

E. B. HARDING.

PESSARIES.

No. 182,437.

Patented Sept. 19, 1876.

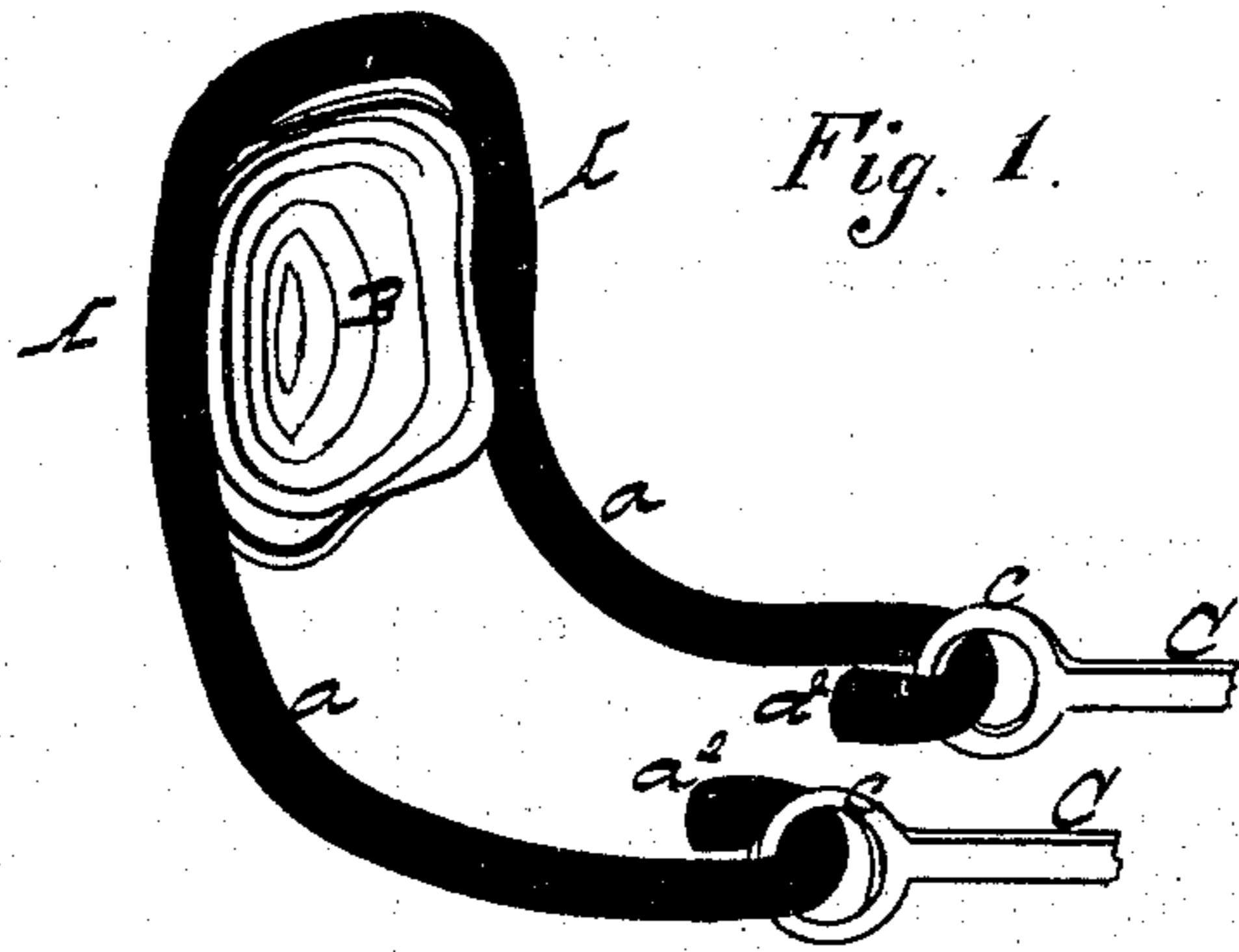


Fig. 1.

