

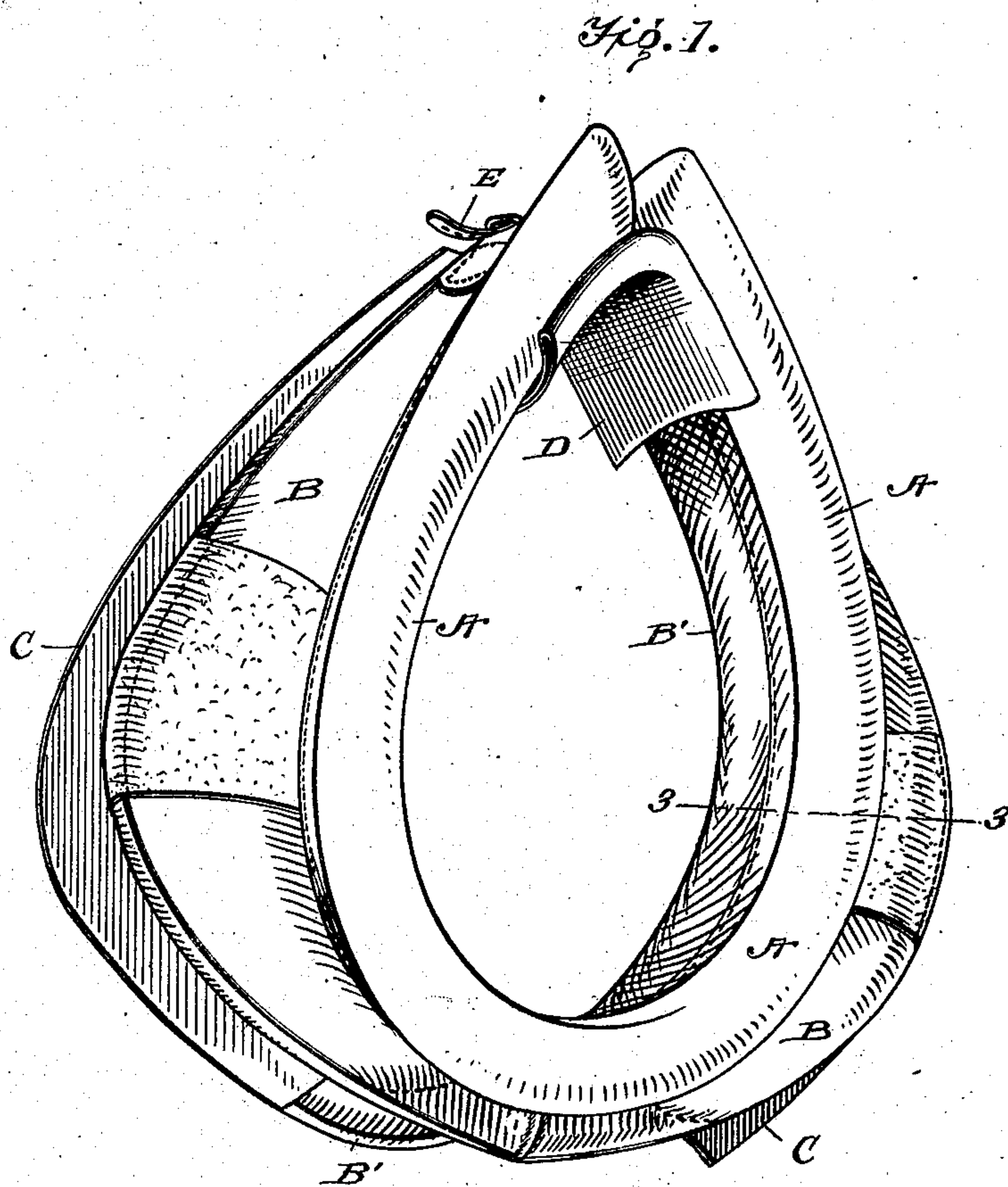
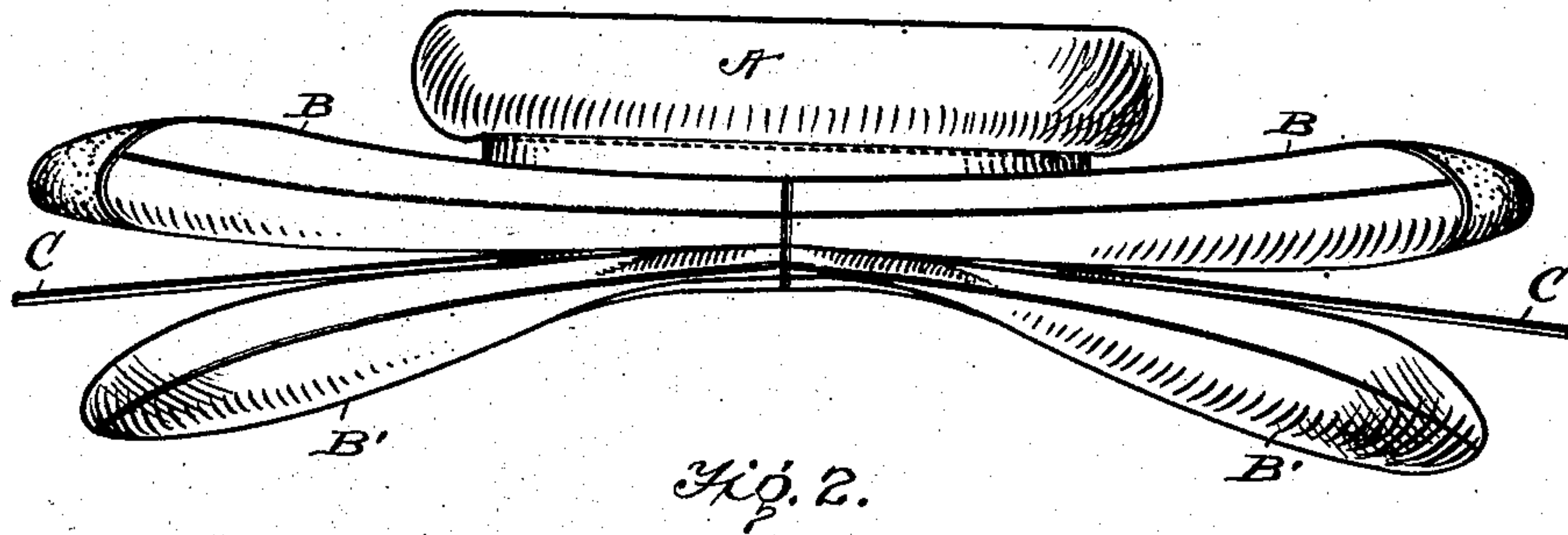
No. 894,631.

