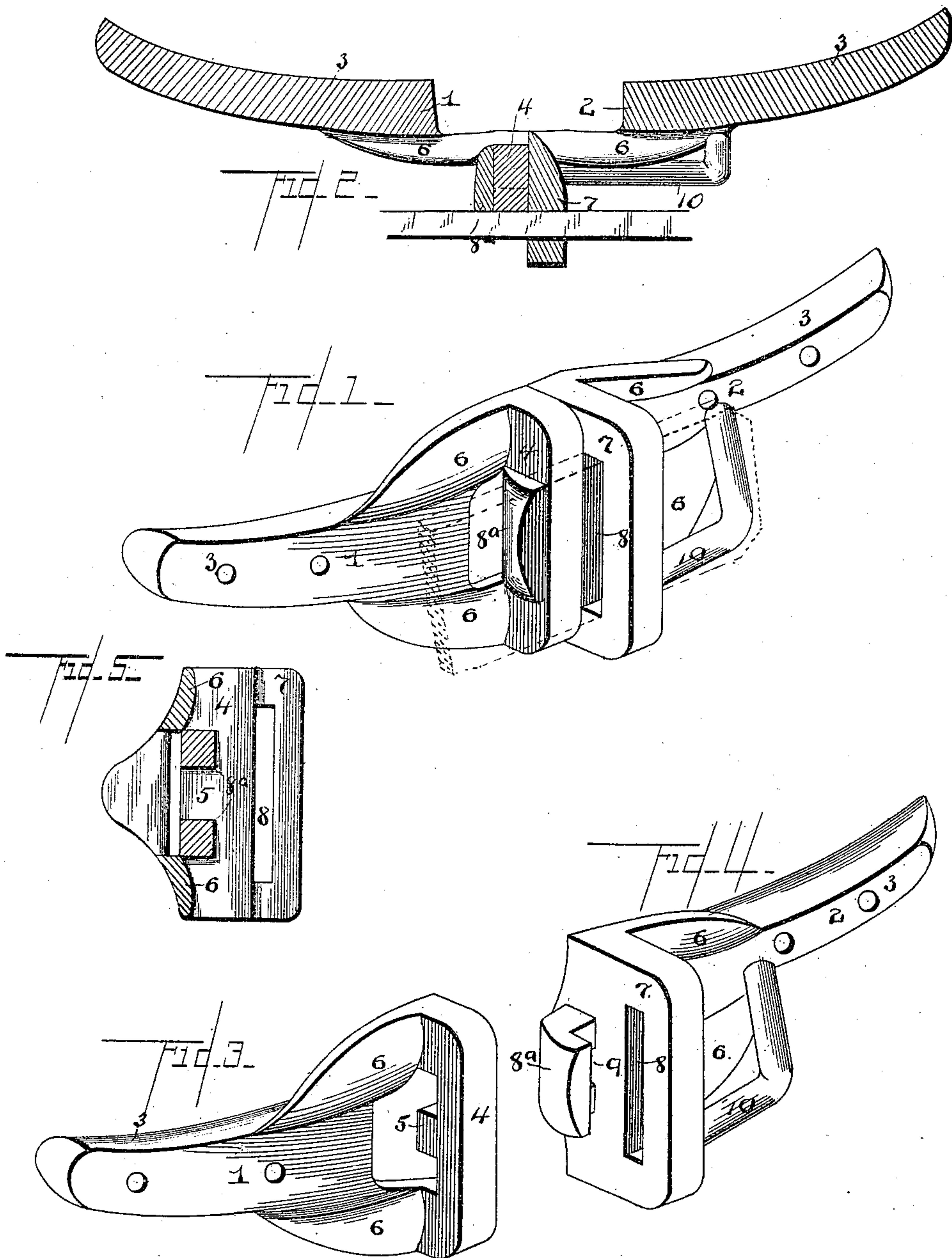


(No Model.)

C. E. WHITE.  
HORSE COLLAR FASTENER.

No. 459,824.

Patented Sept. 22, 1891.



