

(No Model.)

J. L. WELLS.

BOSOM PAD.

No. 325,030.

Patented Aug. 25, 1885.

Fig. 1.

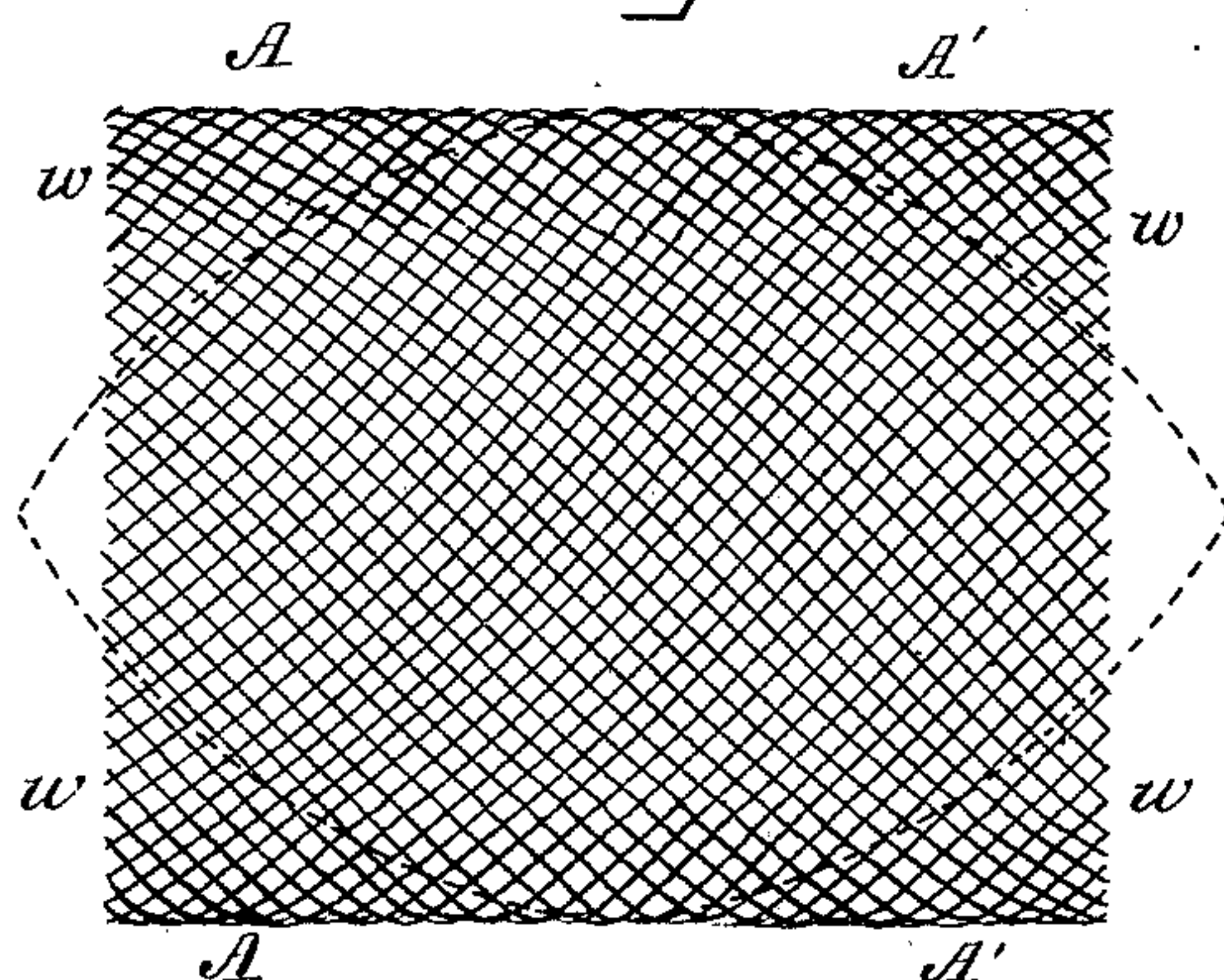


Fig. 2.

