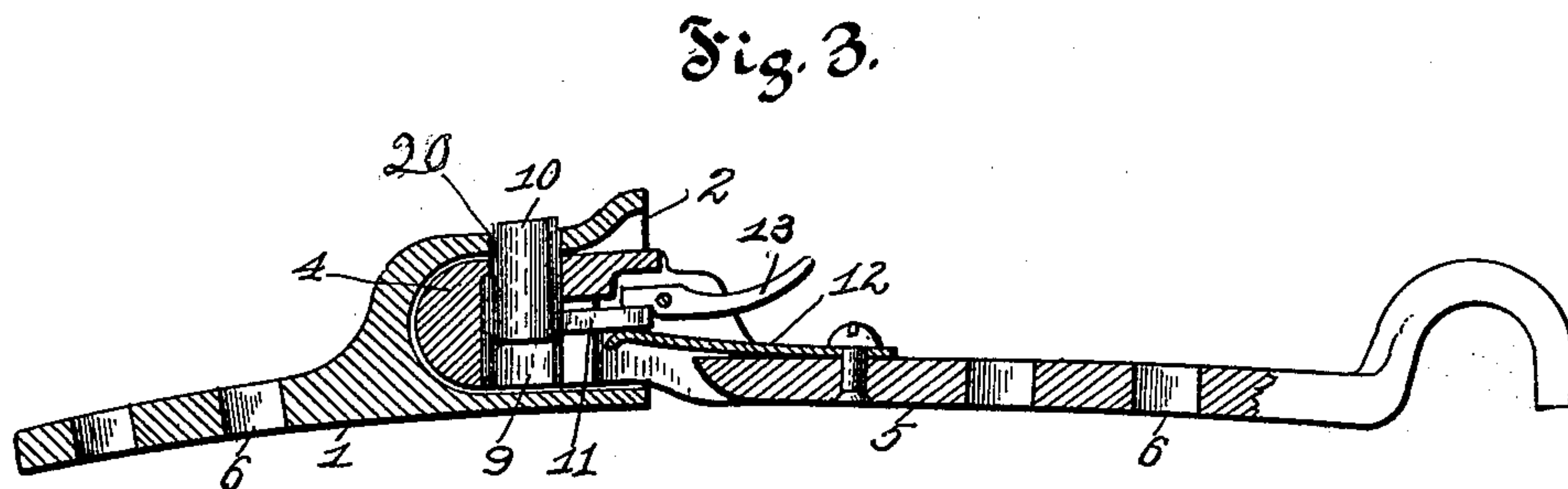
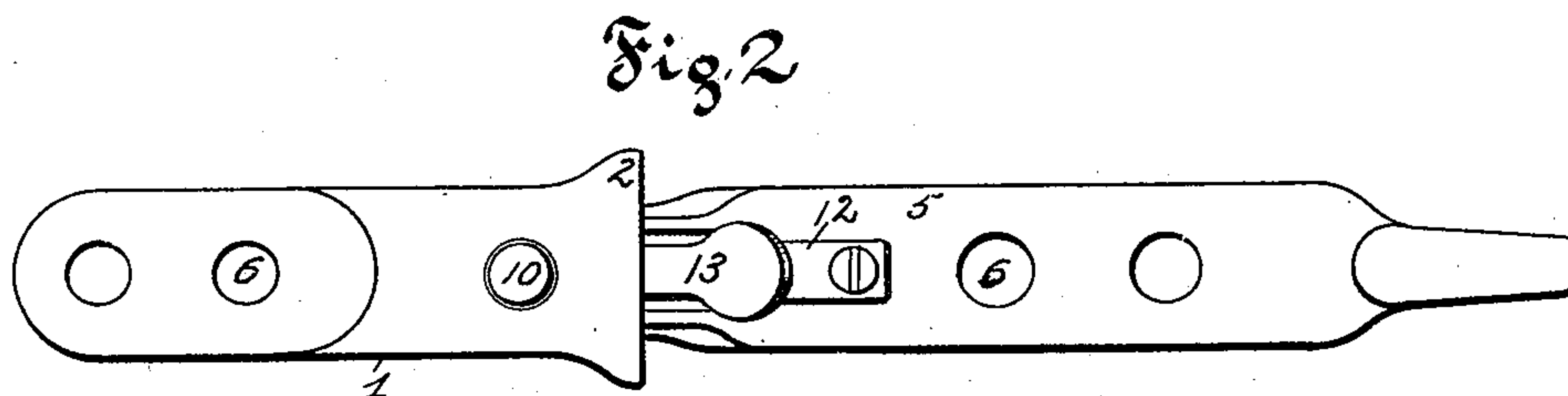
