

J. O'Brien,

Rosette.

No. 108725.

Patented Oct. 25, 1870.

Fig. 1.

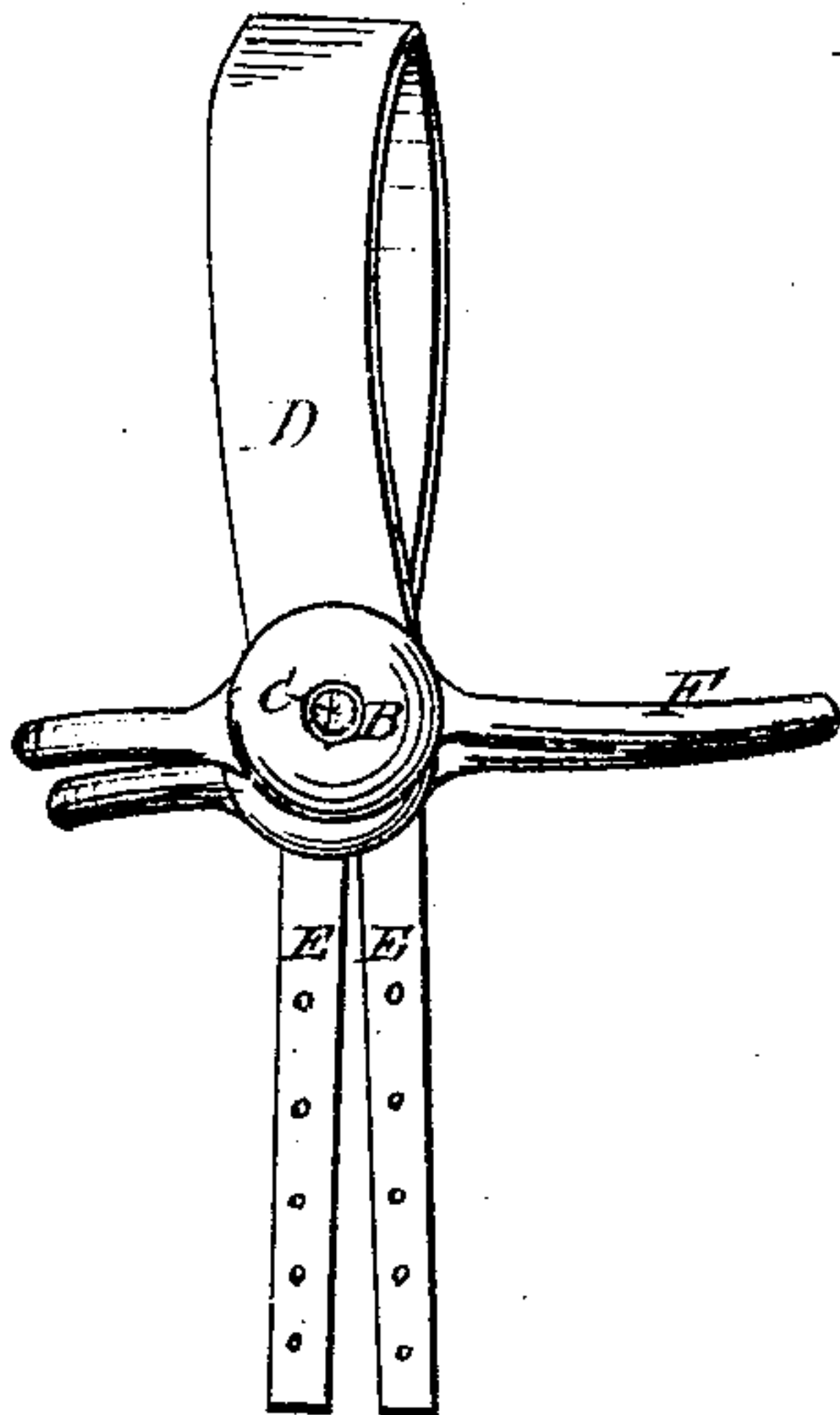


Fig. 2.

