

(No Model.)

J. B. SAYRE.
COMBINED BUCKLE AND RING.

No. 299,271.

Patented May 27, 1884.

Fig. 2.

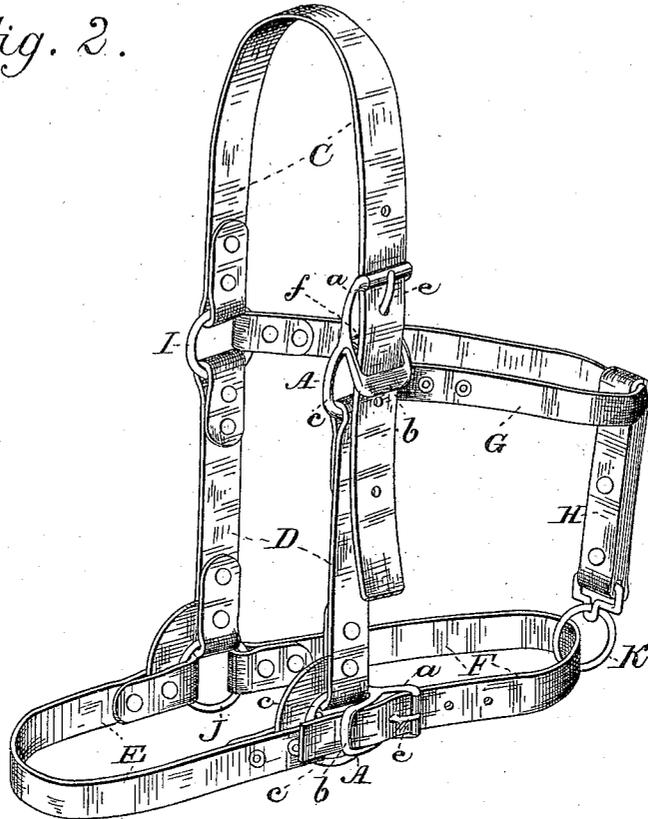
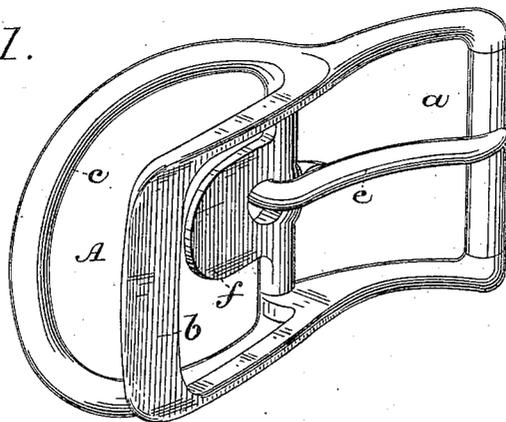


Fig. 1.



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UNITED STATES PATENT OFFICE.

JAMES BENJAMIN SAYRE, OF SACRAMENTO, CALIFORNIA.

COMBINED BUCKLE AND RING.

SPECIFICATION forming part of Letters Patent No. 299,271, dated May 27, 1884.

Application filed March 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. SAYRE, of the city and county of Sacramento, and State of California, have invented an Improvement in a Combined Buckle and Ring; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a new and useful combined buckle and ring for use in harness at any suitable portion thereof, or in any other device wherein straps are connected, but especially for use in a halter, with which I shall herein describe it.

My invention consists in the novel arrangement and construction of the buckle-frame, tongue, keeper, ring, and guide-lip between the ring and keeper, hereinafter fully explained.

Referring to the accompanying drawings, Figure 1 is a perspective view of my combined buckle and ring. Fig. 2 is a view of a halter, showing the application of my combined buckle and ring thereto.

The device (represented as a whole by the letter A) is preferably cast, molded, or otherwise formed of suitable metal in a single piece, with the exception of the tongue. The frame of the buckle, *a*, is concaved on its face for the ready insertion of the strap, and its ends are continued to form the keeper *b*, whose sides branch upwardly from the buckle-frame. The ring *c* commences at and joins the buckle-frame where the keeper branches from it, and a space is left between the ring and keeper by reason of the upward tendency or divergence of said keeper. The base-bar of the buckle-frame divides said frame from the ring, and upon it is pivoted the tongue *e*. A plate or lip, *f*, is formed with said base-bar, and extends between the keeper and ring.

In Fig. 2 will be seen the application of the device to a halter, which is the usual five-ring halter, consisting of the crown-piece C, cheek-straps D, nose-band E, chin-strap F, throat-latch G, and tug H, joining the throat-latch and chin-strap.

Between the crown-piece, throat-latch, and cheek on one side an ordinary ring, I, is used. Likewise, on the same side, between the chin-strap, nose-band, and cheek-strap, an ordinary ring, J, is used, and there is the ring K joining the lower end of the tug to the chin-

strap. The usual remaining rings and buckles are replaced, as shown, by my combined buckle and ring, these being placed in corresponding opposite positions to the rings I J. The upper end of the cheek-strap and the end of the throat-latch are both secured to the ring *c*, and the end of the crown-piece extends through the buckle-frame *a* from behind, and, after engaging or receiving the tongue, passes under the keeper *b*, between it and the guide lip or plate *f*. The advantage of this lip or plate lies, as its name implies, in the fact that it guides the end of the strap through the keeper, preventing it from passing down through the ring, thereby rendering its insertion to its proper place an easy matter.

Upon the other buckle in this halter the arrangement is as follows: The lower end of the cheek-strap and the end of the nose-band are both secured on the ring *c*, and the free end of the chin-strap engages with the tongue, and is confined in the keeper.

In the places where my combined buckles and rings are here shown applied it has been customary to use an ordinary buckle, and an ordinary ring united by a leather piece carrying the keeper, also of leather. As a substitute for this, a buckle has been made having at the lower end of the buckle-frame a small loop for one strap, and having on the side of the buckle-frame a small loop for the other strap. The objection found to the former device is its expense, the leather connection alone, both in stock and labor, put upon it costing more than my entire buckle and ring. The objection to the latter device is that by reason of the position of the loops the straps are separated, and an equal and properly-directed strain is lost. It is now conceded that the best plan is to secure both straps on the same ring. My device has for its object, therefore, the saving of expense and at the same time the attainment of the best results of a single ring for a proper direction and equalizing of the strain.

I do not confine myself to the application of my device to a halter; but I may use it wherever necessary or proper.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combined buckle and ring, consist-

ing of the buckle-frame *a* and the tongue *e* on
the base-bar of said frame, and the keeper *b*
and ring *c*, extending from the base of the
buckle-frame and diverging or separating from
5 each other, and a plate, *f*, substantially as
herein described.

2. The combined buckle and ring, consist-
ing of the buckle-frame *a*, tongue *e*, and the
keeper *b* and ring *c*, extending from the base
10 of the buckle-frame and diverging or separat-
ing from each other, and the guide lip or plate
f, extending and lying between said keeper
and ring, substantially as herein described.

3. The combined buckle and ring, consist-
ing of the concaved face or bent buckle-frame 15
a, having tongue *e*, the upwardly-inclined
keeper *b*, and the straight ring *c*, substantially
as herein described.

In witness whereof I have hereunto set my
hand.

JAMES BENJAMIN SAYRE.

Witnesses:

G. W. CONAWAY,
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