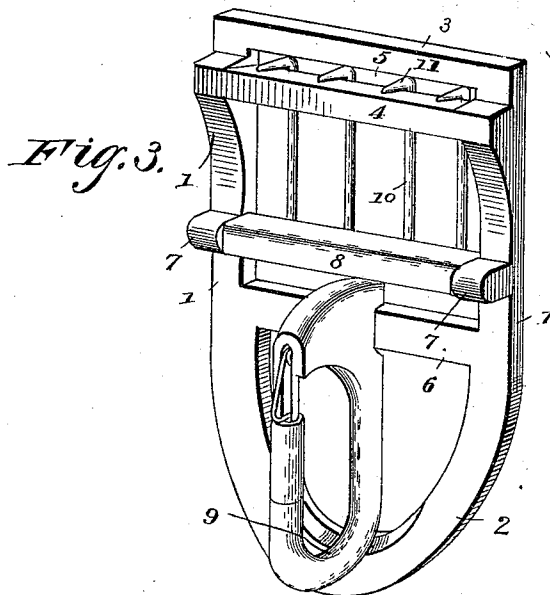
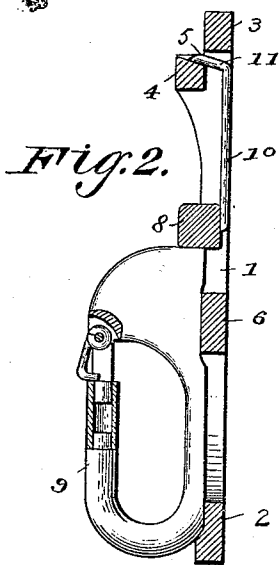
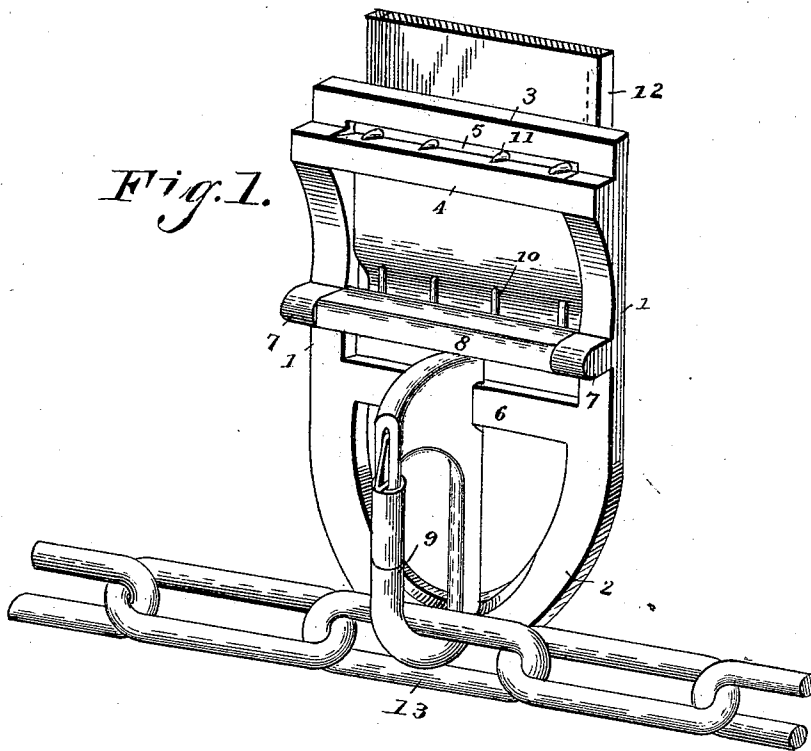


(No Model.)

W. J. WARE.
BACK BAND BUCKLE.

No. 515,067.

Patented Feb. 20, 1894.



Inventor

Witnesses

Julius Ulke Jr.
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William J. Ware,
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UNITED STATES PATENT OFFICE.

WILLIAM J. WARE, OF KERENS, TEXAS.

BACK-BAND BUCKLE.

SPECIFICATION forming part of Letters Patent No. 515,067, dated February 20, 1894.