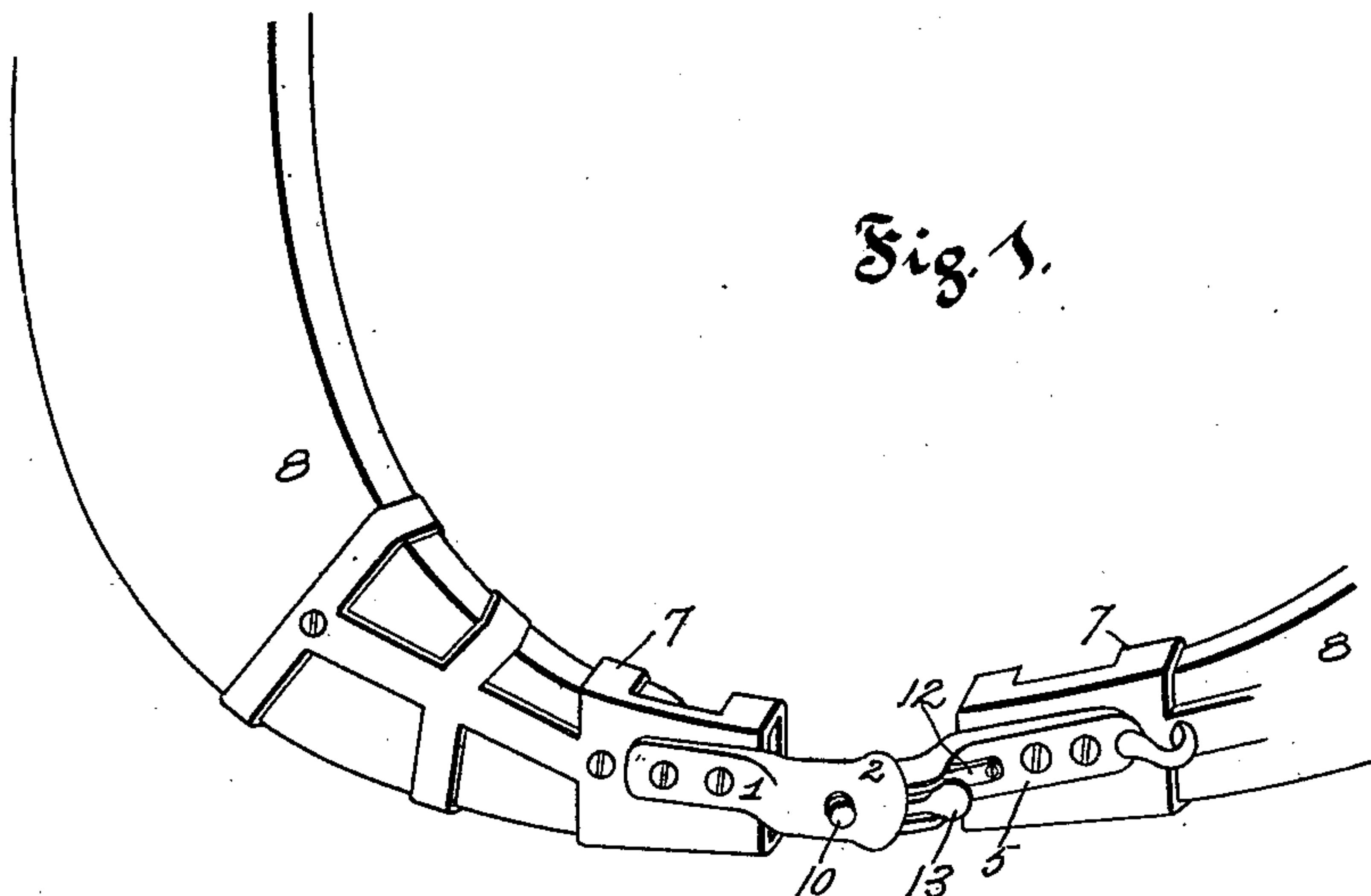