T. G. HADAWAY.
HORSE COLLAR.

PATENTED JULY 28, 1908.

APPLICATION FILED JAN. 7, 1908.

2 SHEETS—SHEET 1.



WITNESSES

L. H. Schmidt
Amos W. Park

INVENTOR

THOMAS G. HADAWAY,

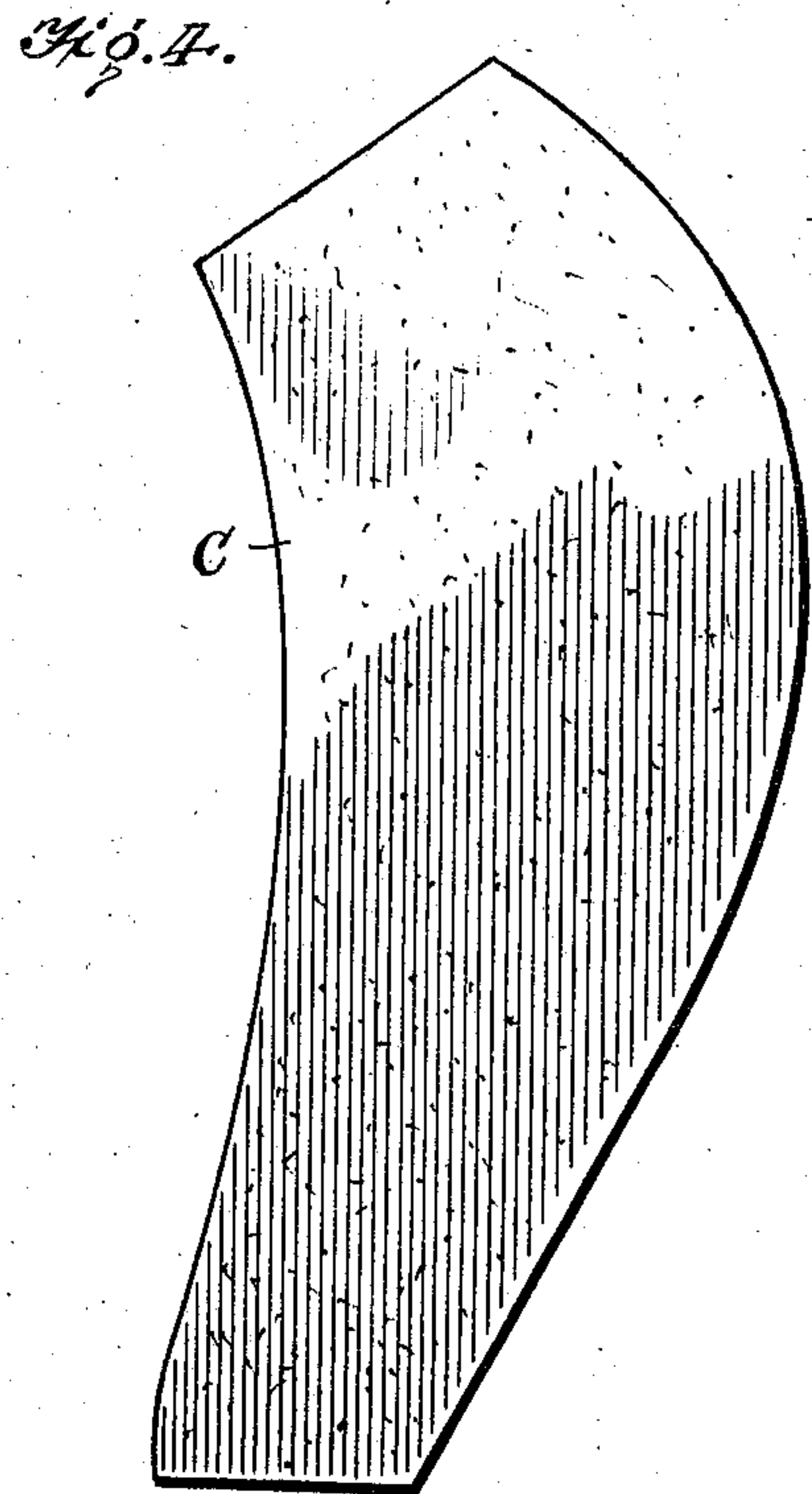