Application filed September 14, 1893. Serial No. 485,505. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. WARE, a citizen of the United States, residing at Kerens, in the county of Navarro and State of Texas, have invented a new and useful Back-Band Buckle, of which the following is a specification.

My invention relates to improvements in back-band buckles; and the objects in view are to produce a cheap and simple construction of back-band buckle, the same being so constructed and arranged as to adapt it to serve also as a trace-carrier and to combine with the trace in such manner as to lock the buckle upon the back-band.

With these general and other objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings:—Figure 1 is a perspective view of a buckle embodying my invention, the same being shown in connection with a portion of a back-band and trace-chain. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is a detail in perspective of the buckle.

Like numerals of reference indicate like parts in all the figures of the drawings.

In the practice of my invention I employ a buckle-frame, which consists of opposite vertical side-bars 1, which converge at their lower ends, forming the support 2 and are connected at their upper ends by a transverse bar 3. Immediately below the transverse bar 3 a second similar bar 4 is located, the two bars combining to form an intermediate space 5. At the points where the side bars 1 begin to converge they are further connected by a transverse bar 6. Between the bars 4 and 6 transversely opposite bearings 7 are located on the bars 1, and loosely journaled therein is a transverse rock-shaft 8, whose ends are reduced to enter the bearings 7. This rock-shaft 8 has depending from its center and under side a snap-hook 9 of any desired construction, the same being designed to rest upon the support 2. Projecting from the rear side of the rock-shaft 8 is a series of tines or tongues 10, the same projecting upward in rear of the buckle and adapted to lie between the bars 1 thereof and having

their upper ends forwardly bent, as indicated at 11, and pointed to project into the space 5 heretofore described as being formed between the bars 3 and 4. This completes the construction of the buckle, and in mounting the same upon a back-band 12 the several tongues are passed through the back-band at two points, the passage being from front to rear in forming the first punctures, and subsequently above the same from rear to front, so that the points finally terminate in the space 5 and are prevented from engaging with the driver or any portion of the harness.

A chain 13 of the ordinary pattern may be engaged at a convenient link with the snap-hook, and it will be seen that said chain serves to depress the snap-hook backward against the buckle-chain and thus maintain the tongues pressed forward and in engagement with the back-strap. Furthermore, it will be obvious that so long as the back-strap is in position upon the animal it will be impossible for the rock-shaft 8 to so operate as to disengage its tongues with the aforesaid strap.

From the foregoing description in connection with the accompanying drawings, it will be seen that I have provided a very simple construction of buckle, the same being combined with a suitable snap-hook for engaging the chain, whereby the latter may operate to maintain the buckle locked upon the back-strap.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. The herein described improved buckle, the same consisting of a frame having transversely opposite bearings, a rock-shaft transversely disposed and journaled in the frame, a trace-chain engaging snap-hook depending from the rock-shaft and supported against the outer face of the frame, and buckle-tongues extending from the rock-shaft toward the upper end of the frame and having their upper extremities outwardly bent and en-

gaging an opening formed therein, substantially as specified.

2. The herein described improved combined back-strap buckle and trace-chain support, the same consisting of the opposite side-bars 1 converged toward their lower ends and having the transverse bars 3, 4 and 6 arranged consecutively from the top, the two former bars being spaced apart to form the tongue-receiving recess 5, the opposite bearings, the rock-shaft therein the snap-hook 9 depending from the under side of the rock-shaft and adapted to rest against the front face of the buckle, and the bent tongues 10 at the rear side of the rock-shaft and having their upper ends extending forward into the recess 5, substantially as specified.

3. The herein described improved combined

back-strap buckle and trace-chain support, the same consisting of a frame having transversely opposite bearings and above the same provided with adjacently located parallel transverse bars, of a rock-shaft arranged in the bearings, a trace-support connected to the frame, and a plurality of tongues extending from the rock-shaft upwardly and having their upper ends bent forward and terminating in the space between the cross-bars, substantially as specified.

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

WILLIAM J. WARE.

Witnesses:

CHRIS. L. KNOX,
B. F. HAUSTON.