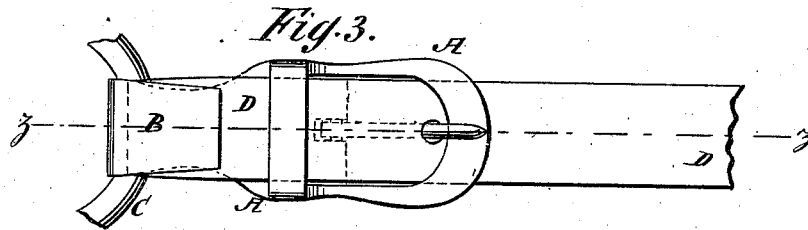
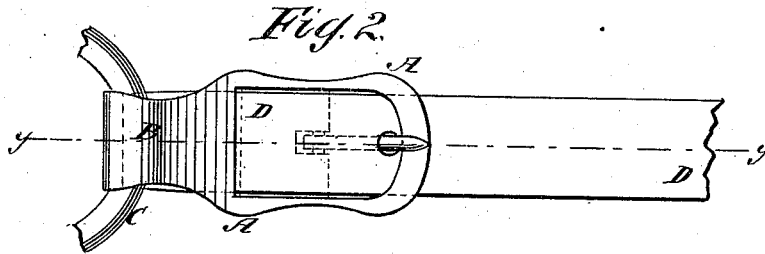
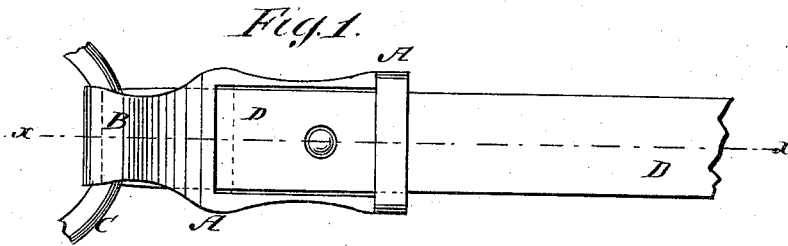


T. L. WISWELL.
Combined Buckle and Hook.

No. 197,808.

Patented Dec. 4, 1877.



WITNESSES:

E. Wolff.
J. H. Scarborough.

INVENTOR:

T. L. Wiswell.

BY *Mumbl.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

THEODORE L. WISWELL, OF OLATHE, KANSAS, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO GEORGE F. MEAD AND AMOS N. SYLVESTER, OF SAME PLACE.

IMPROVEMENT IN COMBINED BUCKLE AND HOOK.

Specification forming part of Letters Patent No. **197,808**, dated December 4, 1877; application filed October 6, 1877.

To all whom it may concern:

Be it known that I, THEODORE L. WISWELL, of Olathe, in the county of Johnson and State of Kansas, have invented a new and useful Improvement in Combined Buckle and Hook, of which the following is a specification:

Figure 1 is a front view of one form of my device. Fig. 2 is a front view of another form of the same. Fig. 3 is a front view of another form of the same. Fig. 4 is a longitudinal section taken through the line *x x*, Fig. 1. Fig. 5 is a longitudinal section taken through the line *y y*, Fig. 2. Fig. 6 is a longitudinal section taken through the line *z z*, Fig. 3.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved buckle and hook to take the place of the buckle and leather billet now used for securing check-reins, guiding-reins, hitching-reins, and halter-straps to their rings, and for use in other places, which shall be simple in construction, strong and durable in use, and economical in manufacture, saving the leather billet, and avoiding the necessity of sewing on the buckle.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A represents the buckle, which may be made with a straight stationary tongue, as shown in Figs. 1 and 4, or a hinged tongue, as shown in Figs. 2, 3, 5, and 6, as may be desired. Upon the base of the buckle A is formed a hook, B, which may be curved inward, as shown in Figs. 1, 2, 4, and 5, or outward, as shown in Figs. 3 and 6. In the latter case a keeper should be formed upon the forward side of the buckle to confine or hold down the strap.

C represents the ring, into which the hook B is hooked.

D is the strap, which is buckled into the buckle A, and its end is passed into the hook B. The hole for the buckle-tongue should be at such a distance from the end of the strap D that the said end may enter the hook B and rest upon the upper side of the ring C, as shown in Figs. 4, 5, and 6, so that it will be impossible for the hook to be detached without first drawing out the end of the strap D.

The base or plate of the buckle A is extended, so as to leave only sufficient space between the said plate and the tip or end of the hook B to allow the ring C to pass through, so that the strap may be supported to prevent the ring from breaking the strap down and pushing it out of the hook.

The end of the hook B is made straight and parallel with the plate or base of the buckle A, so that the strap D may lie flat against it, to prevent the ring C from working over the end of the strap and out of the hook before the strap has been pulled out.

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

The combination of plate A, having hook and buckle-tongue, with the ring C and leather strap D, the latter arranged to close the opening of the hook and hold the ring in place, substantially as and for the purpose specified.

THEODORE LEROY WISWELL.

Witnesses:

H. S. BLAIR,
O. B. JOSLIN.