

D. & W. Pomeroy,

Truss,

N^o 99,703.

Patented Feb. 8, 1870.

Fig:1

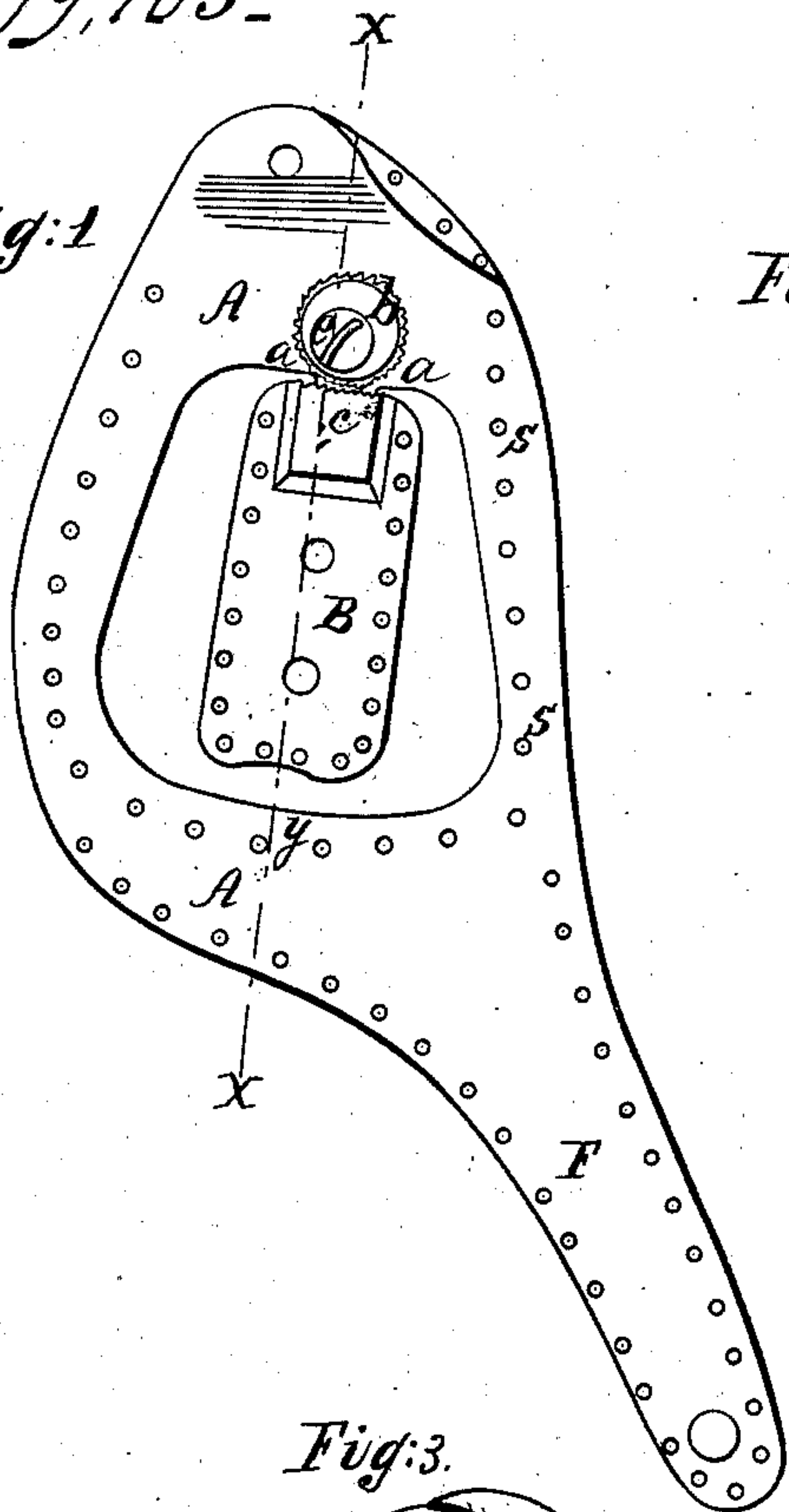


Fig:2

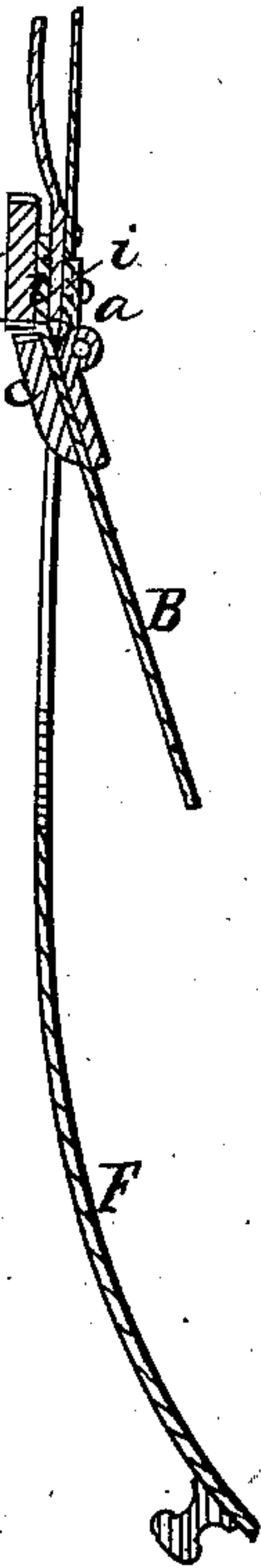


Fig:3.