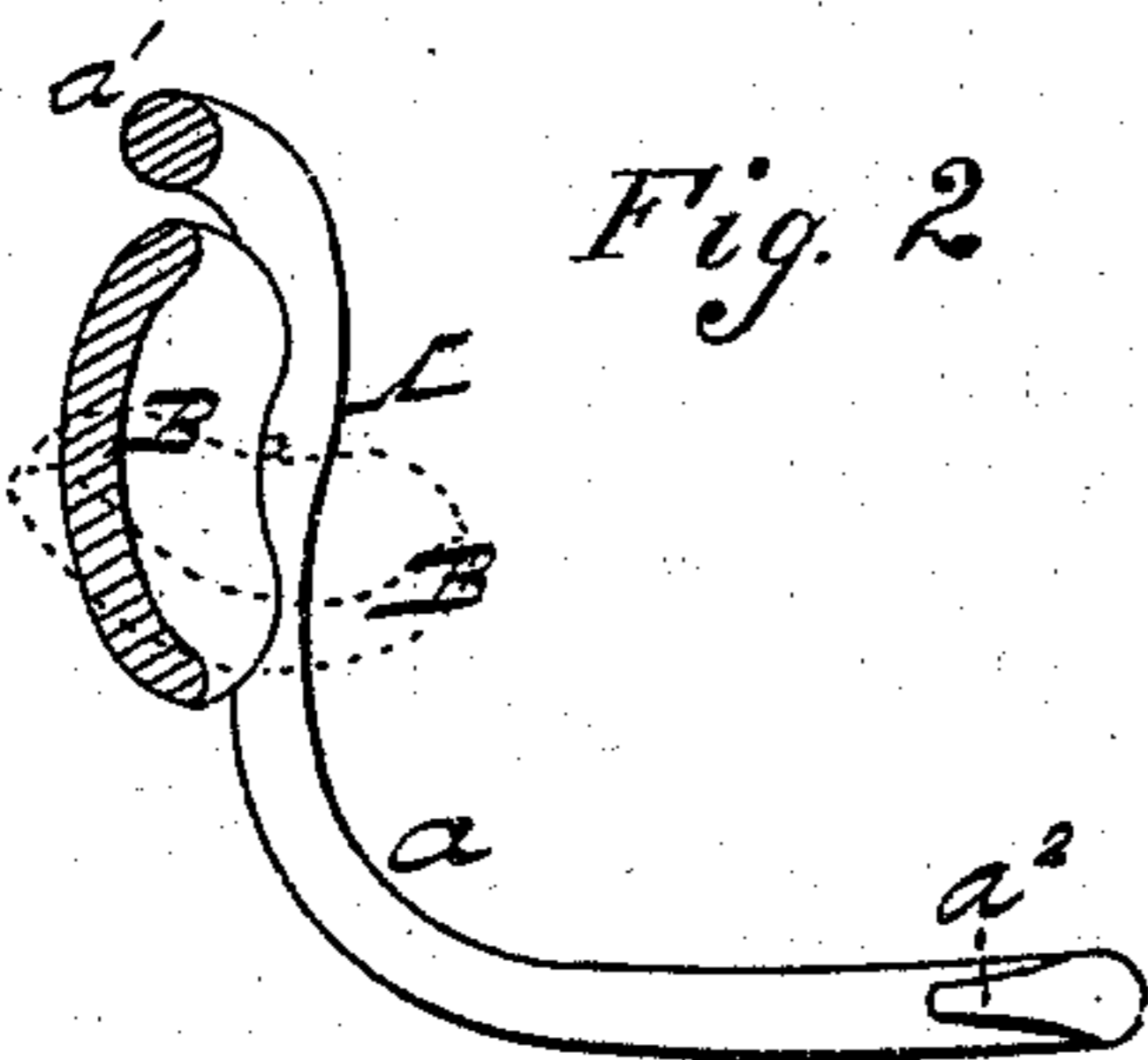


Fig. 2.



Fig. 3.