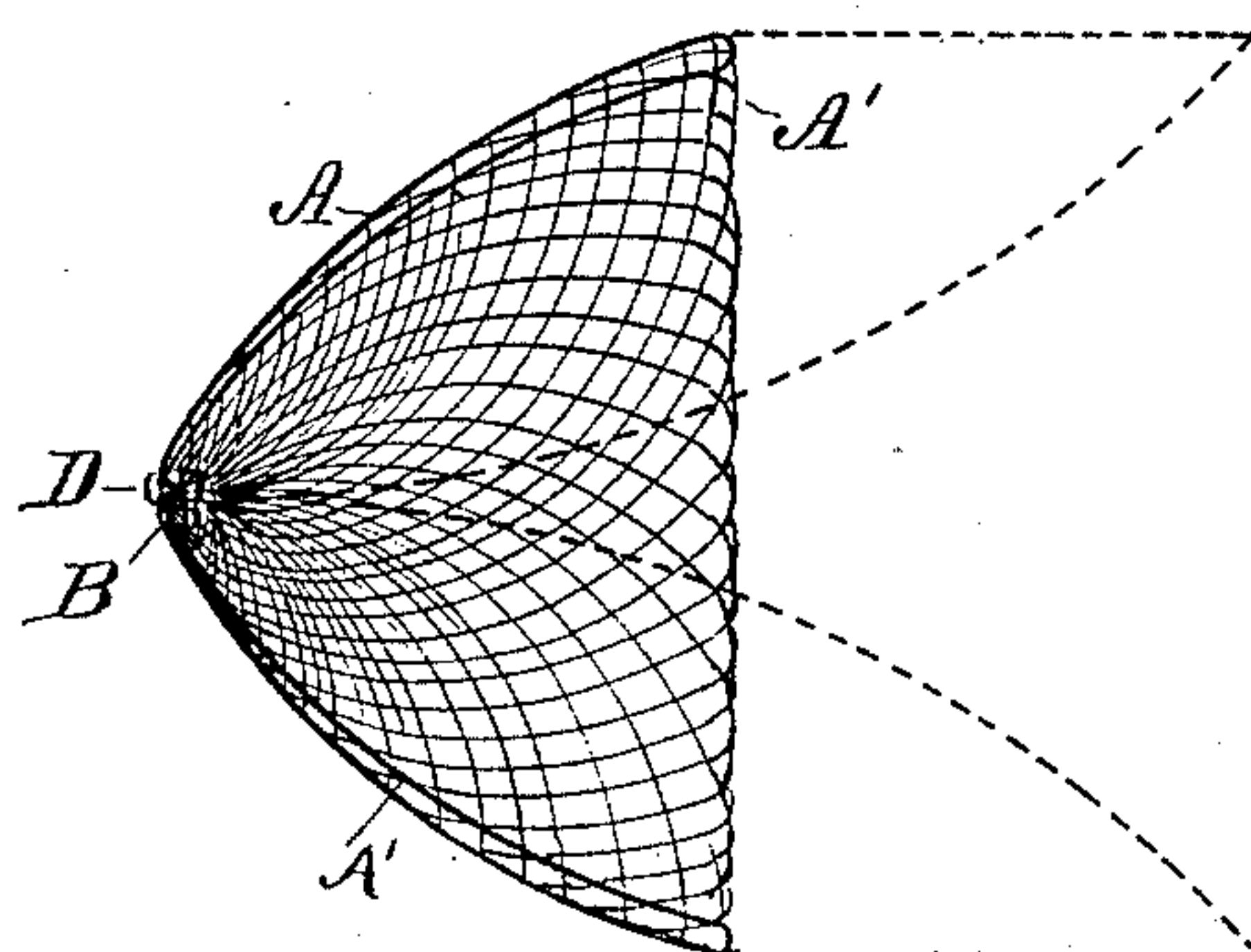
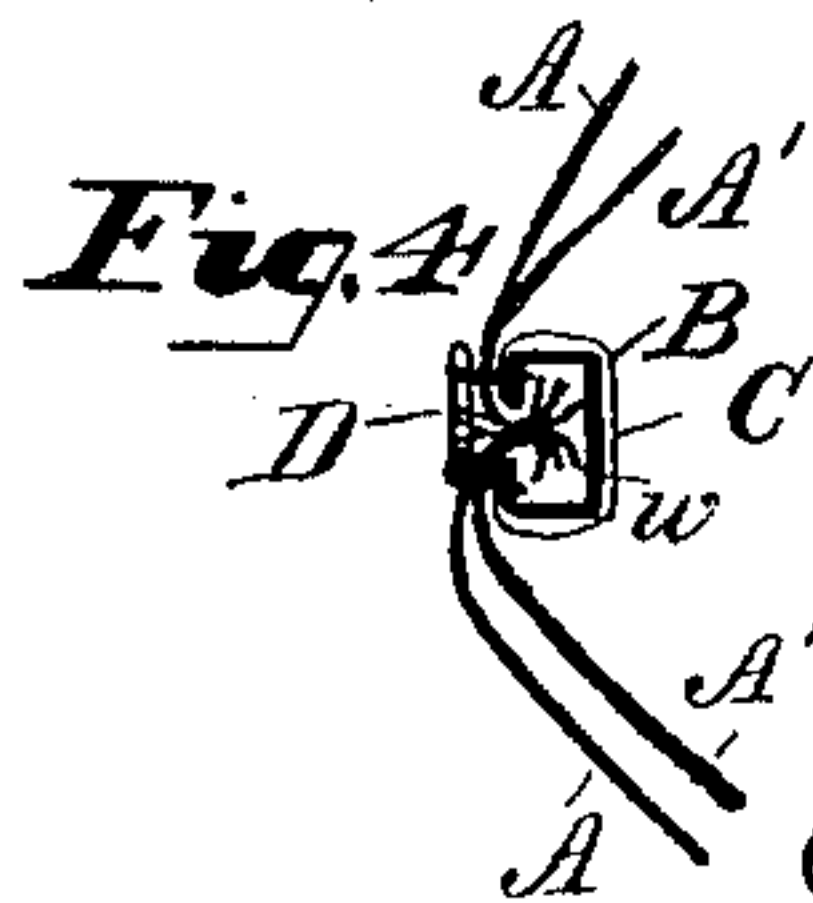