No. 667,289.

Patented Feb. 5, 1901.

C. BLOCK.  
HORSE COLLAR FASTENER.  
(Application filed June 30, 1900.)

(No Model.)



Witnesses,

*Ignatia Wiegner*  
*Anna Schopf*

*Carl Block*, Inventor.

By *Henry D. Brown* Atty.

# UNITED STATES PATENT OFFICE.

CARL BLOCK, OF ST. LOUIS, MISSOURI.

## HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 667,289, dated February 5, 1901.

Application filed June 30, 1900. Serial No. 22,157. (No model.)

*To all whom it may concern:*

Be it known that I, CARL BLOCK, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain  
5 new and useful Improvements in Horse-Collar Fasteners; 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  
10 use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in  
15 a horse-collar fasteners; and it consists in the novel arrangement, construction, and combination of parts, as will be more fully hereinafter described, and set forth in the claims.

One object of this invention is to construct  
20 a fastener to be secured to the collar after it is completed and which can be adjusted and regulated at will to any size of neck.

Another object is to improve the manner in which the fastener is secured to the wood  
25 frame of the collar, and another the manner in which the fastener is released or uncoupled by an upward pressure of the thumb or finger.

Figure 1 is a perspective view of the lower  
30 front portion of the two lower collar ends with my complete invention applied thereto. Fig. 2 is an enlarged elevation of the members of the locking device. Fig. 3 is a sectional view of the same, showing the manner in which they  
35 are coupled.

In the construction of the device as shown I provide a suitable member 1, having formed in its one end a flaring socket 2, in which the end 4 of the other member 5 may be inserted,  
40 and the outer side of this socket has an eye 20. Both members 1 and 5 are provided with apertures 6, through which bolts or screws are passed, whereby they are removably secured to the frame-pieces 7, which are of metal  
45 and have lateral straps bound or clapped around the collar ends 8. The purpose of the frame 7 is to support the locking members and also to prevent the wooden-collar ends from splitting. The apertures in the members are  
50 so arranged as to correspond with like apertures in the frame-pieces 7. Within the end of 4 of the member 5 is a bore 9, in which is carried a plug 10, its upper surface slightly beveled to allow the same to be automatically  
55 pressed inward when inserted in the socket.

After reaching proper position the tip of this plug engages the eye 20, as seen in Fig. 3. Integral with the plug is an arm 11, extending at right angles thereto and resting upon a leaf-spring 12, which is secured to the mem- 60  
ber 5 to normally keep said plug in a raised position. Within the casting is pivotally mounted a lever 13, its one end contacting with the upper surface of the arm 11, to lower the  
65 plug 10 when the free end of the lever is pressed upwardly. The purpose of arranging the lever as described is to prevent the lock from becoming opened when a downward or inward pressure is brought upon the lever. The lock as constructed can only be opened 70  
by raising up the free end of the lever by the use of the finger or thumb.

The device is simple in construction and is arranged to be attached to a completed collar, whereas heretofore the fastening devices 75  
had to be secured to the collar before it was finished.

Having thus described my invention, what I claim as new, and desire to secure by Letters 80  
Patent, is—

1. In a horse-collar fastener, the combination with the collar ends, and the two members respectively connected therewith and one of them having a flaring socket with an eye in one side; of a transversely-movable plug 85  
in the other member, a spring throwing it normally outward to engage said eye, and a pivoted lever so connected with the plug that the outward movement of its free end causes the retraction of the plug and hence the disen- 90  
gagement of the members, as and for the purpose set forth.

2. In a horse-collar fastener, the combination with one member having a flaring socket and an eye in one side; of the other member 95  
having its outer end shaped to enter the socket and provided with a transverse bore, a plug located within the latter and having a lateral arm, a spring bearing on the arm to throw the plug normally outward, and a lever pivoted 100  
between its ends within this member with one extremity resting on said arm and the other movable outward to draw the plug inward, as and for the purpose set forth.

In testimony whereof I affix my signature 105  
in presence of two witnesses.

CARL BLOCK.

Witnesses:

VINCENT RAPP, Jr.,  
GEO. A. BANTIO.