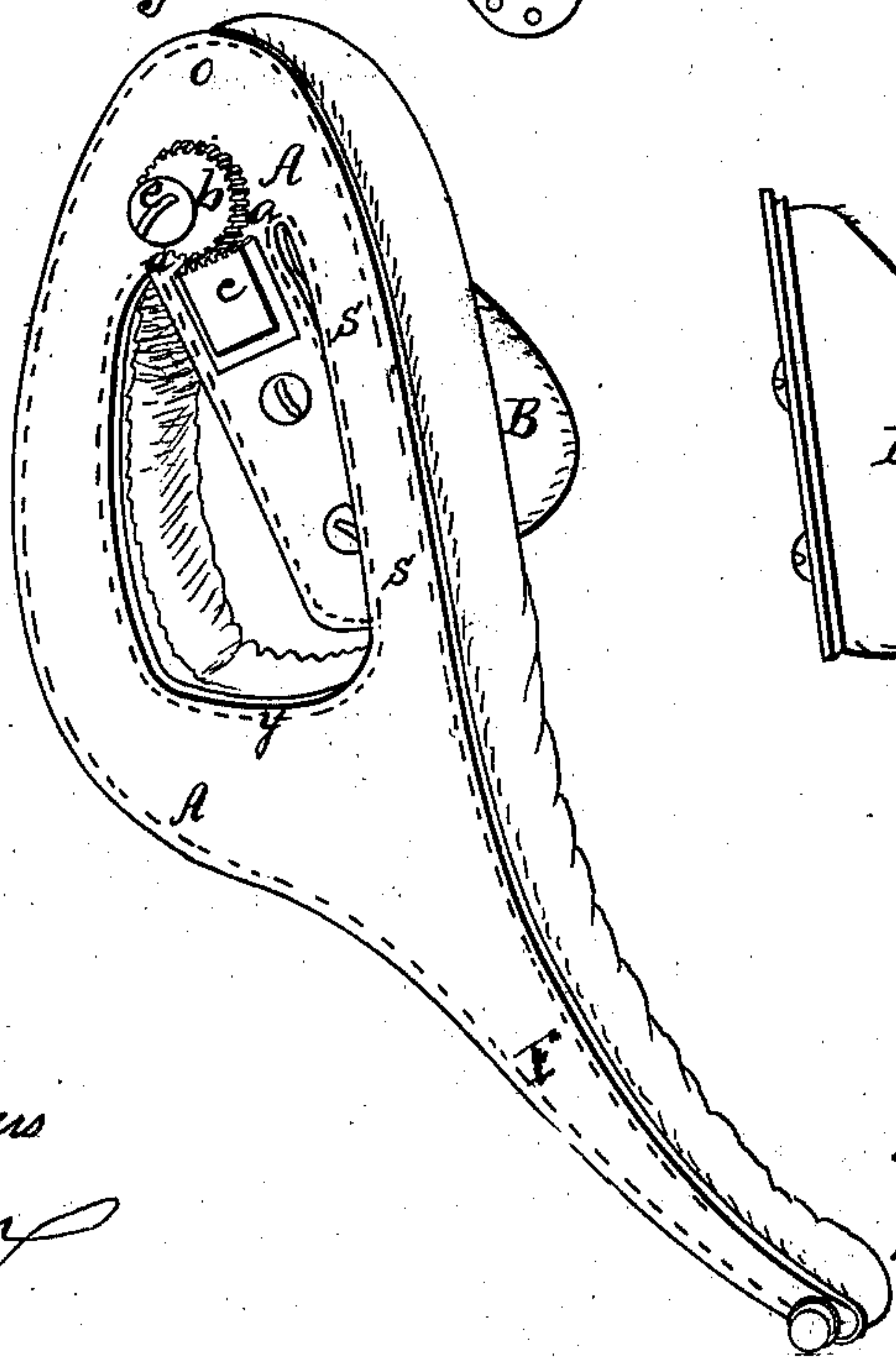
