

No. 833,876.

PATENTED OCT. 23, 1906.

F. J. FISK.
TRACE HOLDER.
APPLICATION FILED SEPT. 14, 1905.

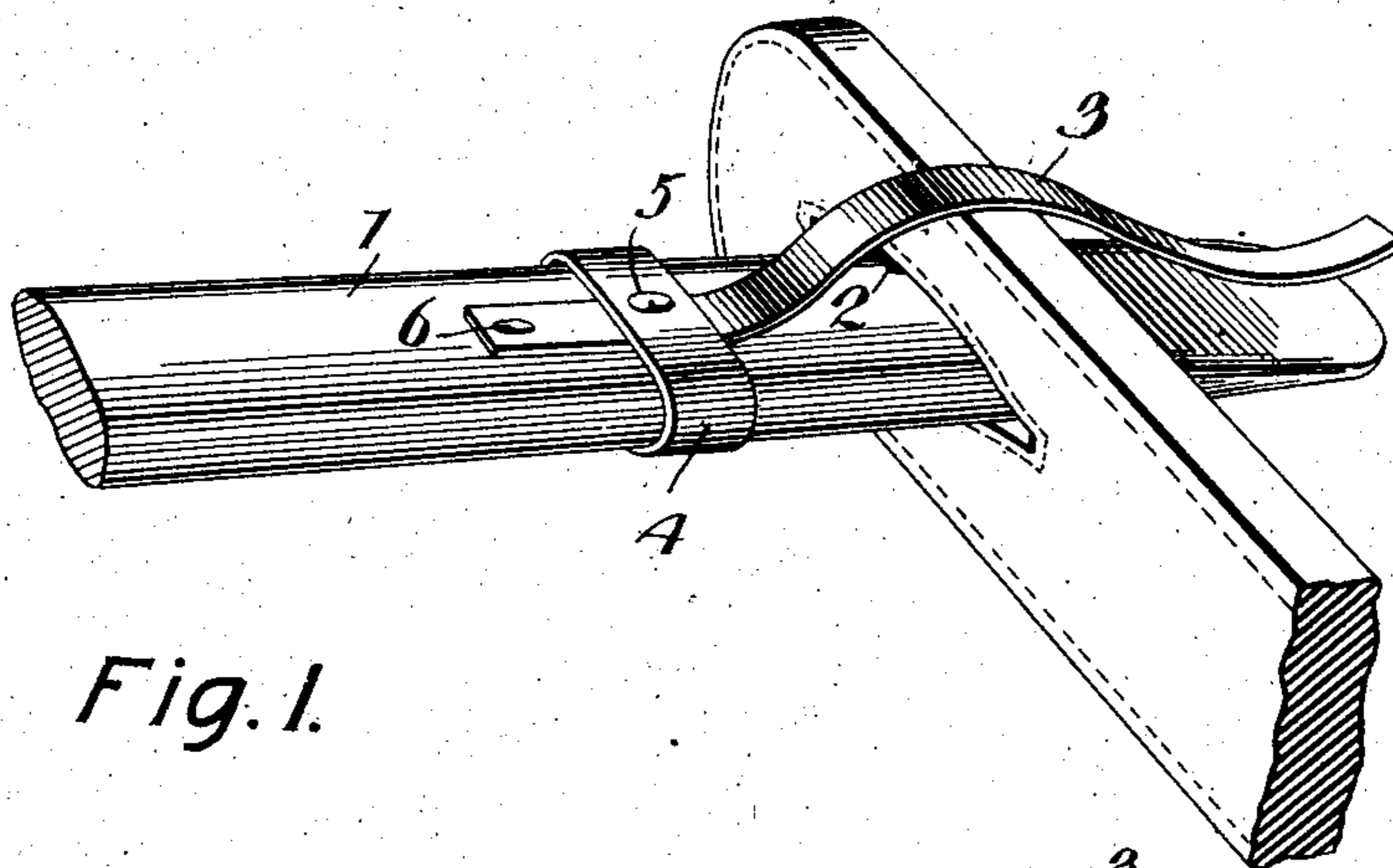


Fig. 1.