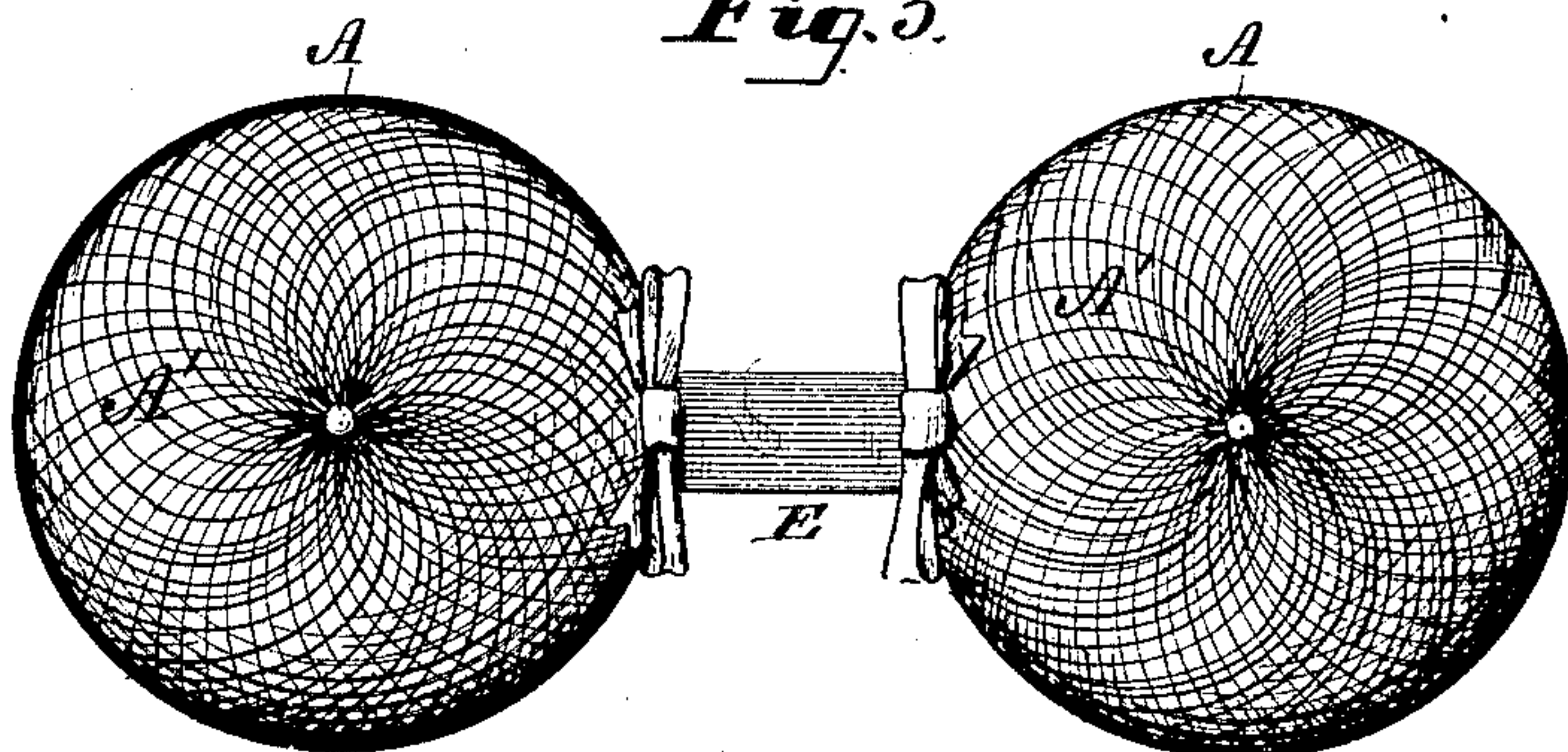


