

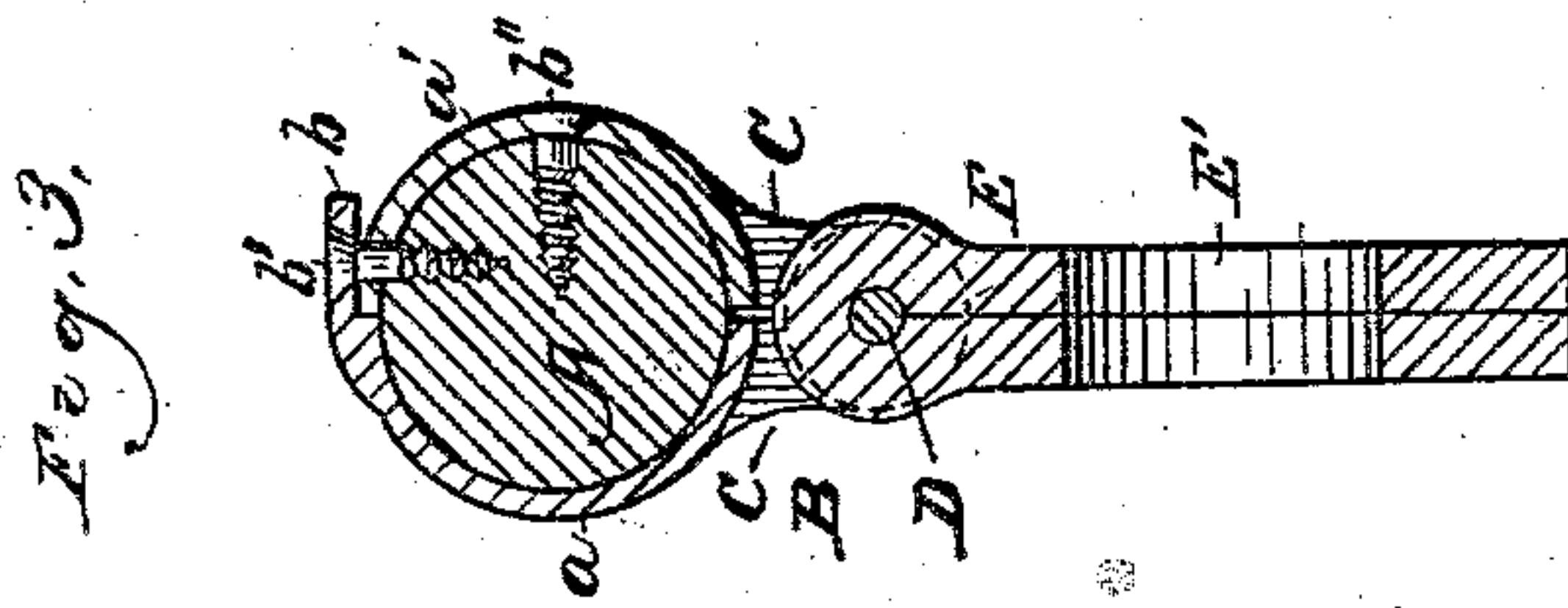
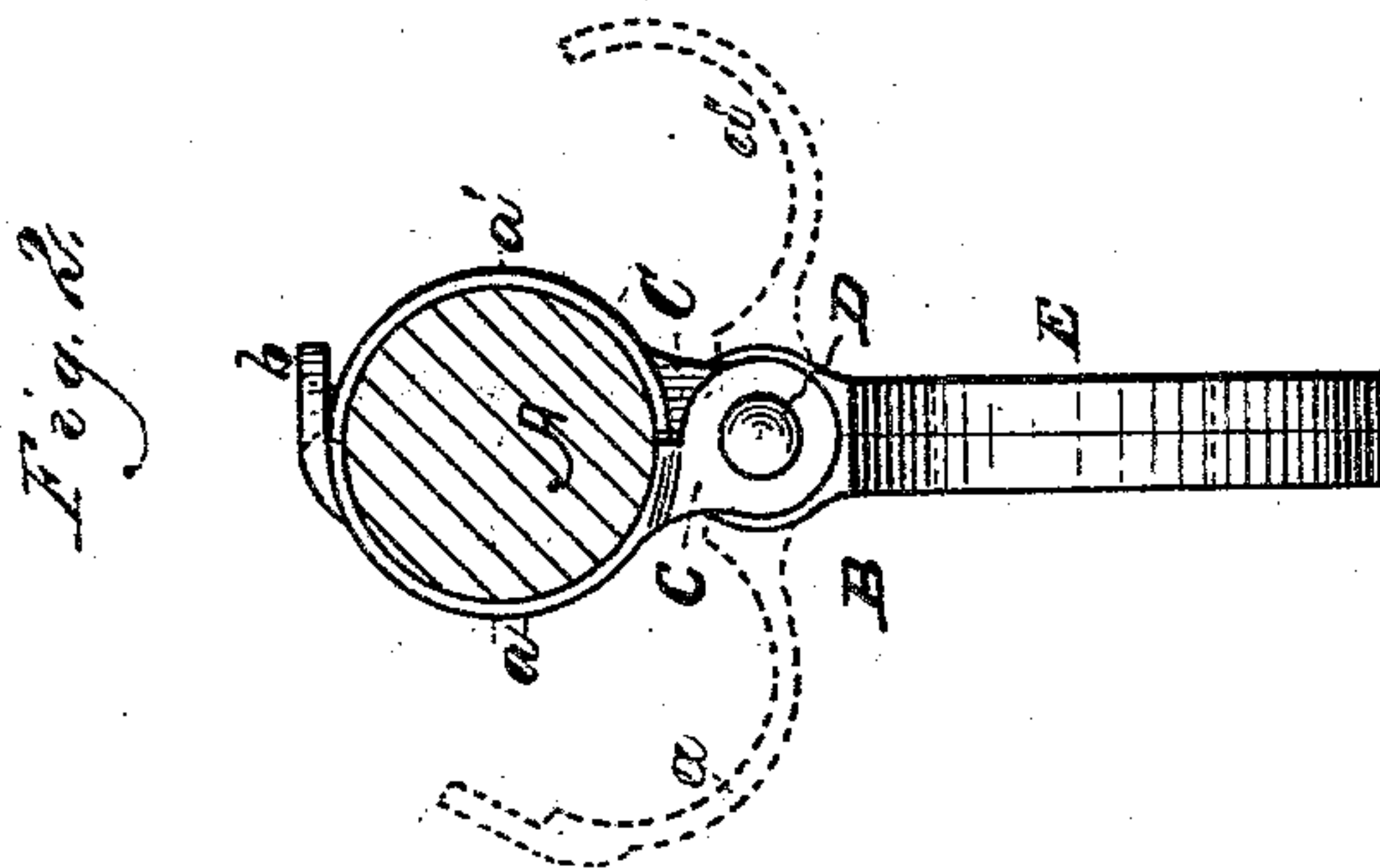