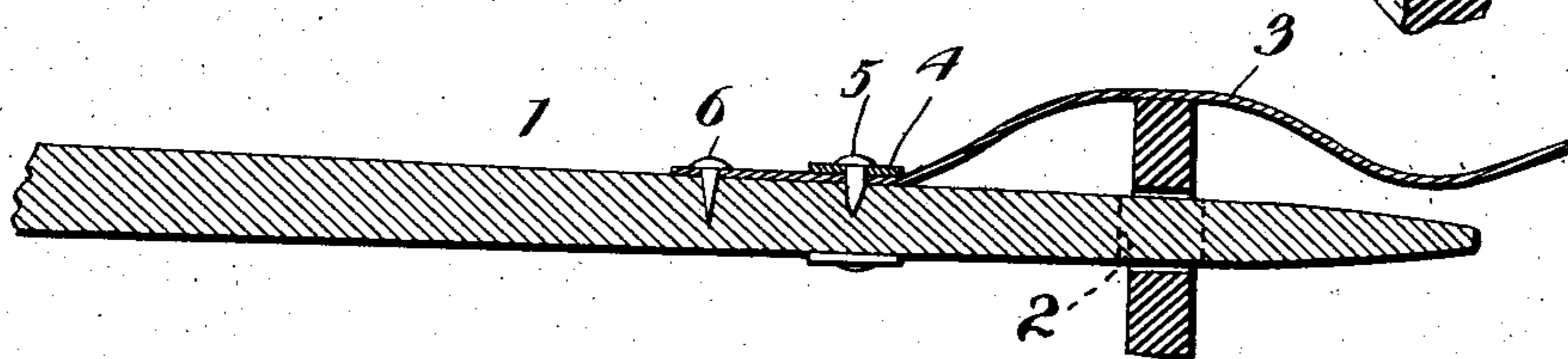


Fig. 2.