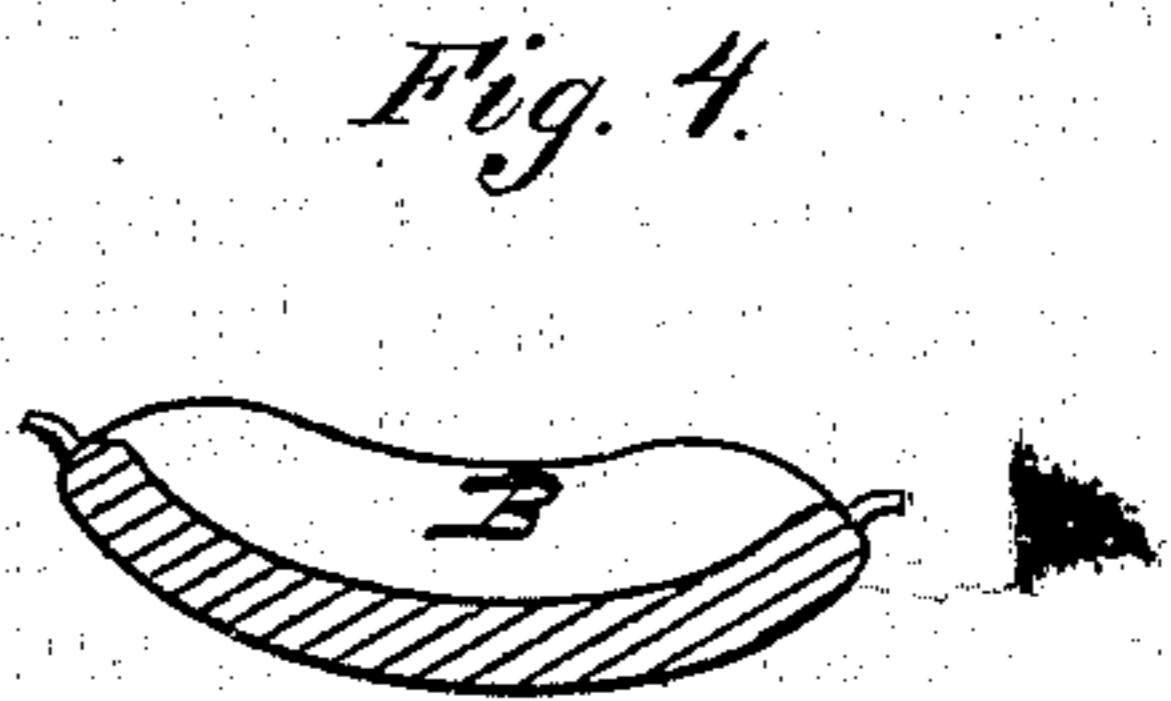


Fig. 4.

