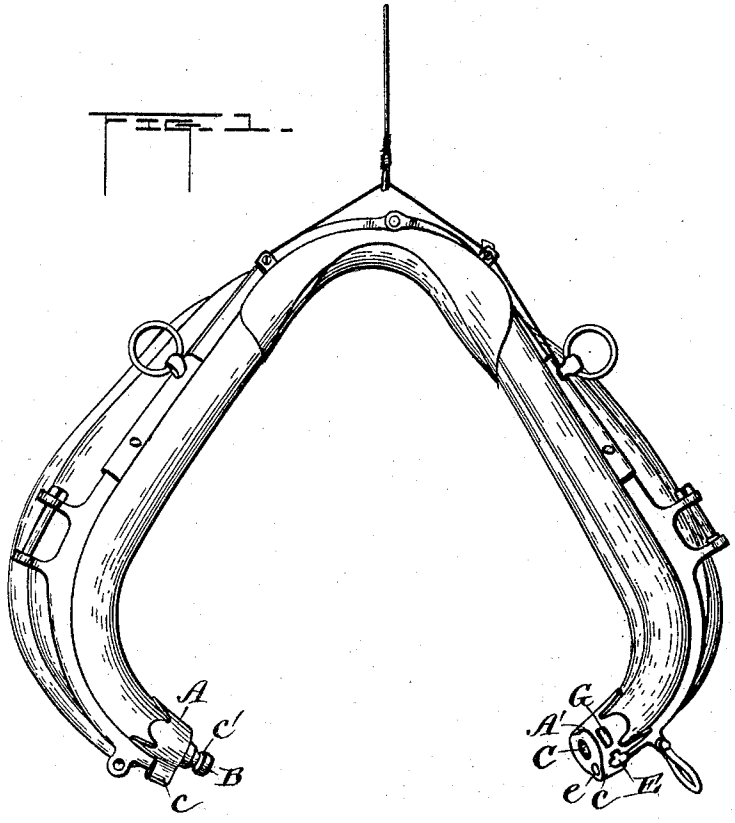
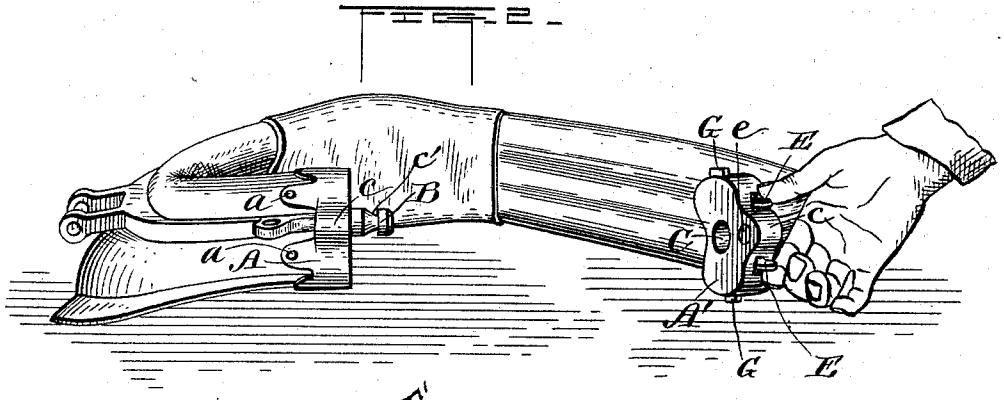
(No Model.)

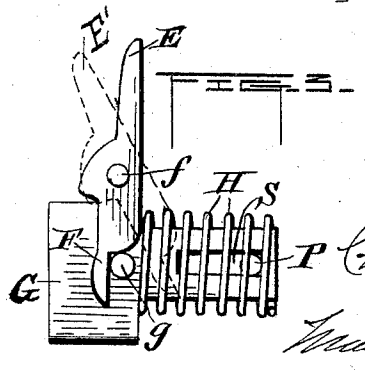
C. EVERITT.

COLLAR FASTENER.

No. 489,796. Patented Jan. 10, 1893.







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UNITED STATES PATENT OFFICE.

CHARLES EVERITT, OF OSHKOSH, WISCONSIN.

COLLAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 489,796, dated January 10, 1893.

Application filed October 7, 1892. Serial No. 448,140. (No model.)

To all whom it may concern:

Be it known that I, CHARLES EVERITT, a citizen of the United States, residing at Oshkosh, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in Collar-Couplings for Harnesses; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention is designed to facilitate rapid hitching and is particularly adapted to so-called "drop harness" where the collar and harness are suspended above the horse and dropped down in hitching, and it may be used for either single or double harness.

In the accompanying drawings, Figure 1 is a front elevation and Fig. 2 a perspective view of the collar and couplings. Fig. 3 is a detail view of the latch.

Similar letters refer to similar parts in each view.

The part A of the coupling is attached to one end of the collar and the part A′ to the other end by means of rivets or bolts *a a*; the hames may be attached to each part of the coupling by passing into an eye *c* formed in the same as shown in the drawings, or in any other manner; and my invention is adapted to any style of hames. In one form of construction I provide a slot at *e* for the passage of a strap attached to the hame, so that the hame may be attached by means of a strap and buckle.

Couplings have heretofore been used to lock the collar underneath but have been unreliable by reason of their tendency to unlock or shake apart; and the collar held together by a spring, the tension being at all times upon the spring.

In my invention I provide a double lock or latch with the spring separate from the latch so that the tension is at all times upon the latch and not upon the spring, the latch being merely held in position by the spring. The two latches are separate, either being sufficient to hold the coupling, and are unlocked by pushing the thumb pieces E E together with the thumb and forefinger as shown in the drawings.

When the collar is closed, the coupling locks automatically, the head B passing into the opening C and forcing each latch outward at first, until the two faces of the coupling meet, when the springs within the part A′ force the latches in, to engage the shoulder *c′* upon the head B.

Each latch is fitted into an opening in the part A′ and is removable therefrom, and consists of the thumb piece E (Fig. 3), pivoted at *f*, the opposite end F engaging a stud upon the latch bolt G, so that when the latch is moved to the position E′ the bolt G is forced in the opposite direction and compresses the spring H. The bolt G slides upon the guiding pin P, a longitudinal slot S being provided for that purpose. The head of the bolt G is beveled off and there is provided a corresponding incline upon the head B so that the device will latch automatically.

What I claim as my invention is:—

1. A collar fastening consisting of two parts A A′ adapted to be brought together and automatically locked, the part A being provided with a head having a shoulder and the part A′ provided with a socket and a spring latch, the latter comprising a bolt G, a pivoted thumb piece E which bears at its lower end against a stud on the bolt, and a spring which bears upon the bolt and holds it in a normally outward condition, substantially as described.

2. A collar fastening consisting of two parts A A′ adapted to be brought together and automatically locked, the part A being provided with a beveled head B having a shoulder *c′*, and the part A′ provided with a socket and spring latches, the latter adapted to engage the head on both sides, the latch comprising a shouldered bolt G provided with a longitudinal slot S and guided by a pin P, a pivoted thumb piece E which bears, near its lower end, against a stud *g* on the bolt, and a spring H which bears upon the bolt and holds it in a normally outward condition, substantially as described.

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

CHARLES EVERITT.

Witnesses:
J. C. HOWARD,
WM. ROCHE.