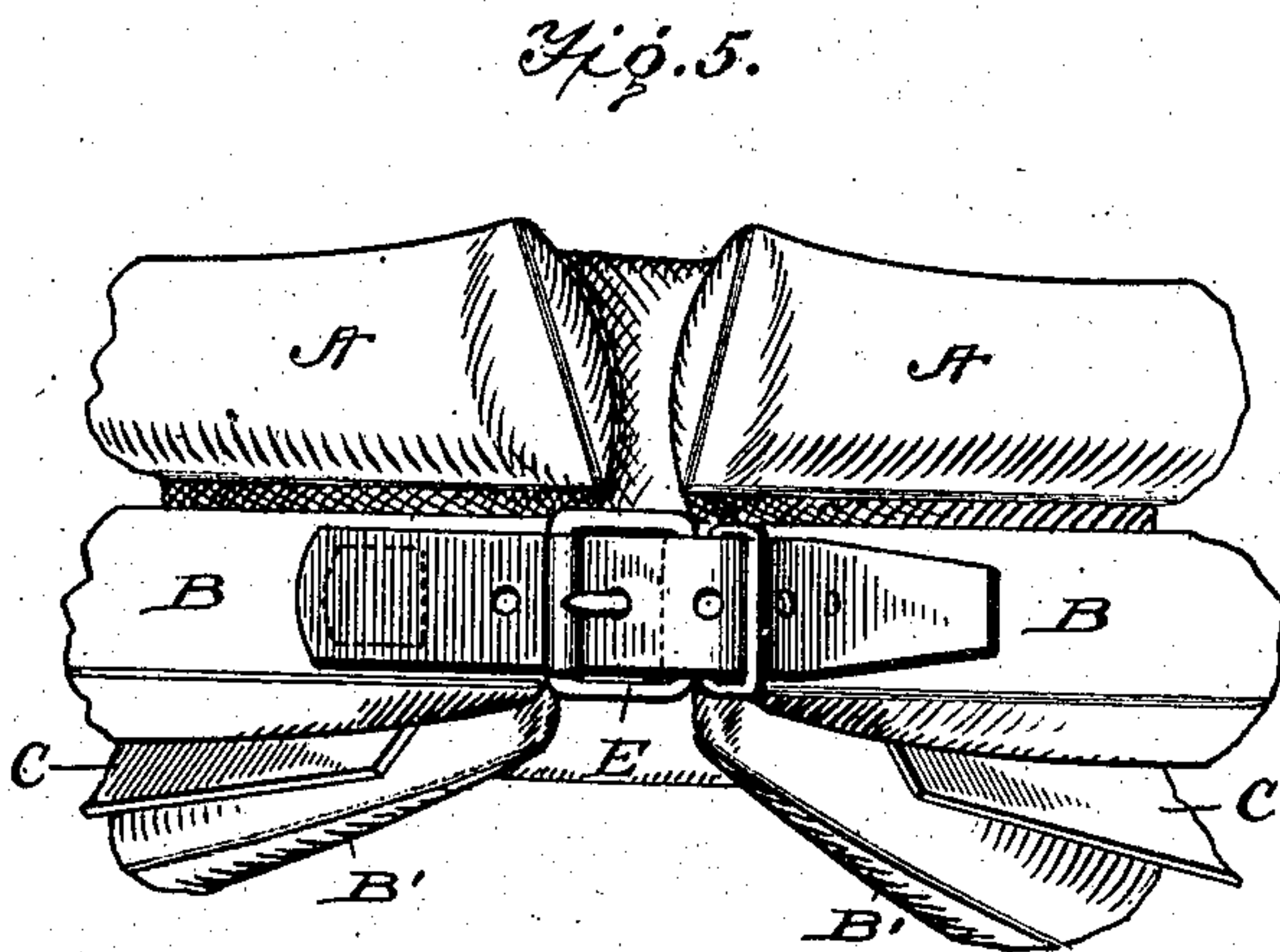
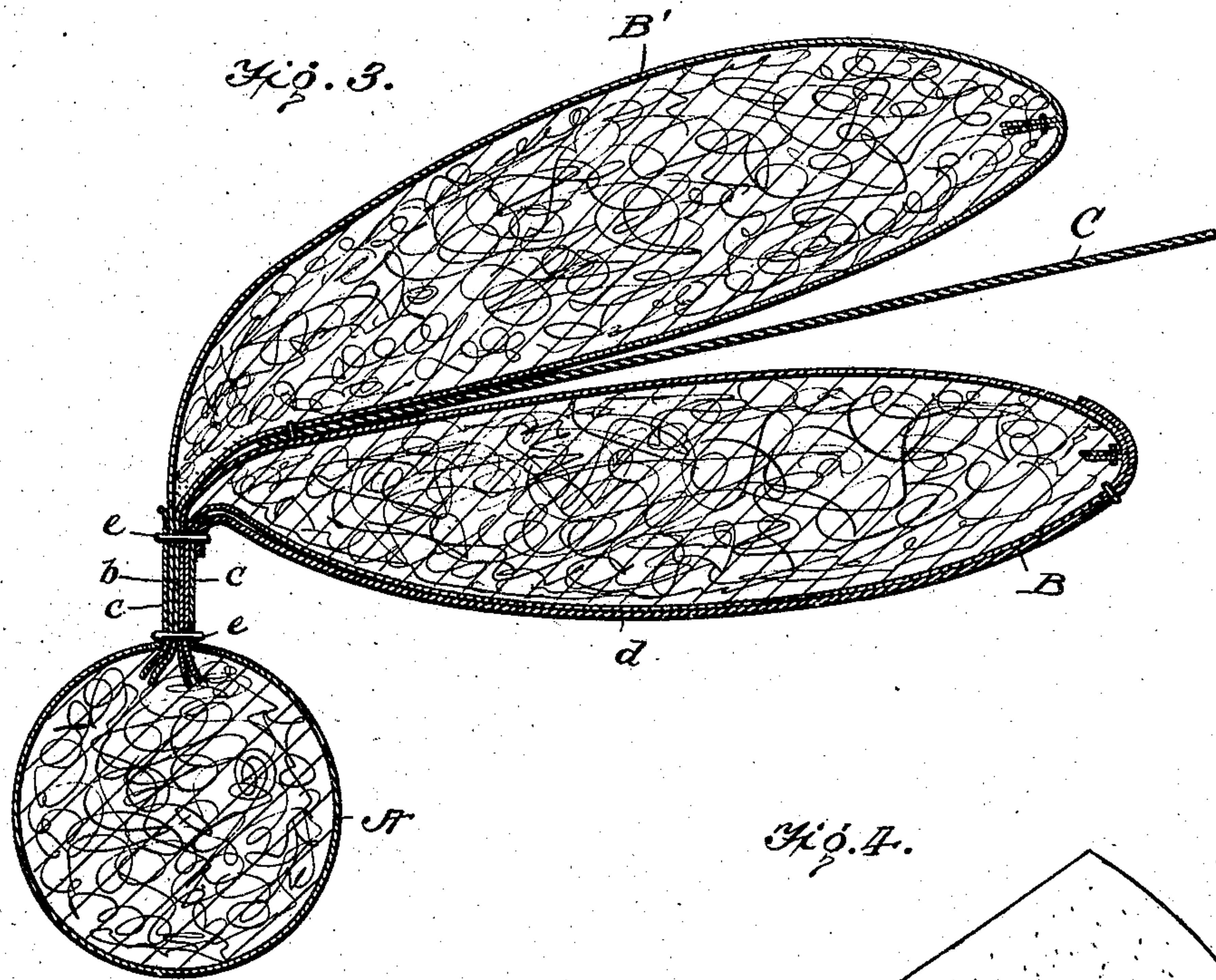
BY *Munn & Co.*

