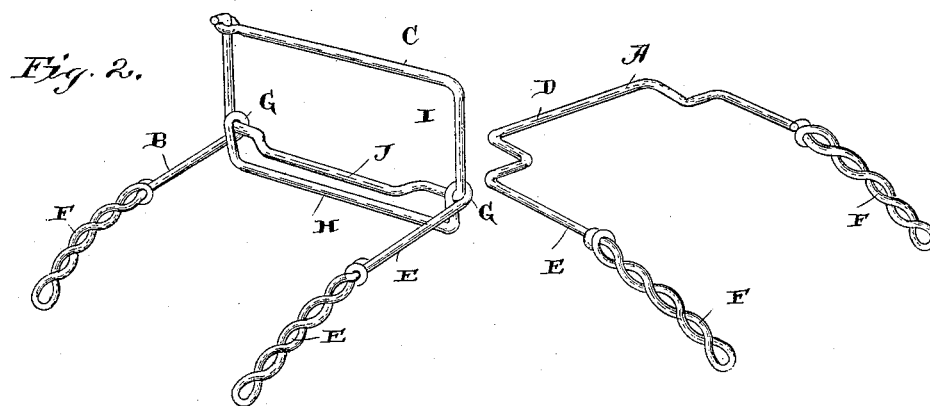
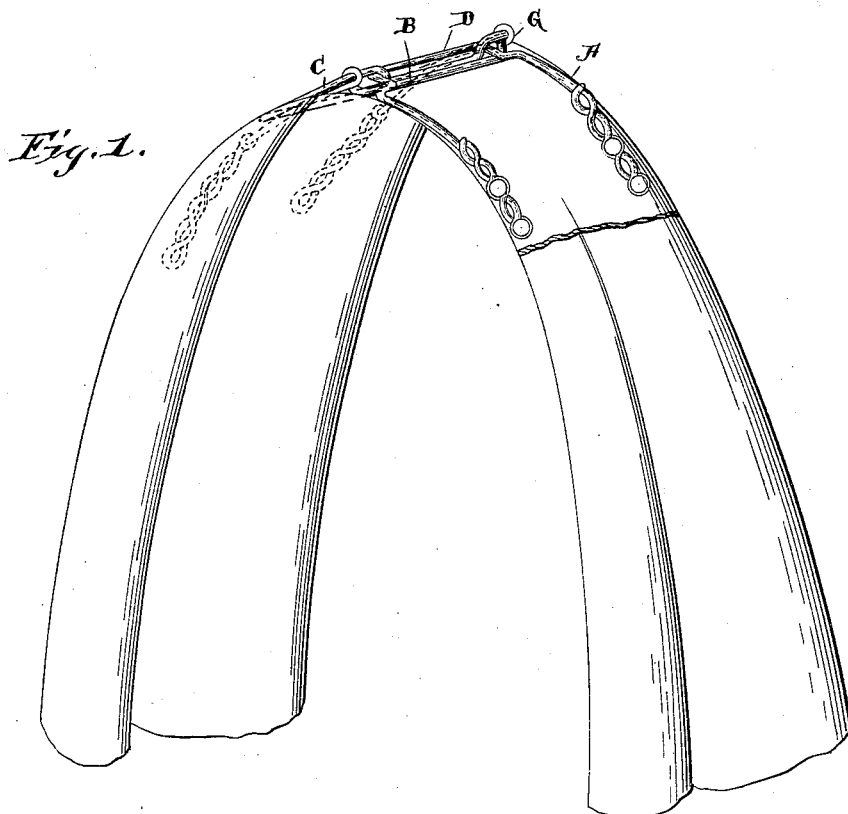


(No Model.)

A. T. OSBRON.  
HORSE COLLAR FASTENER.

No. 493,513.

Patented Mar. 14, 1893.



WITNESSES—

*Geo. C. French.*

*Robt. A. Fitzgerald.*

INVENTOR—

*A. T. Osbron,*

*Lehman Patterson & Nesbit—*  
*attys.*

# UNITED STATES PATENT OFFICE.

ANDREW THOMAS OSBRON, OF WILLOW SPRINGS, MISSOURI.

## HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 493,513, dated March 14, 1893.

Application filed June 29, 1892. Serial No. 438,428. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW THOMAS OSBRON, of Willow Springs, in the county of Howell and State of Missouri, have invented certain new and useful Improvements in Horse-Collar Fasteners; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in horse collar fasteners: and it consists in the novel features of construction, and in the combination and arrangement of parts which will be fully described hereinafter, and more specially referred to in the claims.

The object of my invention is to provide a most simple and cheap and durable collar fastener which is automatic in its operation of coupling and which holds the collar ends most securely together.

Referring to the accompanying drawings,—Figure 1, is a perspective view of a collar provided with my improved fastener. Fig. 2, is a detached view of the same.

The fastener is made entirely of wire and consists of the two permanent sections A, and B, which are secured to the respective collar ends and the pivoted latch C which is mounted on the latter section B. The section A, is so formed or looped as to constitute in its bend the projecting portion D. The rearwardly extending arms E, of the section, as well as those of the section A, are turned backward upon themselves and braided or twisted to form the bolt or rivet passages F, whereby they are most securely fastened to the collar ends. The loop section B, is coiled on opposite sides as shown at G, the portion of the wire between the coils being depressed as shown at H. Adapted to turn in the coils G, across the front of the section B, is the angular frame I. The side of this frame between the coils G, is bulged or projected downward as shown at J, so as to depend below the bar H of the section B.

In operation the projecting portion D, of the section A, is projected into the section B, above the bar H, of the latter and below the downwardly bulged bar J, of the latch.

After the end D, of the section A, has been inserted past the portion J, of the latch the latter drops behind the bar D, of the section A, and holds it securely in place and connected with the adjacent fastener section. For disconnecting the sections all that is necessary is to turn upward the outer end of the latch when the bar D, will be disengaged by the latch and allowed to retract thus disengaging the sections of the collar fastener.

The device is most simple in construction, being formed entirely of wire, and may be manufactured at a very small cost.

Having thus described my invention, I claim—

1. A collar fastener comprising two sections secured to opposite ends of the collar, a latch pivoted to one of the sections, a bulge on one edge of the latch, and a loop on the other fastener section which the said bulge is adapted to engage when the latch is turned, substantially as shown and described.

2. The combination of fastener sections formed of wire having rearwardly extending securing arms, coils G on opposite sides of one of the sections, a latch extending across the end of said section and confined in said coils, a bulge on the latch and a loop on the adjacent fastener section which is adapted to extend beneath said latch and into which loop the said bulge extends when the latch is turned in the coils G, substantially as shown and described.

3. The combination of fastener sections formed of wire, the ends of which being extended rearward to form securing arms, coils G at the ends of the arms of one of the sections, bar H connecting the coils, an angular wire frame secured at its lower side in said coils, outwardly extending bulge J on said lower side, and a loop on the adjacent fastener section adapted to extend between the bar H and the lower side of the wire frame which is engaged by the bulge J, when the said frame is turned down, substantially as shown and described.

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

ANDREW THOMAS OSBRON.

Witnesses:

J. R. BREWER,

HENRY P. COLEMAN.