

(No Model.)

J. GIBBONS.
ROPE END FASTENER.

No. 286,807.

Patented Oct. 16, 1883.

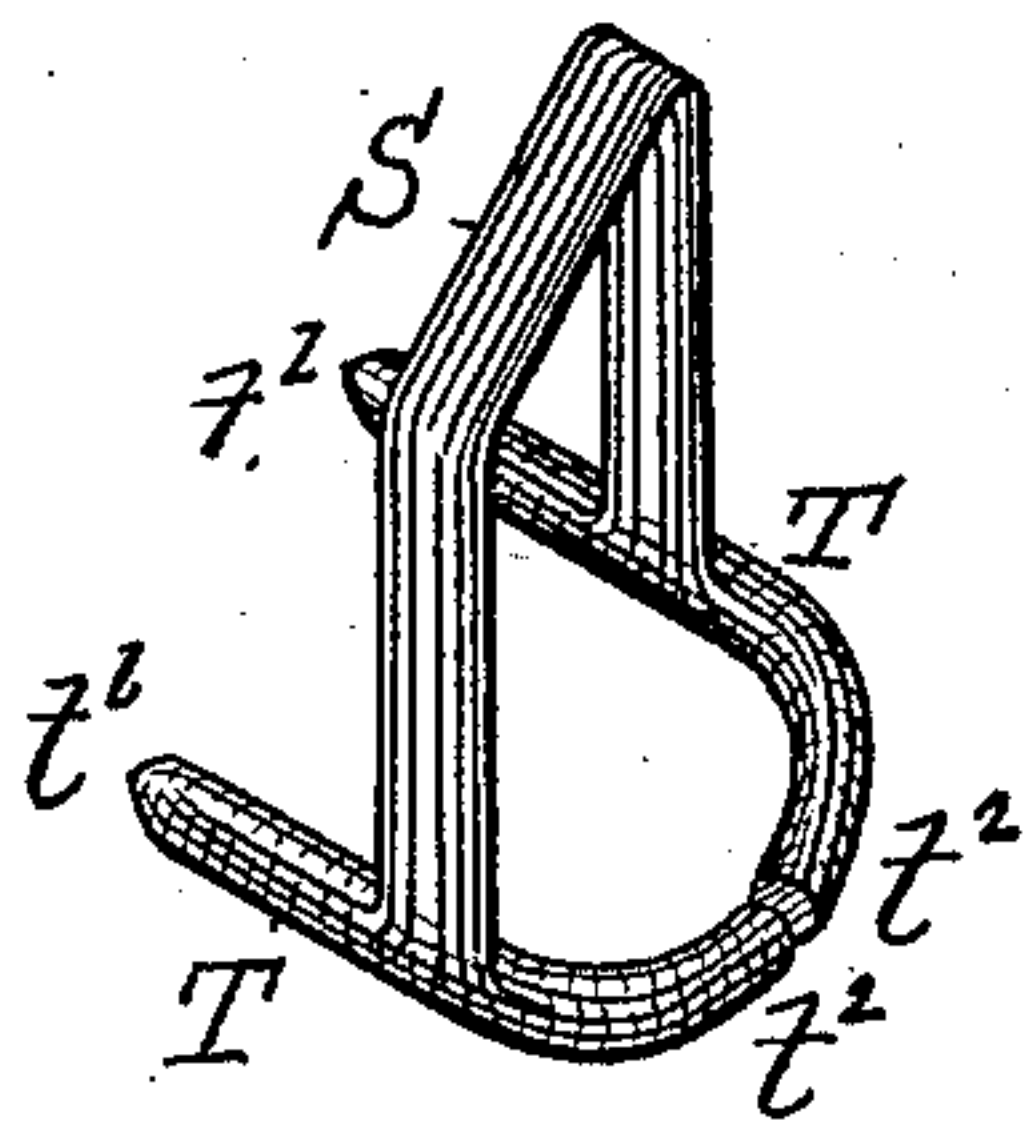


Fig. 1.