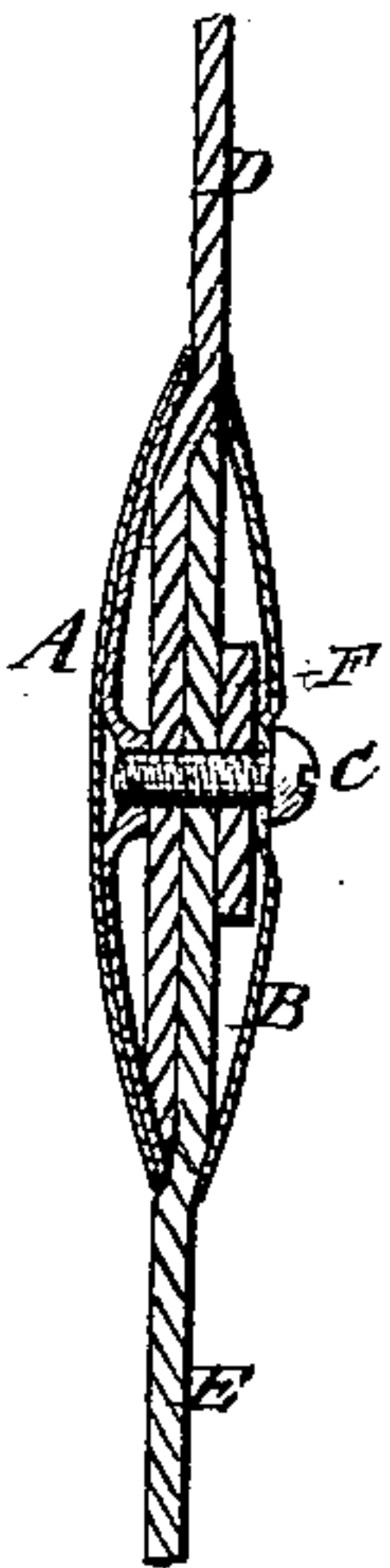


Fig. 3.

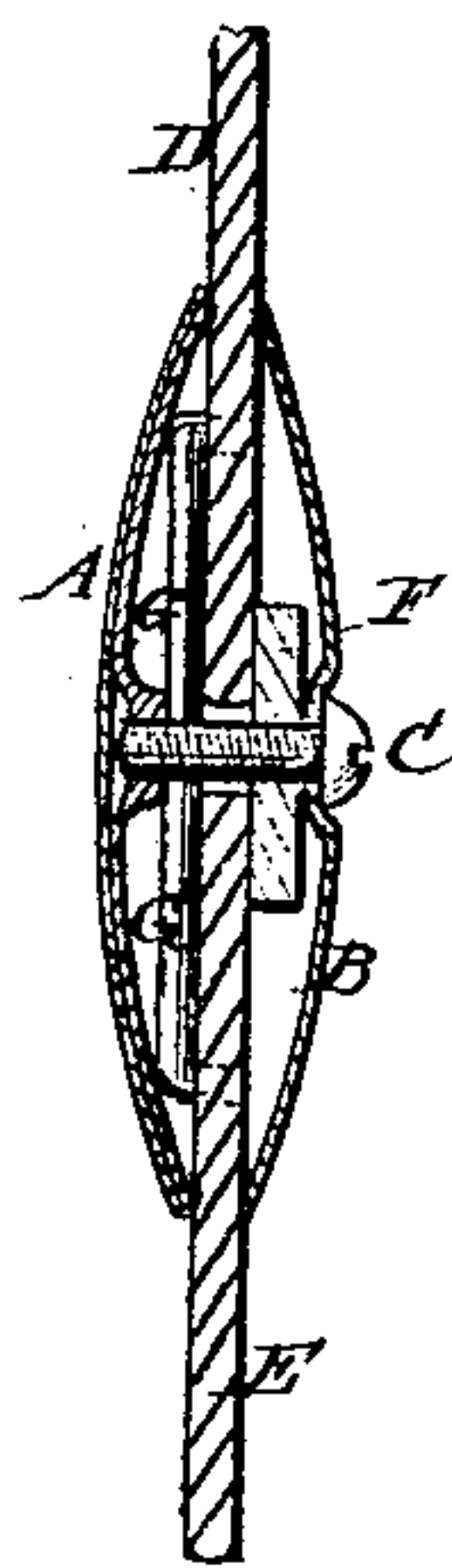
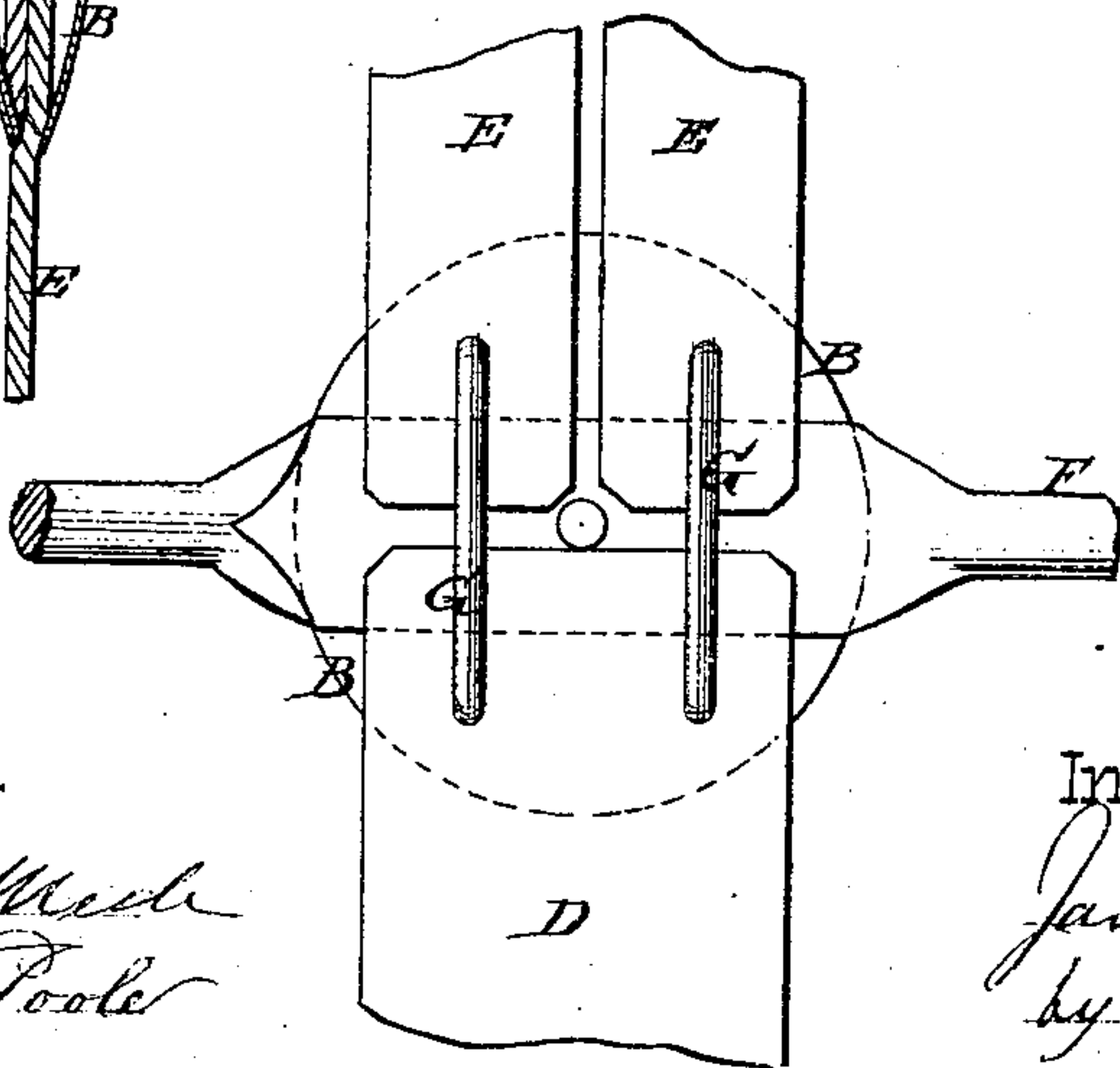