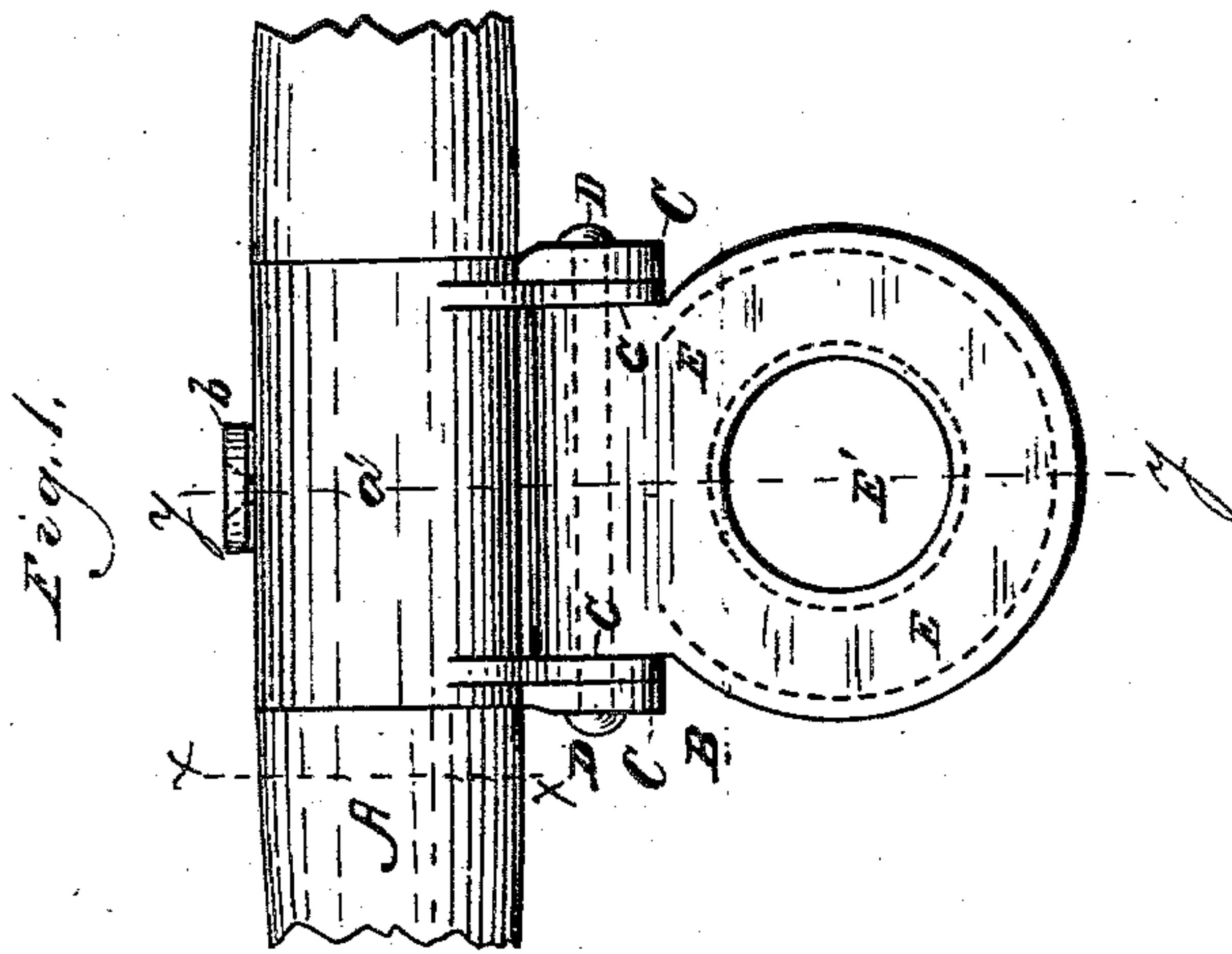
(No Model.)