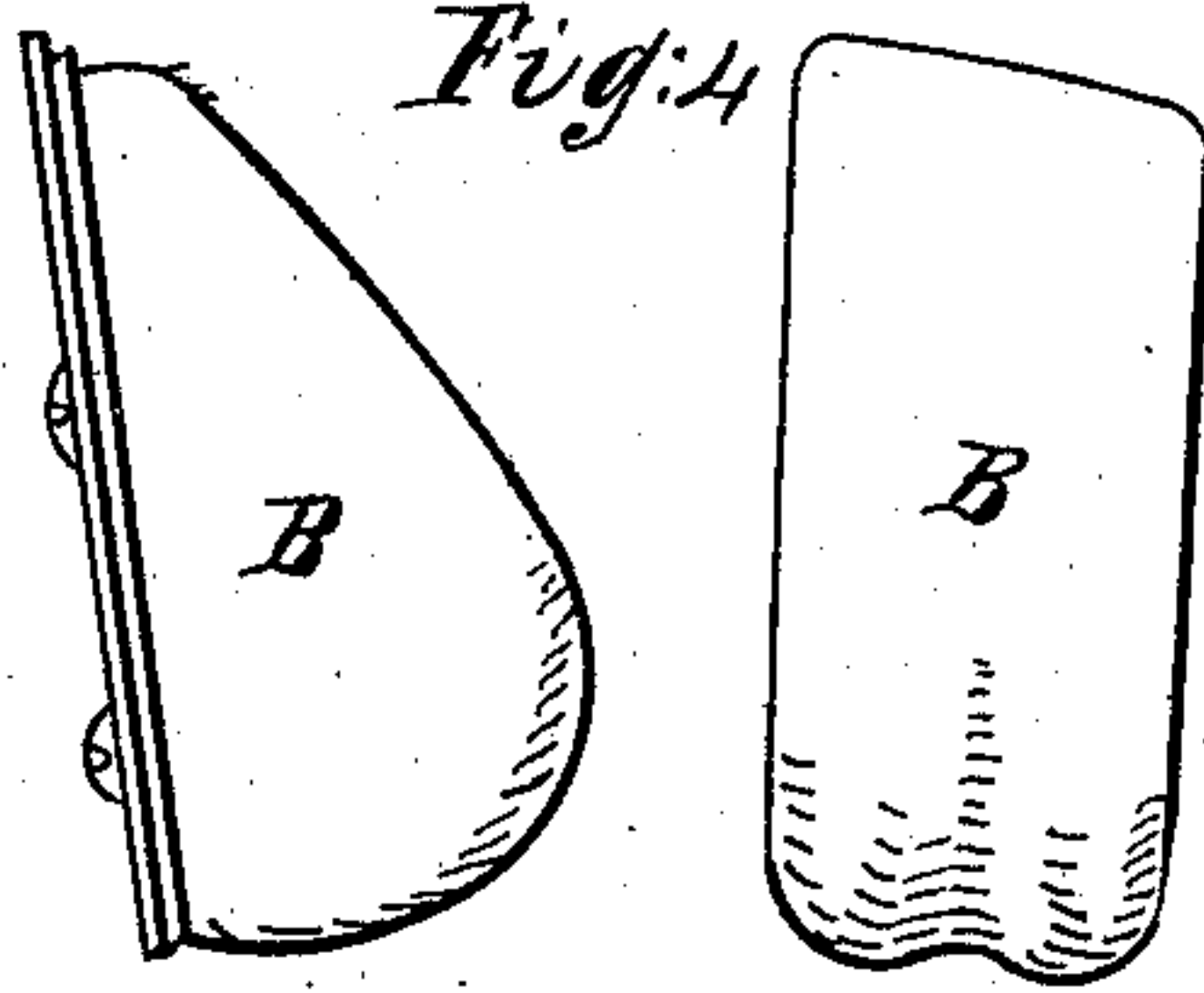