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

JAMES O'BRIEN, OF CEDAR RAPIDS, IOWA.

IMPROVEMENT IN ROSETTES FOR BRIDLES.

Specification forming part of Letters Patent No. **108,725**, dated October 25, 1870.

To all whom it may concern:

Be it known that I, JAMES O'BRIEN, of Cedar Rapids, in the county of Linn and in the State of Iowa, have invented certain new and useful Improvements in Bridle-Rosettes; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a side view of my device as applied. Figs. 2 and 3 are central cross-sections of the same, showing two methods of securing the straps; and Fig. 4 is a rear elevation of Fig. 3, with the inner disk removed.

Letters of like name and kind refer to like parts in each of the figures.

My invention is an improvement upon a rosette for securing together the head and crown pieces of halters or bridles, for which Letters Patent No. 102,579 were granted to me on the 3d day of May, 1870; and it consists of the employment, within two circular concave disks, (secured together upon opposite sides of intersecting straps by means of a screw passing through the center of each,) of one or more wire rods, having the ends thereof turned outward parallel with each other, and at a right angle to the line of division between said disks, substantially as and for the purposes specified.

In the annexed drawing, A and B represent two circular metal disks, made concave upon their inner sides, and connected together by means of a screw, C, which passes through a suitable opening within the center of the outer disk, B, and fits into a nut formed within the corresponding portion of the inner disk, A.

As seen in Fig. 2, the ends of the crown-piece D and billets E are lapped, the head F placed in position across and at a right angle with the

same, and the whole firmly secured together by means of the disks A and B, placed upon opposite sides of said straps, with the screw C passing through their center transversely.

In Fig. 3 is shown another method of connecting the straps, in which are employed two wire rods, G, having their ends turned outward parallel with each other, and at a right angle to the line of division between the disks, which ends are inserted within corresponding holes provided within the ends of the crown-piece and billets. The ends of the head-piece being placed across the other straps, the disks are applied as before, and the whole secured firmly together.

Each of the above-described methods for securing together straps possesses especial advantages, the first because of the small amount of labor required, and the second by reason of a saving in leather, the straps not being required to lap; but, whichever of said means are employed, a great saving in time, labor, and expense is obtained over any of the ordinary methods for accomplishing a like result, and a neater and more durable joint produced.

Having thus fully set forth the nature and merits of my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the disks A and B, provided with the screw C, the angular rods G, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of April, 1870.

JAMES O'BRIEN.

Witnesses:

GEO. J. WELLER,
CHAS. JAMES.