J. B. DOBYNE & R. S. FLEMING.

NECK YOKE.

No. 281,250.

Patented July 17, 1883.



Witnesses,
Henry Frankfurter,
W. L. Baker

Inventors,
James B. Dobyns,
Robert S. Fleming
per. H. F. Warner
their Attorney.

UNITED STATES PATENT OFFICE.

JAMES B. DOBYNE AND ROBERT S. FLEMING, OF CHICAGO, ILLINOIS.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 281,250, dated July 17, 1883.

Application filed March 14, 1883. (No model.)

To all whom it may concern:

Be it known that we, JAMES B. DOBYNE and ROBERT S. FLEMING, citizens of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have jointly invented certain new and useful Improvements in Neck-Yoke Centers, of which the following, in connection with the accompanying drawings, is a specification.

10 In the drawings, Figure 1 is a front view of a neck-yoke center embodying our invention. Fig. 2 is a section in the plane of the line $x x$, and Fig. 3 is a section in the plane of the line $y y$.

Like letters of reference indicate like parts.

15 A represents the yoke, and B is the neck-yoke center. This center consists in part of two metallic pieces, a and a' , each so made that when they are arranged together they will form a hollow cylinder adapted to fit the central part of the yoke A. In other words, the cylindrical part of the center B, with the exceptions hereinafter referred to, is made in two like sections. A small central tongue, b , projects from the part a and overlaps the upper edge of the part a' , and b' is a screw passing through the said tongue and through the part a' into the yoke A. I also deem it best to insert another screw, b'' , as shown.

30 C C are ears or pendants depending from the lower corners of the parts a and a' . The pendants C C on one section of the cylinder overlap

those on the other; and D is a pintle passing horizontally through the parts C C and headed on both ends sufficiently to prevent it from being accidentally removed, thus bringing the parts a and a' together, so that they may be opened outward, as indicated by the dotted or broken lines in Fig. 2.

E is a tongue, of leather, folded over the pintle D and stitched or fastened together below the pintle, as represented in Fig. 1.

E' is a hole to receive the wagon-tongue.

It will be perceived from the foregoing description and from reference to the drawings that this neck-yoke center is very simple in its construction, and that it may be applied with facility to the yoke A.

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

50 A neck-yoke center in which are combined the metallic sections a and a' , each having thereon the pendants C C, the pintle D, passing freely through the said pendants, and the annular leather tongue E, folded over the said pintle, substantially as and for the purposes specified.

JAMES B. DOBYNE.
ROBERT S. FLEMING.

Witnesses:

F. F. WARNER,
HENRY FRANKFURTER.