Fig:4



Witnesses
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United States Patent Office.

DANIEL POMEROY, OF NEW YORK, AND WILLIAM POMEROY, OF BROOKLYN, NEW YORK.

Letters Patent No. 99,703, dated February 8, 1870.

IMPROVEMENT IN TRUSSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, DANIEL POMEROY, of the city, county, and State of New York, and WILLIAM POMEROY, of Brooklyn, Kings county, and State of New York, have invented an Improvement in Hernial Pads, being an improvement of the hernial pad, called a "finger-pad," for which Letters Patent of the United States were granted to said WILLIAM POMEROY, August 25, 1868, and numbered 81,533; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 represents a top view of the frame-work of our improved hernial finger-pad.

Figure 2 is a section, taken in the line *xx* of fig. 1, showing, also, a section of the extension-finger F.

Figure 3 is a view of our improved pad in a finished state.

Figure 4 is a detached side and face view of the small, jointed, finger-pad B, which, in the other figures, is seen working within the frame A.

Similar letters of reference indicate the same parts in the different figures.

Our invention consists in an ingenious and useful combination of the finger-pad of WILLIAM POMEROY above mentioned, and the prolongation of a hernial pad as heretofore used.

The prolongation or extension, marked F in the figures, as made by us, is an extension of the frame-work A, which surrounds the small pad B, which frame-work itself forms a part of our complete pad, and assists materially in controlling and retaining the hernia. This extension is made of flexible material, and is slightly bent or curved, so as to clasp the *os pubis*.

The jointed finger B is capable of adjustment within the frame-work A by the device described in the specification accompanying said Letters Patent No. 81,533, without disturbing the position of the frame-work A or the extension F, so that the jointed pad B shall bear properly upon the rupture, to close the hernial ring and retain the hernia.

The extending finger F, clasping the *os pubis*, pre-

vents any upward movement of the compound pad, while the frame-work or rim A retains its position, and forms a support immediately surrounding the hernia, and assisting in its retention.

We make the jointed finger B of size to fit the hernial opening as nearly as may be, and in line with it make a groove in the padding of the frame-work A, so as to avoid pressure on the spermatic cord.

We make the rim A with an aperture, of sufficient width to admit of a lateral motion of the jointed finger B, and also to give an opening for ventilation to the pad in its action on the body.

The jointed finger B is hinged, at *a*, with the rim A, by a clasp-joint, *ii*, the under portion of which is fitted with a thread for the screw *e*, which forms a pivot for the eccentric *b*, and the hinge *ii* also, where it clasps the rim A.

The eccentric *b* has a serrated periphery working against a corrugated shoulder, *c*, and serves to hold the jointed finger B in position.

The rim A, in certain cases where it is desirable to bring the jointed finger B near the bend of the thigh, may be made narrow on one side, at *ss*, or cut off entirely at that place.

The jointed finger B may be attached to the rim A, on the lower side of the same, at *y*, when desirable, as in cases of indirect inguinal hernia, where the main pressure of the finger B should come upon the internal ring.

We do not claim the prolongation of a pad for any purpose, nor the formation of a pad with an opening for the insertion of a smaller pad; but

What we do claim, and seek to secure by Letters Patent, is—

The combination of the frame-work or rim A with the extension F and the finger-pad B, forming a compound hernial pad, constructed substantially as above described, for the uses and purposes set forth.

DANIEL POMEROY.
WILLIAM POMEROY.

Witnesses:

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