Fig. 3.



WITNESSES:

John Nolan.
A. H. Leubner

INVENTOR

Joseph L. Wells.
per Joshua Pusey, atty.

UNITED STATES PATENT OFFICE.

JOSEPH L. WELLS, OF PHILADELPHIA, PA., ASSIGNOR TO THE WESTON & WELLS MANUFACTURING COMPANY, OF CAMDEN, N. J.

BOSOM-PAD.

SPECIFICATION forming part of Letters Patent No. 325,030, dated August 25, 1885.

Application filed March 12, 1885. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH L. WELLS, a citizen of the United States, residing at the city and county of Philadelphia, and State of Pennsylvania, have invented certain new and useful Improvements in Bosom-Pads, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

10 The object of this invention is to provide a bosom-pad or artificial bosom, which shall combine, among others, the following advantages—to wit, lightness, airiness, resiliency, and naturalistic contour.

15 The invention consists of a bosom-pad constructed of a fabric of braided elastic steel or other wire, to which fabric the proper configuration is imparted, as hereinafter described, and shown in the annexed drawings, of which—

20 Figure 1 is a side elevation of a short helix or hollow cylinder of braided steel wire from which the device is formed. Fig. 2 is a side elevation of the pad as made from said cylinder. Fig. 3 is a front elevation of two finished pads connected together as they appear ready to be applied to the human form. Fig. 4 is a detail showing the manner of securing the ends of the wires.

30 The invention also consists in details of construction, which will be hereinafter explained, and pointed out in certain of the claims.

I shall now proceed to describe what I believe to be the best mode of carrying out my invention.

35 By means of known mechanism I braid together over a suitably-shaped core or former (whose diameter is about equal to the diameter of the bosom-pads to be made across the base thereof) a series of elastic steel wires, *w*, thus forming a continuous helix or tubular frame. This is divided into short tubes—such as *A A'*, Fig. 1—the length of each of which is about equal to one-half the distance from the apex to the base-line of the finished pad. I then draw down the ends of the said tubes, as indicated by the dotted lines in Fig. 1, and introvert the one within the other, as indi-

cated by the dotted lines in Fig. 2, and as shown also by the full lines in said figure. After turning in the ends of the wires of the outer part or frame, *A*, I secure the free ends of the wires of both parts in any suitable manner—as, for example, that shown in section in Fig. 4, which consists of a hollow button, *B*, into which the extremities of the wires are inserted. This button is covered with a piece of cloth, *C*, while opposite thereto, on the outside of the frame, is a tuft, *D*, of leather or other material, the cloth and tuft being firmly united by sewing them together through the interstices of the wires.

The finished pads I usually join together permanently by means of an elastic band, Fig. 3.

A bosom-pad constructed as hereinbefore described is obviously very light, cleanly, resilient, hygienic, readily applied, un hurtful to the person of the wearer, and not liable to get out of order or out of shape.

The invention is not limited to the precise construction shown. I am aware, however, of the fact that bosom-pads of ordinary wire-gauze struck into hemispherical shape are old.

What I claim as new, and desire to secure by Letters Patent, is—

1. A bosom-pad of substantially hemispherical form, constructed of an elastic duplex frame formed by drawing down the ends of a tubular wire frame and introverting one end within the other, the free ends of the wire being secured, substantially as and for the purpose specified.

2. In combination with the introverted or duplex wire frame-work, the hollow button *D*, into which the extremities of the wires *A A'* are inserted, and the covering *C* and tuft, united as described, whereby the parts are held together, substantially as specified.

In testimony whereof I have hereunto affixed my signature.

JOSEPH L. WELLS.

Witnesses:

JOHN NOLAN,
FRANCIS S. BROWN.