Witnesses:

*H. J. Seitz*  
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By his Attorneys,

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# UNITED STATES PATENT OFFICE.

CHARLES E. WHITE, OF BURLINGTON, WISCONSIN.

## HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 459,824, dated September 22, 1891.

Application filed May 15, 1891. Serial No. 392,870. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES E. WHITE, a citizen of the United States, residing at Burlington, in the county of Racine and State of Wisconsin, have invented a new and useful Fastener for Horse-Collars, of which the following is a specification.

This invention relates to fasteners for horse-collars; and the objects in view are to provide a cheap and simple device adapted to be applied to the lower ends of a pair of collar-sections and to securely lock the same against accidental separation.

A further object of the invention is to construct the device so as to be locked by the hame-strap and to be of cheap, simple, and durable construction.

Other objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the claim.

Referring to the drawings, Figure 1 is a perspective of a fastener constructed in accordance with my invention. Fig. 2 is a vertical longitudinal section. Figs. 3 and 4 are details in perspective of the two sections separated. Fig. 5 is a cross-section with the parts in their locked position.

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

In practicing my invention I employ the two sections 1 and 2, each of which consists of the securing-plate 3, semicircular in cross-section, or, in other words, adapted to fit in the crease between the two rolls of the collar. These sections are perforated and screws passed therethrough into the collar-sections. The section 1 is provided at its inner end with a forwardly-disposed loop or keeper 4, slightly offset from the face of the securing-plate, so as to provide a space between the outer side of the lug and the inner end of the securing-plate, and upon the rear side of said keeper there is located a lug 5. The member 2 is provided at its inner end with a pair of oppositely-inclined inwardly-disposed fins or lugs 6, which extend slightly beyond the end of the securing-plate and terminate in and are connected by a forwardly-disposed transverse bar 7, provided near its forward edge

with a slot 8, which, when the members are in alignment, is flush with the front edge of the forwardly-disposed keeper 4 of the member 1. Below the slot the transverse bar 7 is provided with an inwardly-disposed L-shaped lug 8<sup>a</sup>, adapted to embrace the rear and inner sides of the keeper 4 of the member 1 and having in its base portion a rectangular opening 9, adapted to receive the lug 5 of the keeper 4 of the opposite member. The member 2 is also provided with a depending keeper 10, adapted to receive the martingale-strap. It will be observed that the inclined fins 6 with which the members are provided conform to the curved surfaces of the collar-rolls, while the securing-plates have their inner sides shaped to fit within the creases between the rolls.

In operation, in order to lock the collar it is simply necessary to bring the lower ends of the same together, and, springing that end of the collar having the member 2 inwardly and drawing the opposite member outwardly, so as to throw the two members out of alignment, introduce the L-shaped lug 8<sup>a</sup> over the rear edge of the keeper 4 and the lug 5 of said keeper into the opening of said lug. When in this position, the slot 8 of the cross-piece 7 of the member 2 will be in position to receive the end of the hame-strap 11. The hame-strap, it will be seen, serves to lock the members together, so that they cannot be separated without first a withdrawal of the strap from the slot. It will be observed that the construction of fastener is both simple and inexpensive, may be readily manufactured and applied, and easily fastened and unfastened.

Having described my invention, what I claim is—

The herein-described collar-fastener, consisting of the members 1 and 2, each provided with the inwardly-disposed inclined flanges or fins 6, the keeper 4, connecting the flanges of the member 1 and forwardly disposed at a right angle to said member, and provided upon its rear side with a lug 5, the cross-bar 7, connecting the flanges of the member 2, said cross-bar being wider than the keeper 4 and provided beyond said keeper with the slot 8

and in rear of the keeper with the L-shaped  
lug 8<sup>a</sup>, having the opening 9, said lug receiv-  
ing and embracing the keeper and the per-  
foration in the lug receiving the lug of the  
5 keeper, and the locking-strap passed over the  
keeper and through the slot 8, substantially  
as specified.

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

CHARLES E. WHITE.

Witnesses:

CHARLES C. PULVER,  
EDWARD E. MILLS.