cheaply constructed and secured together; and my invention consists, to that end, of an improvement in the device whereby the throat-latch is detachably connected with the buckle of the cheek-strap, and in the improved construction of the clasp whereby the chin-ring is attached to the throat-latch, as will be hereinafter fully set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a halter provided with my improvements. Fig. 2 is a side elevation, on an enlarged scale, of the buckle attached to the cheek-strap and the end of the throat-latch attached to said buckle. Fig. 3 is a rear edge elevation of said buckle. Fig. 4 is a side elevation of the loop attached to the throat-latch. Fig. 5 is a vertical sectional elevation of the fastening whereby the chin-ring is attached to the billet of the throat-latch. Fig. 6 is a front elevation of the chin-ring and fastening.

Like letters of reference refer to like parts in the several figures.

A A represent the cheek-straps; B, an upward extension of one of the cheek-straps forming the crown-strap; C, the chin-strip; D, the throat-latch, and E the billet of the throat-latch.

F represents the buckle, whereby the free end of the crown-strap B is attached to the upper end of the adjacent cheek-strap A.

The throat-latch D is rigidly secured with one end to one of the cheek-straps A, and detachably connected with its other end to the buckle F. The latter is constructed on its rear side or edge with a hook or catch, *f*, which is adapted to receive and hold a loop, G, secured to the free end of the throat-latch.

The catch *f* consists of an upright bar, *h*, turned backward at its lower end, as represented in Fig. 3, and connected by a shank, *h'*, with the buckle.

The loop G is constructed with an elongated opening, *g*, having its longest dimension arranged in line with the throat-latch, or substantially at right angles to the upright catch-bar *h*, so that the opening *g* can only be engaged over the catch-bar *h* by bending the throat-latch out of its normal position, as represented by dotted lines in Fig. 2.

When the opening *g* of the loop G has been placed over the catch-bar *h*, as above described, and the throat-latch is placed in its normal position, as represented by full lines in Fig. 2, the loop G is firmly attached to the catch *f*, and these parts cannot become separated by any of the ordinary movements to which the halter is subjected when in use. The loop G is, however, readily detached from the catch *f* by placing the loop in a position in which the elongated opening *g* will pass over the catch-bar *h*. This fastening takes the place of the snap-hooks ordinarily employed in halters for the same purpose. It is very simple and cheap in construction, as each part can be cast complete, and owing to the absence of a spring or other movable part it is not liable to get out of order.

K represents the chin-ring through which the chin-strap passes, and L represents the clip or fastening whereby the ring K is attached to the billet E of the throat-latch.

The clip L is composed of two parallel tapering shanks or arms, *l*, arranged side by side, and a curved bar, *l'*, connecting the lower ends of said arms, so that an opening is formed between the arms *l l*, through which the ring K can be introduced into its seat on the curved bar *l'*. The tapering arms *l* are inserted between two thicknesses of leather, of which the billet E is composed, as represented in Fig. 6, and the arms are secured to the billet by rivets *m*, passing through openings *n* in the arms. If preferred, however, the rivets may be cast directly on the arms *l*. The latter are preferably constructed with shoulders *o*, against which the ends of the billet rest. This fastening permits the requisite free movement of the chin-ring, and is simple and cheap in construction, and permits the easy attachment of the chin-ring to the billet of the throat-latch.

I claim as my invention—

1. The combination, in a halter, of a cheek-strap, A, a throat-latch, F, having a loop, G, at

- tached thereto, and a buckle, F, attached to the cheek-strap, and provided on its side with a catch adapted to engage with the loop of the throat-latch, substantially as set forth.
- 5 2. The buckle F, constructed with a catch, *f*, composed of an upright bar, *h*, and shank *h'*, adapted for connection with the loop of the throat-latch, substantially as set forth.
3. The combination, with the chin-ring K, of a clasp or clip, L, composed of two arms, *l l*, 10 arranged side by side and adapted to be secured to the billet, and a connecting-bar, *l'*, adapted to support the chin-ring, substantially as set forth.

EDWARD A. COOPER.

Witnesses:

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