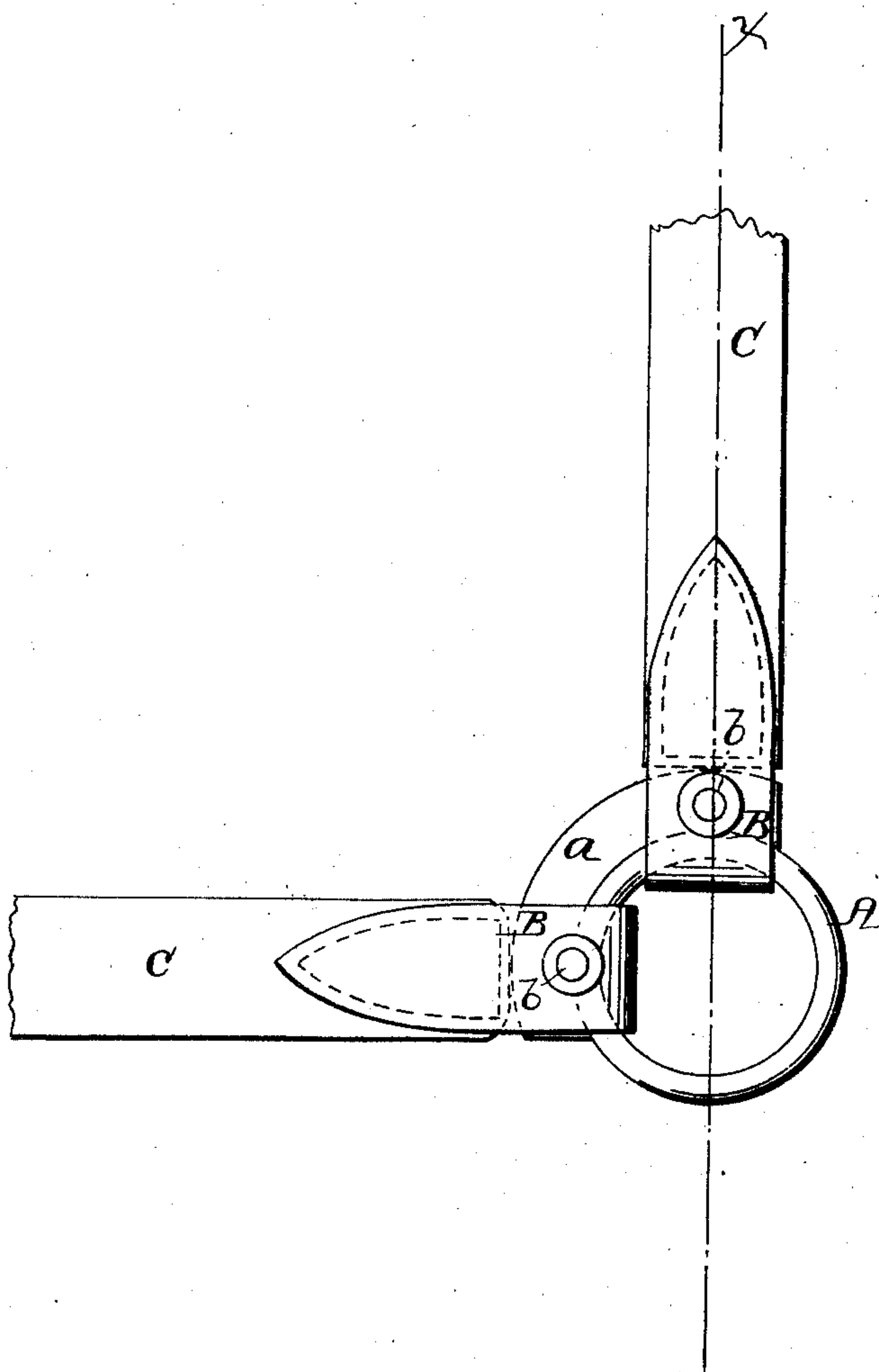
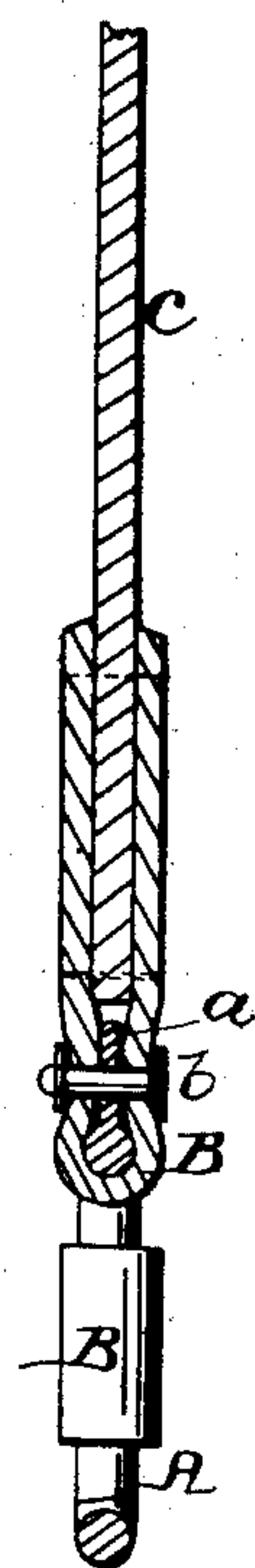


