

F. COX.
Breast-Pads.

No. 146,805.

Patented Jan. 27, 1874.

fig. 1.



fig. 3.

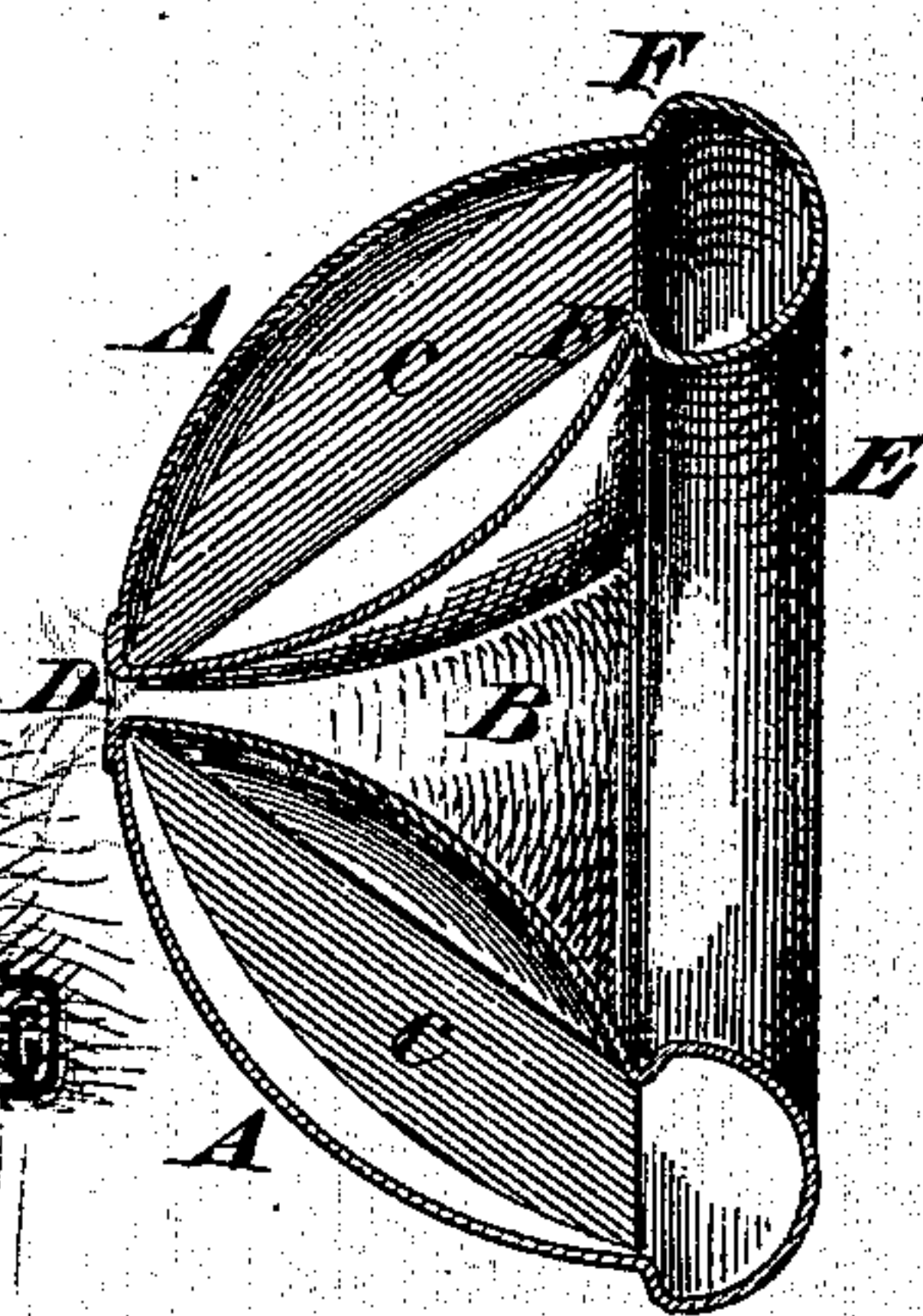
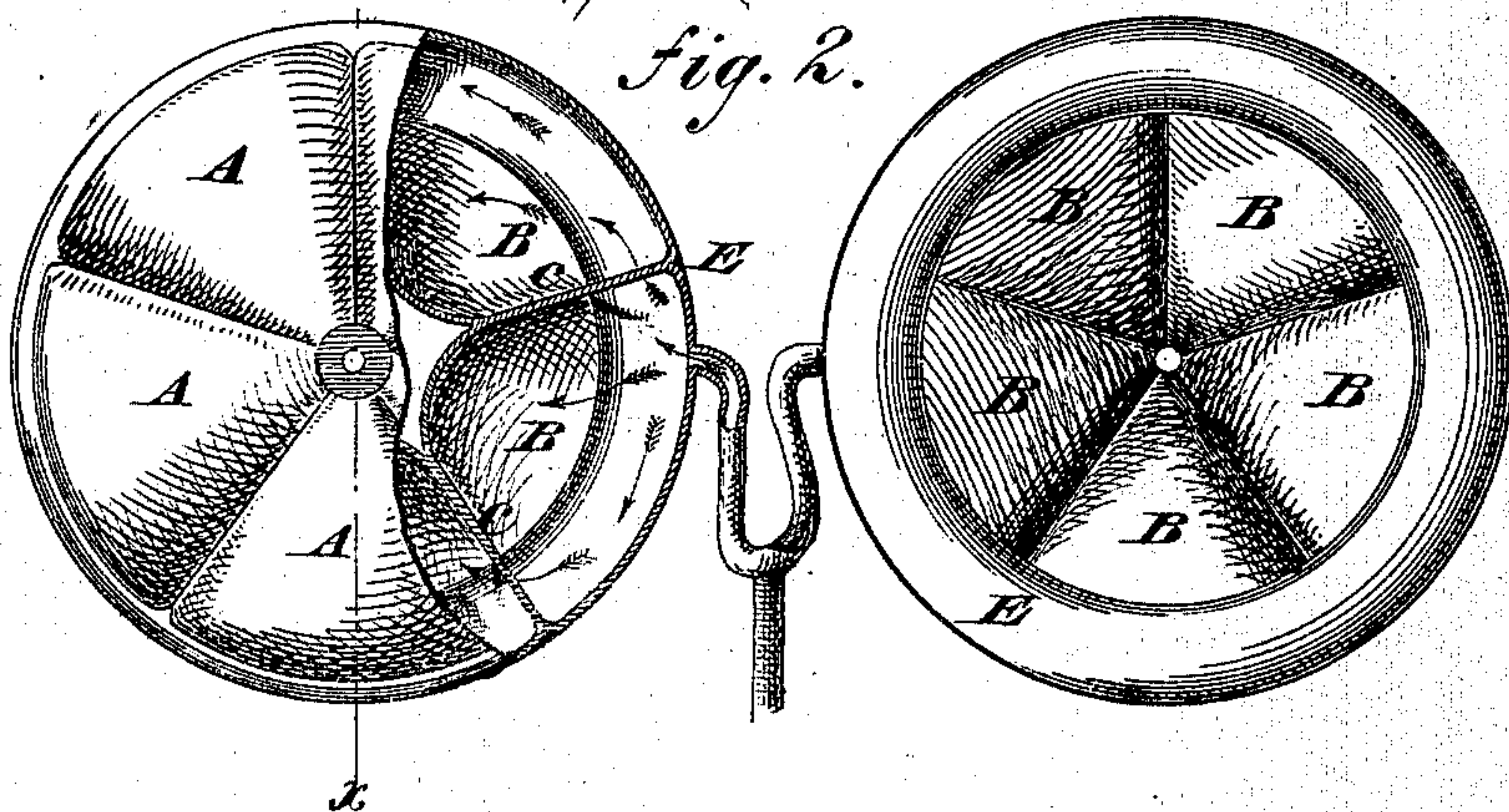