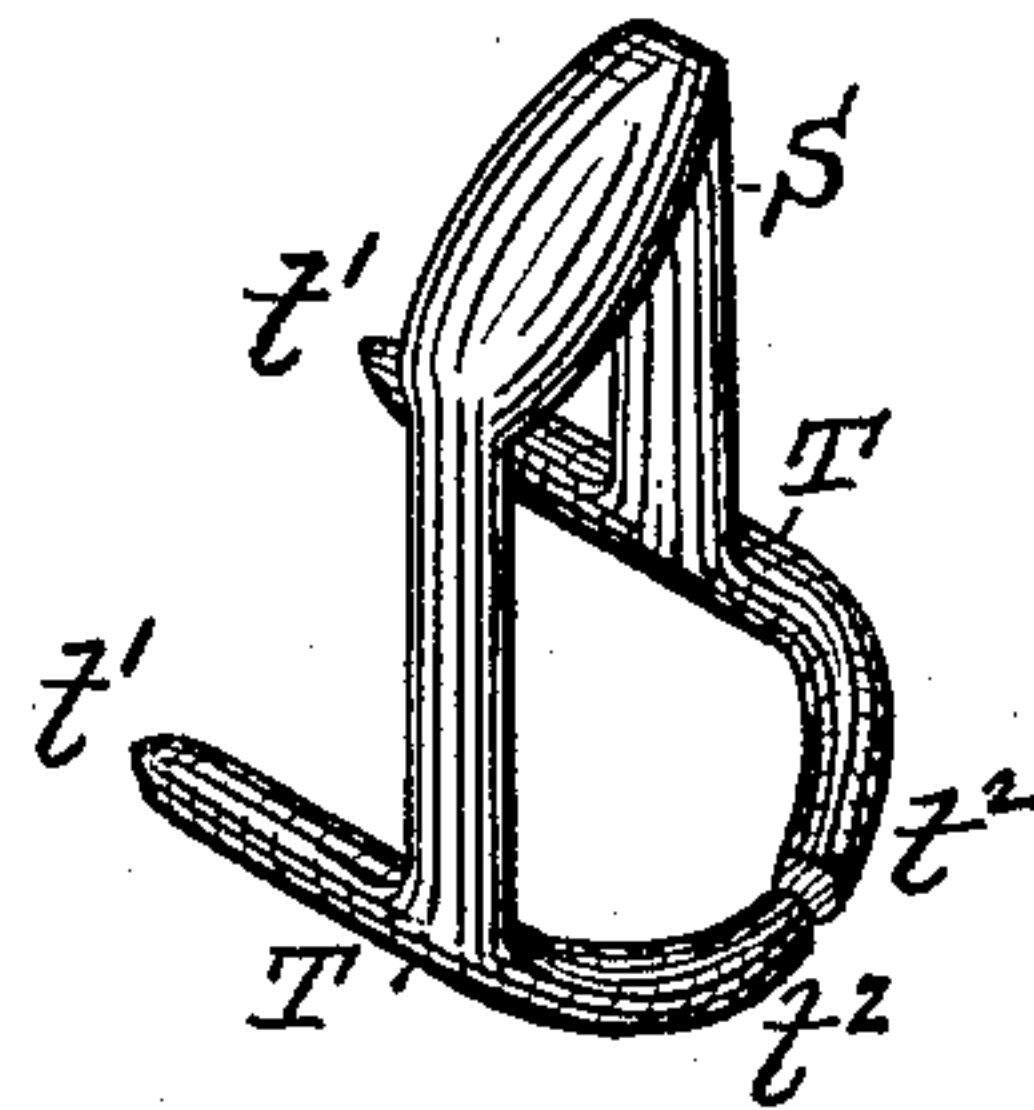


Fig. 2.