S. C. Hawkins,
Halter Ring,
No 21,674, *Patented Oct. 5, 1858.*

Fig; 1.



Fig; 2.



UNITED STATES PATENT OFFICE.

SAMUEL C. HAWKINS, OF PATCHOGUE, NEW YORK.

HALTER AND BRIDLE FOR HORSES.

Specification of Letters Patent No. 21,674, dated October 5, 1858.

To all whom it may concern:

Be it known that I, SAMUEL C. HAWKINS, of Patchogue, in the county of Suffolk and State of New York, have invented a new and useful Improvement in Horse Halters or Bridles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a side view of my invention attached to a halter or bridle. Fig. 2, is a section of ditto, taken in the line *x, x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

This invention consists in having a flanch cast or formed on the ring of the halter so that the straps may be riveted and permanently secured thereto, and prevented from slipping on the ring, the halter or bridle being thereby rendered far more durable than those constructed in the ordinary way.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents the halter ring which may be of cast metal, with a flanch *a*, thereon. This flanch projects around rather more than one quarter the circumference of the ring but is somewhat less in thickness than the ring, as shown clearly in Fig. 2.

B, B, are leather straps which are passed through the ring A, doubled and secured to the ring by rivets *b*, which pass through the flanch *a*, one near each end, holes being allowed in the flanch for the rivets to pass through. The nebs *c, c*, of the halter are secured to the straps B, B, by being stitched between them, as shown clearly in Fig. 2,

one neb being at right angles to the other as shown clearly in Fig. 1.

Malleable cast iron would probably be the best material for the ring, and the flanch and ring may be cast together.

The usual ring is not provided with any flanch, but a leather stay connects the straps B, B. This stay is a very imperfect protection as it cannot effectually prevent the straps from sliding on the ring and the straps consequently soon wear. The straps also by being secured to the ring by stitching are liable to become detached, the threads being liable to break, and as the ends of the leather stays are necessarily secured at points where the webs are attached to the straps, the stay is much weakened by the stitches. By my improvement these difficulties are obviated. The rivets *b*, permanently secure the straps B, B, to the ring preventing any movement of the straps on the ring and consequent wear and at the same time securing them firmly to it.

I do not claim simply attaching the straps to the ring by rivets, because straps have been previously attached for similar or analogous purposes; but

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

Forming the ring A, with a flanch *a*, and securing the straps B, to the ring by rivets *b*, which pass through the straps and flanch substantially as and for the purpose specified.

SAML. C. HAWKINS.

Witnesses:

R. JENNINGS, Jr.,

GEORGE TEAL.