ATTORNEYS

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2 SHEETS—SHEET 2.



WITNESSES
L. H. Schmidt.
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UNITED STATES PATENT OFFICE.

THOMAS G. HADAWAY, OF ATHENS, GEORGIA.

HORSE-COLLAR.

No. 894,631.

Specification of Letters Patent.

Patented July 28, 1908.

Application filed January 7, 1908. Serial No. 409,640.

To all whom it may concern:

Be it known that I, THOMAS G. HADAWAY, a citizen of the United States, and a resident of Athens, in the county of Clarke and State of Georgia, have invented certain new and useful Improvements in Horse-Collars, of which the following is a specification.

My invention is an improvement in the class of double collars, that is to say, collars having two pads, an inner and an outer one.

The novel features will be hereinafter pointed out.

In the accompanying drawing, Figure 1 is a perspective view of my improved collar. Fig. 2 is an end view of the same. Fig. 3 is a cross section on the line 3—3 of Fig. 1. Fig. 4 is a plan view of the anti-chafing plate. Fig. 5 is a top view of the collar.

A indicates the rim, or roll, of the collar, B, the outer or hame pad, and B', the inner or shoulder pad, while C is the leather anti-chafing plate, or strip, arranged between the two pads. This plate C—shown detached in Fig. 4—conforms to the general shape or outline of the pads, and is secured in place between them by stitching it to the inner edge of the latter—see Fig. 3. As shown, the stitching is applied at two points *e*.

The roll A and pads B, B', may be made of cloth, or leather, and stuffed with wool, hair, straw, or any other suitable material. The cloth or leather is extended at the inner edge—as shown at *b*, Fig. 3—the parts being lapped or laid together and inserted between the edges *c* of the leather or fabric of the roll A, and the several parts, together with the leather lining *d* of the pad B are stitched together as shown. The leather plate, leaf, or anti-chafing plate C prevents undue friction between the two pads B, B', and thus the constant rubbing of a horse's shoulders is in turn prevented. In other words, but for the interposition of the smooth plate C between the pads, the inner one would move with the outer one, owing to the friction between them. The top pad easily yields to

the motion of the horse's shoulders, so that the lower pad, by means of the interposed leaf or anti-chafing plate C remains practically stationary, and this is effected without appreciably lessening the flexibility of the collar as a whole. Further, the plate C conduces to the durability of the collar in consequence of its lessening the friction between the pads, and by reason of the fact that it prevents the hames indenting and sinking into the pads as in the ordinary collar. Since the form of the inner pad is better preserved, it is obvious that it is easier for the horse.

By the arrangement of the connection between the roll A and the two pads B, B', they are all firmly secured and a space and roll shoulder are provided for the hames which renders it practically impossible for the hames to slip off the roll.

A leather neck pad D—see Fig. 1—is stitched to one of the inner pads B at one side, and a strap and buckle E connect the ends of the pads, as shown in Fig. 5.

What I claim is—

1. The improved horse-collar, comprising a roll, and outer and inner pads extending the entire length of the collar, and a flexible anti-chafing plate arranged between said pads longitudinally and secured to one of them at its inner edge, the outer portions of the pads and plate being left free, as shown and described.

2. The improved horse-collar, comprising a roll and outer and inner pads, and an interposed flexible anti-chafing plate, the inclosing portion, or casing, of the pads being brought together and inserted between the edges of the roll casing, and the several parts stitched together at a point between the roll and pads, as shown and described.

THOMAS G. HADAWAY.

Witnesses:

ALLRID P. DEORING,
OTTO KRASSELT.