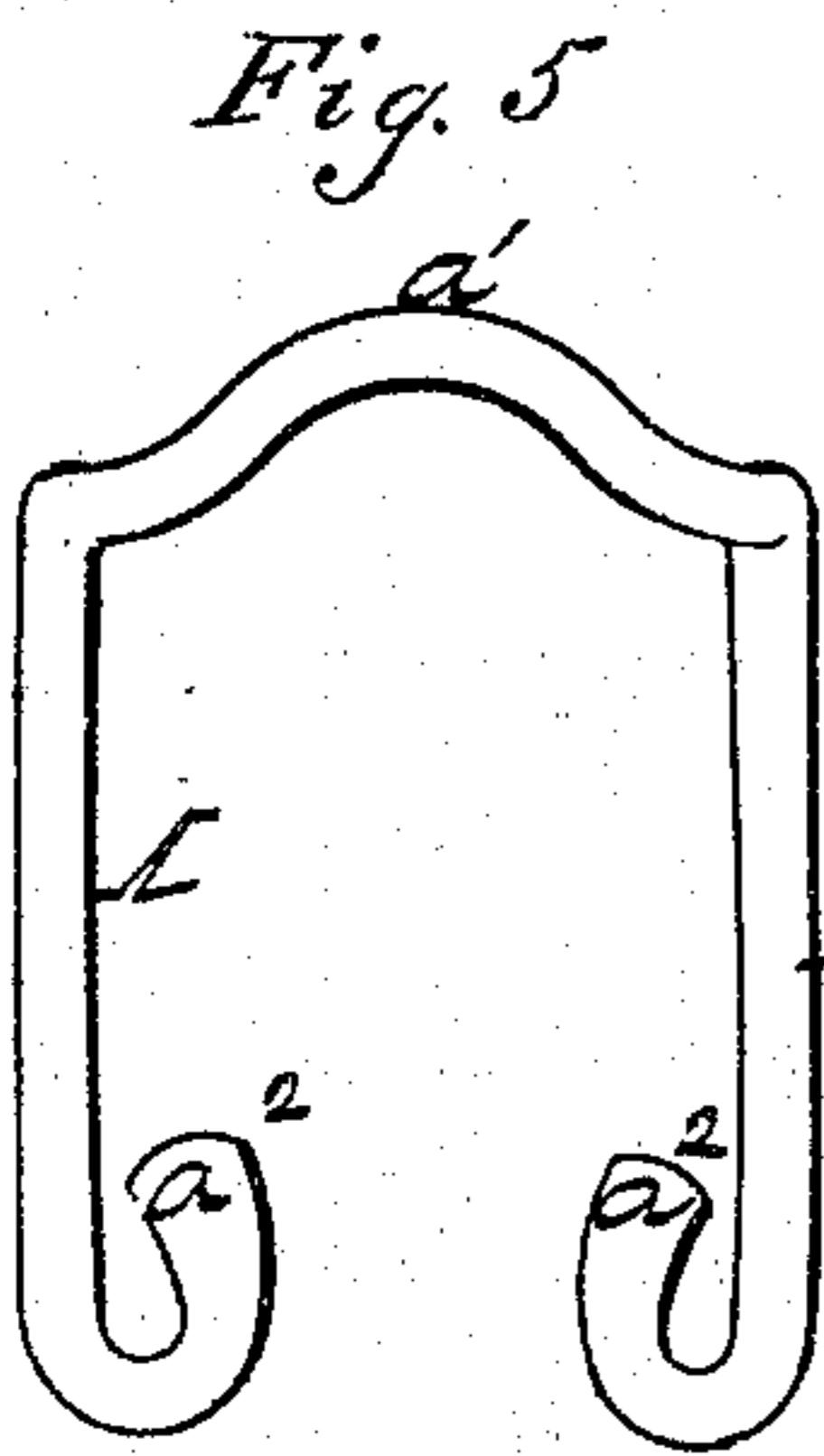


Fig. 5.

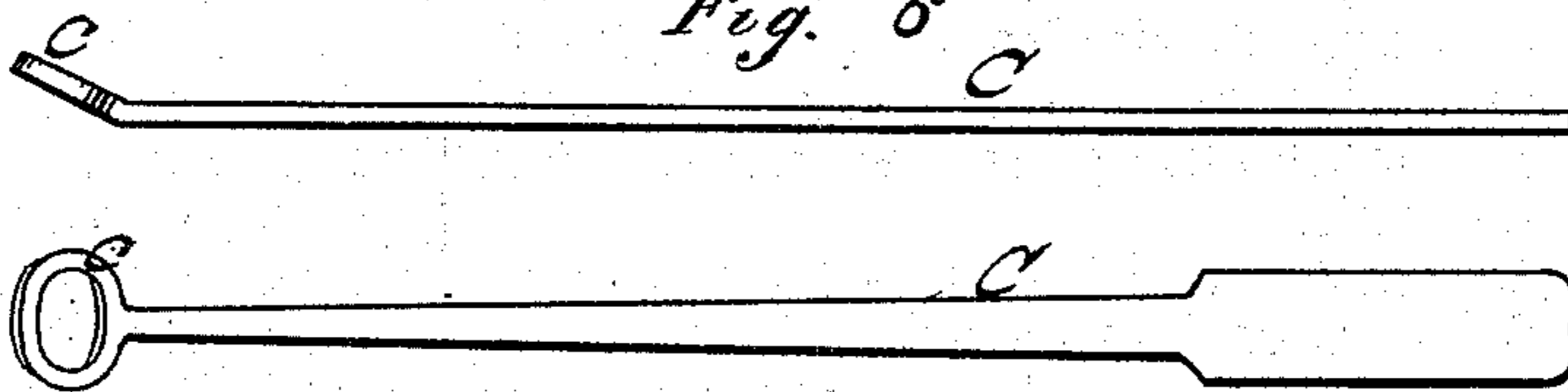


Fig. 6.