fig. 2.



WITNESSES:
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UNITED STATES PATENT OFFICE.

FREDERICK COX, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN BREAST-PADS.

Specification forming part of Letters Patent No. **146,805**, dated January 27, 1874; application filed December 20, 1873.

To all whom it may concern:

Be it known that I, FREDERICK COX, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Breast-Pad, of which the following is a specification:

My invention consists of inflatable india-rubber breast-pads so constructed as to form a cavity in the base to fit over the natural breast and not bear directly upon it; also, having an annular cushion to bear around the base of the natural breast, and also having a ventilating opening or passage from the cavity for ventilation, by which they are much more comfortable to the wearer, and more easily kept in position. They also improve the form of the natural breasts by keeping them in the natural shape, instead of flattening and depressing them, as the common pads do; and they are more healthful, and retain their own proper shape better.

In Figure 1 of the accompanying drawing my improved pads are represented on the figure of a person as in use. Fig. 2 represents one of a pair in front view, with a part sectioned and the other in reverse; and Fig. 3 is a section on the line *x x*, Fig. 2.

My improved pad is constructed in the form of a flat round sack, of which A may be supposed to be the upper sheet, and B the lower one, with five, more or less, radial and vertical partitions at C; also, with a hole through the center of each sheet, and one—say, the bottom one—stretched through the hole of the other, and connected as at D, and also with one annular hollow base, E, nearly tubular, and uniting the outer edge of the bottom sheet B with the outer edge of the top sheet A, one of its edges being joined to B at E, and the other to A at F, and the bottom sheet being not so large

as the top sheet, so that when inflated the top sheet swells out in the full round form represented in the drawing, and the base comes nearly under or back of it, and a large cavity is formed within the base, and under the central portion of the hollow sheet B of the sack, affording ample room for the natural breast, while the base E sets well around the base, thus protecting the natural breast from any pressure, and holding it in good shape, and the hole at D affords good ventilation for it.

A very good pad can be formed in this way without the base E, but not so good as with it, as the concavity is largely due to the partitions C and the smaller bottom sheet and larger top one. The partitions F serve to impart the proper rigidity to the pad, and to hold the same in a distended state, in case the air should from any cause escape from the pad.

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

1. A breast-pad formed of the sheets A B, connected centrally to each other, and having their edges secured to an inflatable annular base ring or cushion, E, as herein shown and described.

2. An inflatable breast-pad having a cavity for the reception of the natural breast, and a ventilating-opening, D, through the center of the pad, as herein shown and described.

3. The combination of upper sheet A, lower sheet B, and partitions C, substantially as specified.

4. The combination of base E with sheets A B and partitions C, substantially as specified.

FREDERICK COX.

Witnesses:

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