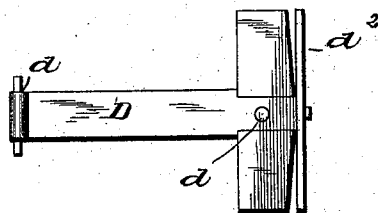
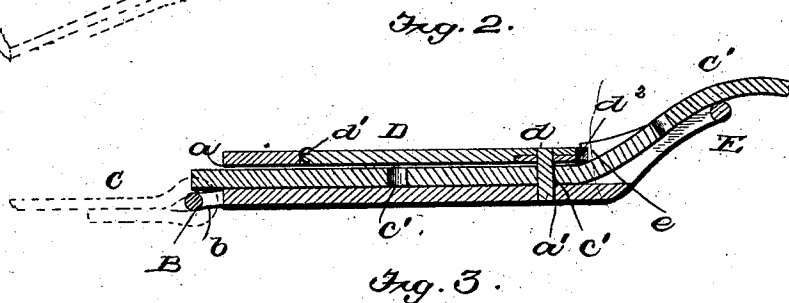
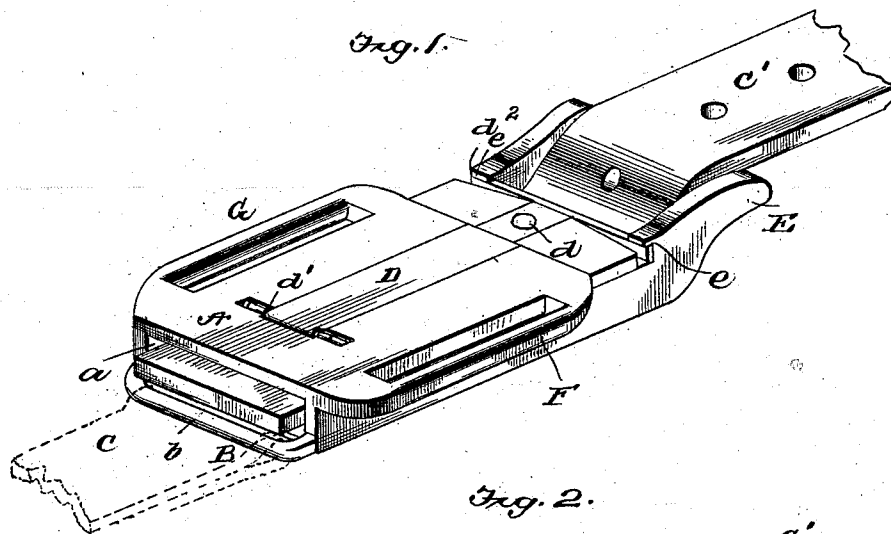


(No Model.)

F. CALIFF.
BUCKLE.

No. 503,898.

Patented Aug. 22, 1893.



Witnesses

John J. Irvine
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UNITED STATES PATENT OFFICE.

FRANK CALIFF, OF ELK CREEK, SOUTH DAKOTA.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 503,898, dated August 22, 1893.

Application filed April 1, 1893. Serial No. 468,686. (No model.)

To all whom it may concern:

Be it known that I, FRANK CALIFF, a citizen of the United States, residing at Elk Creek, in the county of Lawrence and State of South Dakota, have invented certain new and useful Improvements in Buckles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Figure 1, is a perspective view of this buckle. Fig. 2, is a longitudinal central section through the buckle. Fig. 3, is a detail in plan showing how the spring engages under the loop projections to hold the tongue down.

This invention is an improvement in harness buckles and the novelty consists in the construction of the several parts, their combination with each other, and in the device as a whole; all as will now be more fully and clearly described as well as pointed out in the claims.

In the accompanying drawings A, denotes what may be generally designated as the case or frame, preferably made of metal; it is usually rectangular in shape and is hollow, but open at each end and about three times as wide as high.

In the slot *b*, formed by the looped projection B, at one extremity the end of the breeching strap C, is properly secured, and through the hollow or longitudinal opening *a*, in the body of the frame, the free end C', of the strap is passed. It is here secured in position by means of the bolt *d*, on the under side of the tongue D, which tongue is hinged at *d'*, in the top of the frame A. The bolt *d*, is adapted to pass through any desired one of the holes or slots *c'*, in the free end of the strap and through the hole *a'*, in the bottom of the frame. When the tongue is pressed down for this purpose it is held in position by the leaf spring *d²*, attached to its front, the free ends of which spring engage under the projections *e*, of the part of the buckle which forms the hame tug loop E. The tongue can be released from this position and thereby allow the strap end to be removed from the buckle, by pressing back with the fingers the ends of the spring which extend slightly beyond the projection *d*, of the loop and thus releasing them.

On one side at the upper edge of the frame is placed the back band loop F, while on the opposite side of the frame is placed the belly band loop G. All these loops may be made integral with the frame or otherwise, as may be preferred.

The use and operation of this buckle will be comprehended at a glance by any one familiar with this class of devices. It presents in a compact, neat and very durable form a very serviceable and useful buckle. Its structure is such as to prevent accumulation of dirt, an objection often made to similar devices now in use.

What I claim is—

1. The above described buckle consisting of a hollow body having at one extremity a loop for attachment of one end of the breeching strap, and provided with a hinged tongue having a bolt in its under side adapted to enter the hole in the free end of the strap as it is passed through to the hollow body of the buckle and also a hole in bottom of the frame and having at its front end a spring the ends of which are adapted to engage the ends of the hame tug loop, substantially as described.

2. In a buckle, as described the hollow body A the hinged tongue having a bolt on its under side and a spring on its front end combined with the loop E, having projections *e*, under which said spring ends may be engaged so as to hold the spring down, but slightly projecting beyond so as to be released from engagement therewith when occasion requires, substantially as described.

3. The buckle, as described, consisting of the hollow body A, open at each end and having a hole *a'*, in its bottom, and provided with strap and tug loops B, and E, respectively at opposite ends, the latter of said loops, having projections *e*, and the band loops F, and G, at the opposite sides and the hinged tongue D, having a bolt *d*, on its under side and a spring *d²*, at its front end to engage under the projections *e*, of the loop E, all constructed and combined as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK CALIFF.

Witnesses:

MARY CALIFF,
LOWELL CALIFF.