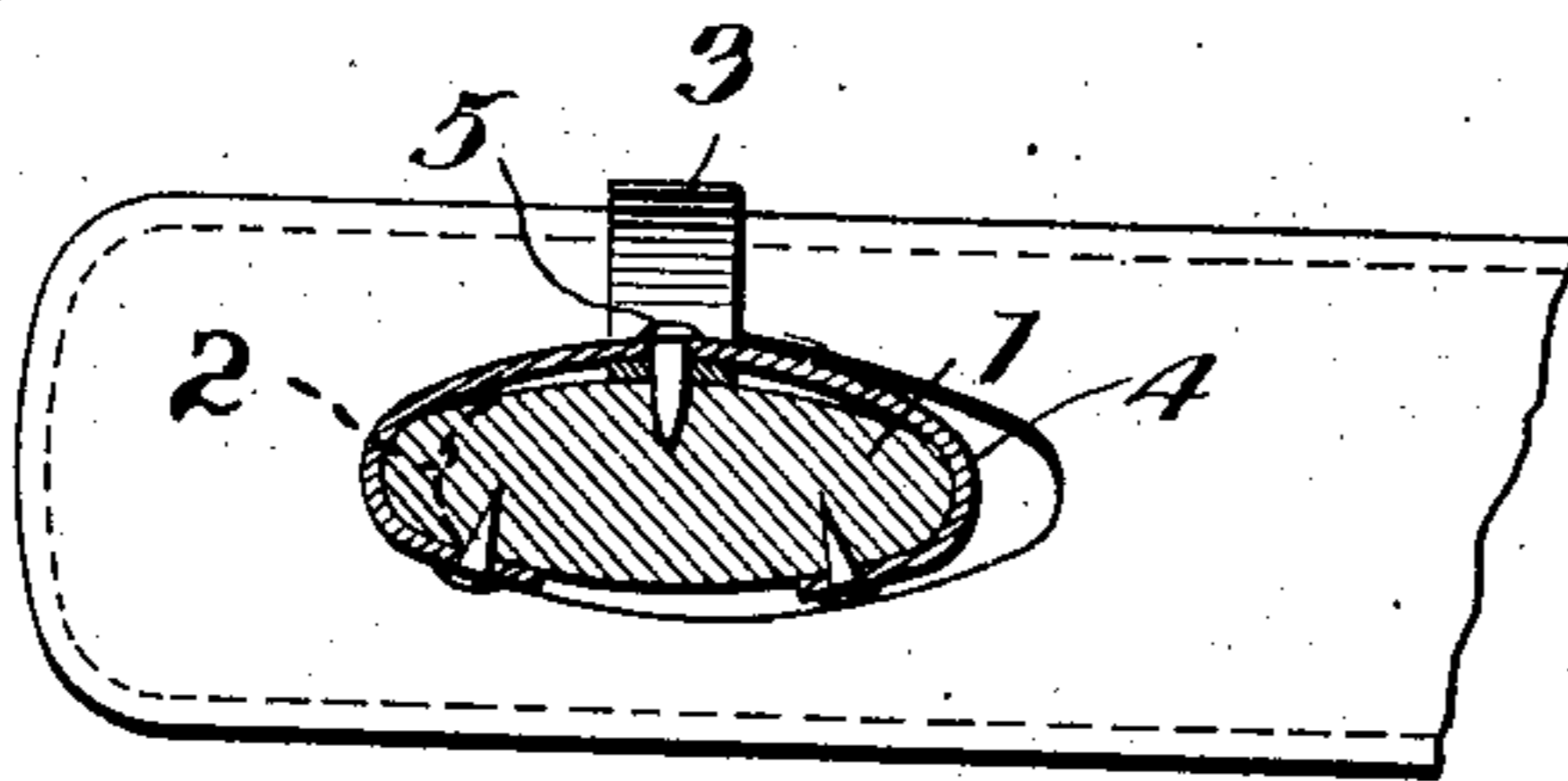


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

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TRACE-HOLDER.

No. 833,876.

Specification of Letters Patent.

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Application filed September 14, 1905. Serial No. 278,510.

To all whom it may concern:

Be it known that I, FRED J. FISK, a citizen of the United States, residing at Hallstead, in the county of Susquehanna and State of Pennsylvania, have invented certain new and useful Improvements in Trace-Holders; 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.

This invention relates to improvements in trace-holders.

The object of the invention is to provide a device of this character whereby a trace may be securely held on the end of a swingletree, said device being so constructed as to enable the trace to be quickly and easily attached to or connected with the swingletree.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of one end of the swingletree, showing the application of the invention. Fig. 2 is a longitudinal vertical sectional view of the same, and Fig. 3 is a cross-sectional view taken through the retaining-band of the trace-holding clip.

Referring more particularly to the drawings, 1 denotes a swingletree, in the rear side of which adjacent to the ends thereof is formed a notch or recess 2. The holding device consists of a curved spring-metal tongue 3, which is arranged on the upper side of a swingletree at each end of the same, the end of said tongue projecting a short distance beyond the end of the swingletree, as shown. The inner end of the tongue is secured to the upper side of the swingletree by means of a metallic band or clip 4, arranged on the swingletree over the tongue 4, near the inner end of the same. The ends of said clip are secured to the under side of the swingletree by means of screws or other fastening devices, and through the upper side of said clip and the tongue 3 and into the swingletree is passed a screw or other fastening device 5. Through the inner end of the spring-tongue and into the swingletree is also inserted a screw or other fastening device 6. By thus securing the inner end of the spring-tongue the same is held against lateral or pivotal

movement and is firmly attached to the swingletree. The screw or bolt 5, which passes through said tongue and the clip 4, serves to hold said clip, as well as to assist in holding the end of the tongue.

By arranging the tongue to project beyond the end of the swingletree an operating-finger is provided which when the trace is to be attached to the end of the swingletree is engaged by the edge of said trace and lifted thereby until the eye in the end of the trace is opposite the end of the swingletree, at which time the trace is pushed onto the end of the swingletree and into engagement with the notch 2, in which position it is securely held by the spring-tongue. This arrangement of the fastening device permits the trace to be quickly and easily attached to the swingletree, and owing to the yielding or spring construction of the tongue the trace may be readily disengaged from the end of the swingletree in case of the falling of the horse or on account of other accidents necessitating the quick unhitching of the animal.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

A trace-holder comprising a curved spring-metal tongue having its outer end projecting beyond the end of the swingletree, a retaining-band arranged on the swingletree adjacent to and around the inner end of said tongue, a fastening device passed through said band and tongue and into said swingletree, and a similar fastening device passed through the inner end of the spring-tongue and into the swingletree, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FRED J. FISK.

Witnesses:

L. E. TIFFANY,
W. D. WHEATON.