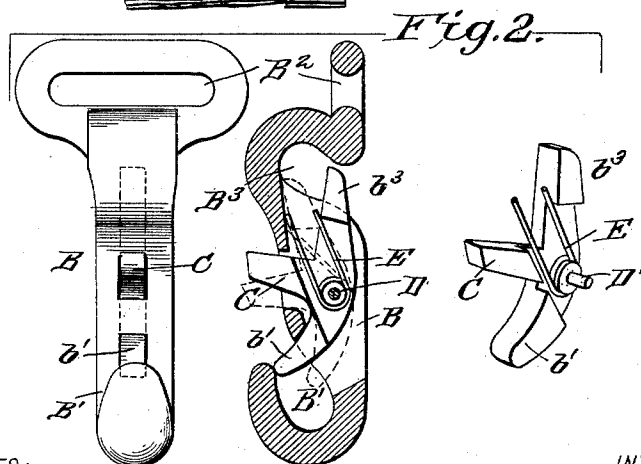
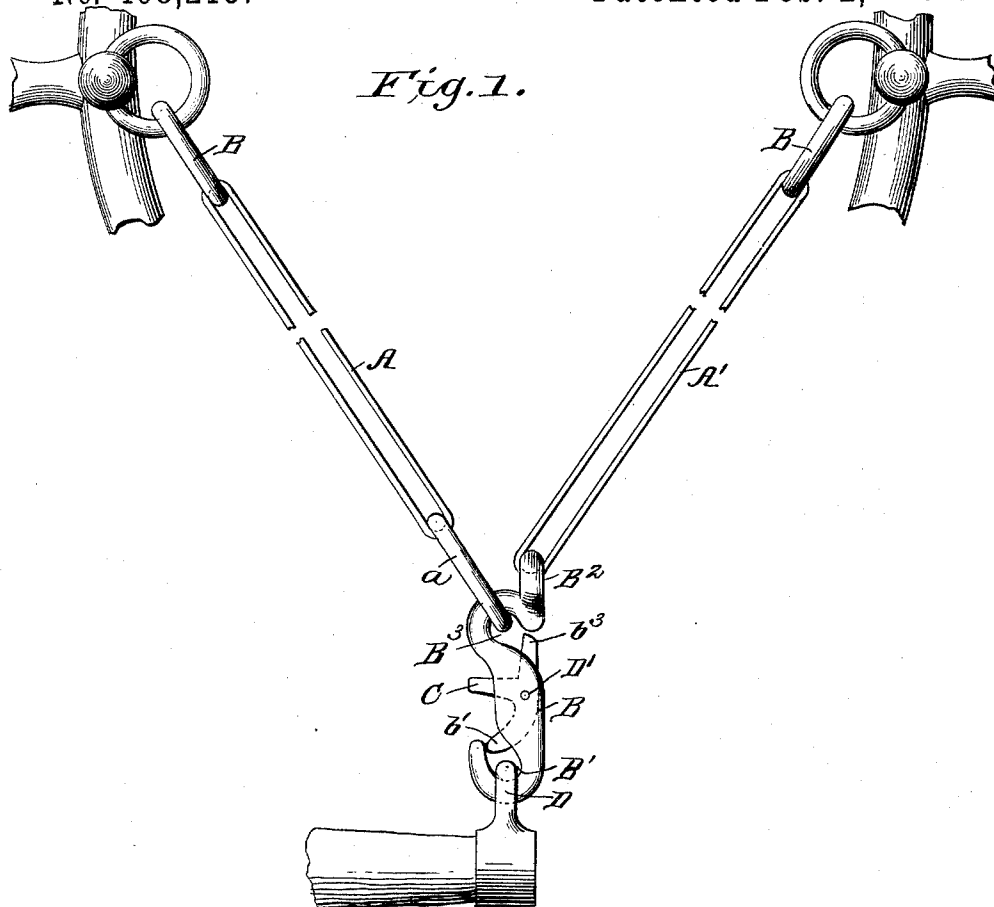


(No Model.)

W. H. VIOLETT.
HARNESS.

No. 468,213.

Patented Feb. 2, 1892.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM H. VIOLETT, OF GRAND JUNCTION, COLORADO.

HARNESS.

SPECIFICATION forming part of Letters Patent No. 468,213, dated February 2, 1892.

Application filed March 19, 1891. Serial No. 385,699. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. VIOLETT, of Grand Junction, in the county of Mesa and State of Colorado, have invented a new and useful Improvement in Harness, of which the following is a specification.

My invention is an improvement in harness; and it consists in certain novel constructions and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 shows the improvement as in use, and Fig. 2 illustrates the snap connection in detail.

15 The straps A A' are shown as doubled and passed through the hame-rings B and are secured at their ends by rivets or buckles. A ring *a* is fitted in the strap A, as shown in Fig. 1. The snap connection B is formed at one end with a hook B' to catch in the ring D of the neck-yoke and at its other end with a loop B² to receive the strap A'. At the said end and adjacent to the loop B² the connection B has a hook B³ to receive the ring *a* on the strap A. This hook B³ faces or opens in the opposite direction from hook B'. Snap-tongues *b'* *b*³ are provided to close the hooks B' B³. By preference these tongues are made integral with each other and with a handle-piece C, the snap or latch being pivoted at D to the body of the connection B. The snap or latch is actuated by the spring E, which is a wire coiled on a small hub *d* on the latch and having one end arranged to bear against the tongue *b*³ and its other tongue to bear against the body of the connection, the spring serving to normally hold the tongues *b'* *b*³ in position to close their respective hooks.

40 In the use of my invention it will be seen that the holdback-straps A A' can be quickly connected with or disconnected from the holdback, and that the strap A can be quickly detached from strap A' by opening hook B³, the snap connection being carried by the strap A'. By the improvement it will be seen that the wear on the holdback-strap resulting from its sliding back and forth in the yoke-ring, as is usual, is avoided; also, that the connection with the yoke may be quickly and easily made.

Manifestly chains or the like may be used instead of the straps A A', and the said straps may be provided with buckles to enable their convenient adjustment lengthwise. Manifestly the loop B² may be arranged, as shown 55 at right angles to the body of the snap, or, if desired, it may be arranged parallel therewith. It will also be understood that an anti-friction roller or tube may be provided on the cross-bar of the loop to prevent wearing the 60 strap A'.

Having thus described my invention, what I claim as new is—

1. As an improved article of manufacture, the snap connection herein described, formed 65 with hook B' at one end and the loop B² and hook B³ at its opposite end and provided with a latch or snap formed with tongues *b'* *b*³ to close the hooks B' B³, and a handle portion, and the spring for actuating such snap 70 or latch, all substantially as and for the purposes set forth.

2. The combination, substantially as herein described, of the snap connection provided at one end with a hook for engaging the neck-yoke ring and at its other end with a loop and with a hook adjacent thereto, a double spring-tongue for closing the hooks, and the holdbacks, one of the holdbacks being secured in the loop and the other in the adjacent hook, 80 all substantially as and for the purposes set forth.

3. The improved snap connection herein described, comprising the main or body portion formed at one end with a hook B', at its 85 opposite end with a loop B², and having between said hook and loop a hook B³, the latter being adjacent to the loop B², and the double spring-tongue having a pivoted connection with the body portion and arranged 90 for adjustment to close the hooks B' B³, all arranged and adapted for use substantially as set forth.

WILLIAM H. VIOLETT.

Witnesses:

CARRIE RITCHIE,
JOS. B. KEALING.