WITNESSES

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UNITED STATES PATENT OFFICE.

EVANS B. HARDING, OF NORTHAMPTON, MASSACHUSETTS, ASSIGNOR TO
M. L. HARDING, OF SAME PLACE.

IMPROVEMENT IN PESSARIES.

Specification forming part of Letters Patent No. **182,437**, dated September 19, 1876; application filed May 24, 1876.

To all whom it may concern:

Be it known that I, EVANS B. HARDING, of Northampton, in the county of Hampshire and State of Massachusetts, have invented certain new and useful Improvements in Pessaries; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved pessary, having attached to it the withdrawing or removing device or bars; Fig. 2, a vertical section thereof; Figs. 3 and 4, detached views; and Fig. 5, a plan view of the same. Fig. 6 is a view of the withdrawing device and bars.

Corresponding parts in the several figures are designated by like letters.

This invention relates to a certain improvement upon my patent dated November 27, 1866, No. 59,999, for an improved pessary and device for adjusting the same; and it consists of a frame having its hooked ends flattened and turned inwardly; of a concavo-convex disk hung in a frame at a point below its cross-bar, and between its vertical arms or portions; and of withdrawing, &c., bars or devices having eyes or loops *c c* arranged thereon, substantially as hereinafter more fully set forth.

In the annexed drawing, A refers to an open frame, curved or bowed in the direction of its length, as shown at *a a*, and at its closed end outwardly, as at *a'*, rendering the said end convex upon its posterior and concave upon its anterior, by which the pessary is prevented from impinging upon and irritating the uterus at its juncture with the vagina. Hung in the frame A, in proximity and conforming in curvature with the posteriorly and anteriorly curved cross-piece or end *a'* of said frame, is a disk, B, of a concavo-convex shape, to fit in behind and between the uterus and the cul-de-sac, to keep the uterus pressed well forward. By the construction of the frame

A, it being thus provided with vertical arms, as seen in the drawings, the said disk is pressed well into the cul-de-sac, the latter, in turn, pressing against the disk, assisting it in pressing the uterus well forward. The disk B is readily detachable, to allow the frame portion of the pessary to be used independently thereof, when desired. The hooked ends *a' a'* of the frame A are flattened, as shown in Fig. 5, to form a proper bearing-surface, and prevent liability of their passing into the urethra upon the introduction of the pessary, or tissue becoming fixed thereon. C C are two bars conveniently shaped at one end for handling or manipulation, and provided or formed at their opposite ends with eyes or loops *c c*, disposed with reference to the said bars at any angle between a right and an obtuse angle, to admit of their ready and easy attachment to the hooked ends *a' a'* of the frame A of the pessary in removing or withdrawing the latter. By this construction of the bars C C, the points of the hooked ends of the said frame can be caused to approximate the arms or bars of the latter more closely, isolating them from the opening in the frame.

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

1. The frame A, having its hooked ends *a' a'* flattened and turned inwardly, substantially as and for the purpose set forth.

2. The concavo-convex disk B, hung by journals at or about its center in the frame A, between its vertical arms or portions *a a* and below its cross-bar *a'*, substantially as and for the purpose set forth.

3. The pessary adjusting bars C C, having the loops or eyes *c c* arranged at an angle to the line of said bars, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I hereunto affix my signature in presence of two witnesses.

EVANS B. HARDING.

Witnesses:

SAML. W. LEE, Jr.,

CHAUNCY H. PIERCE.