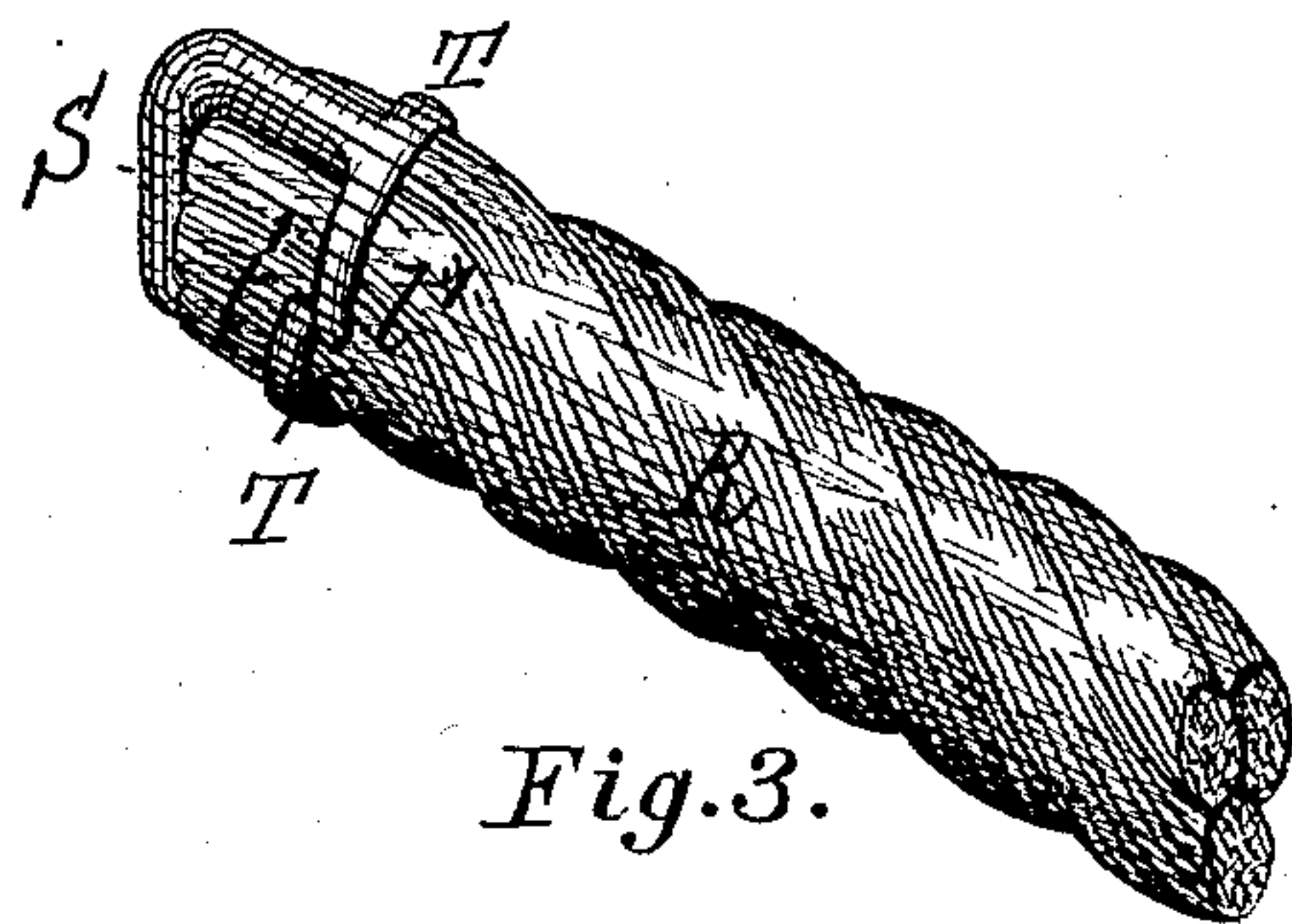


Fig. 3.

Witnesses:

W. C. Buell
Charles S. Brintnall

Inventor:

John Gibbons
by W. E. Hagan
his atty.

UNITED STATES PATENT OFFICE.

JOHN GIBBONS, OF WEST TROY, NEW YORK, ASSIGNOR TO THE UNION
HARDWARE MANUFACTURING COMPANY, OF SAME PLACE.

ROPE-END FASTENER.

SPECIFICATION forming part of Letters Patent No. 286,807, dated October 16, 1883.

Application filed June 4, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN GIBBONS, of the village of West Troy, county of Albany, and State of New York, have invented a new and useful Improvement in Rope-End Fasteners, of which the following is a specification.

My invention relates to that class of devices which are attached to the tether ends of the ropes from which halters are made, and also to such other similar articles as require some attachment to prevent the cut ends of the rope from which they are made from untwisting and brooming out.

My invention consists, as will hereinafter be more fully detailed, in the combination, with a metallic end strap made to pass over the cut end of the rope and along the sides of the latter, near its end, of tangs attached to and at right angles to the ends of the strap, which tangs are adapted to be bent around the rope to secure the fastener to the rope and the end of the latter within the device.

In the accompanying drawings, forming a part of this specification, there are shown three figures illustrating my invention, and in all of which the same designation of parts by letter-reference is used.

Figure 1 shows a perspective of my invention with the device as made for attachment. Fig. 2 shows another perspective of my fastener, in which the strap, where in contact with the end of the rope, is widened out. Fig. 3 shows in a perspective the fastener attached to the end of the rope, with the tangs driven in and bent around the rope, the tangs on both of the opposite sides of the rope being secured in the same manner as that shown in this illustration.

The several parts of the fastener are designated by letter-reference and their function explained as follows:

The letter S indicates the strap, and T T the

tangs. The clinching ends of the tangs are designated at t' t'' , and the rope at R. The parts of the fastener all are made, preferably, in one casting of malleable metal, and the device is attached to the rope end by inserting the latter between the sides of the strap, with the end of the rope in contact with the interior surface of the bent end of the strap, and there secured by driving in and bending around the rope the tangs T T. The tang ends t' are shown as being straight, and those indicated at t'' as curved, and, if desired, both the ends of each tang may be made straight or curved before attachment. Where the tangs at one side or both sides are made straight, they admit of the sidewise passage of the rope into the device. When both are curved, then the rope end is passed into the device endwise. As thus made and applied, the device produces a simple and efficient means for securing the cut end of a twisted rope, so as to prevent its becoming untwisted or broomed out.

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

In a rope-end fastener, the combination of the strap S, adapted to pass over the end of the rope and along its sides, near the end of the latter, with the tangs T T, attached to the ends of the strap, and adapted to be bent into and around the rope inclosed by the strap, in the manner and for the purposes herein set forth.

Signed at Troy, New York, this 22d day of May, 1883, and in the presence of the two witnesses whose names are hereto annexed.

JOHN GIBBONS.

Witnesses:

CHARLES S. BRINTNALL,
WILLIAM C. BUELL.