

(No Model.)

E. K. WARREN & J. H. AMES.

BOSOM PAD.

No. 396,444.

Patented Jan. 22, 1889.

Fig. 1.

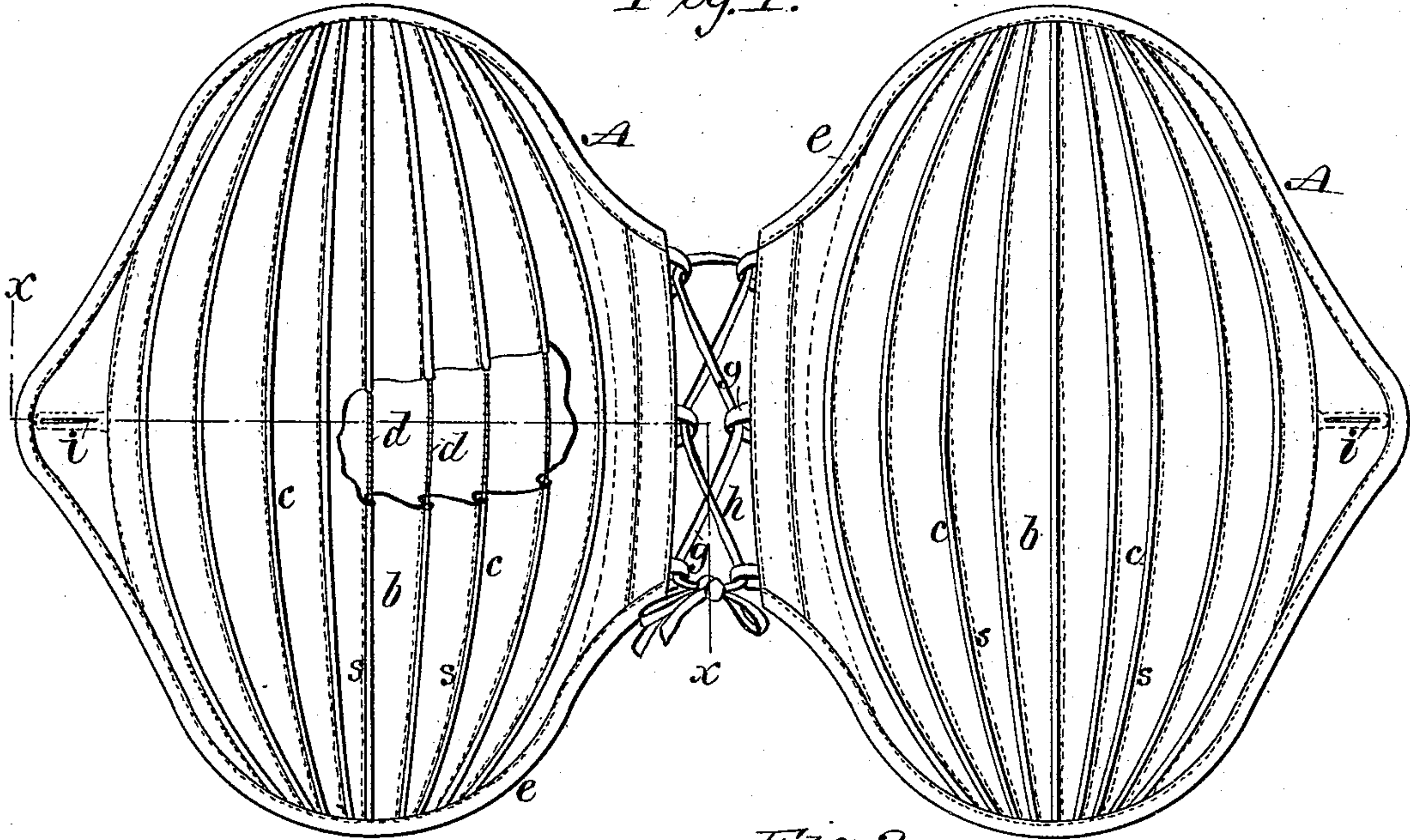


Fig. 2.

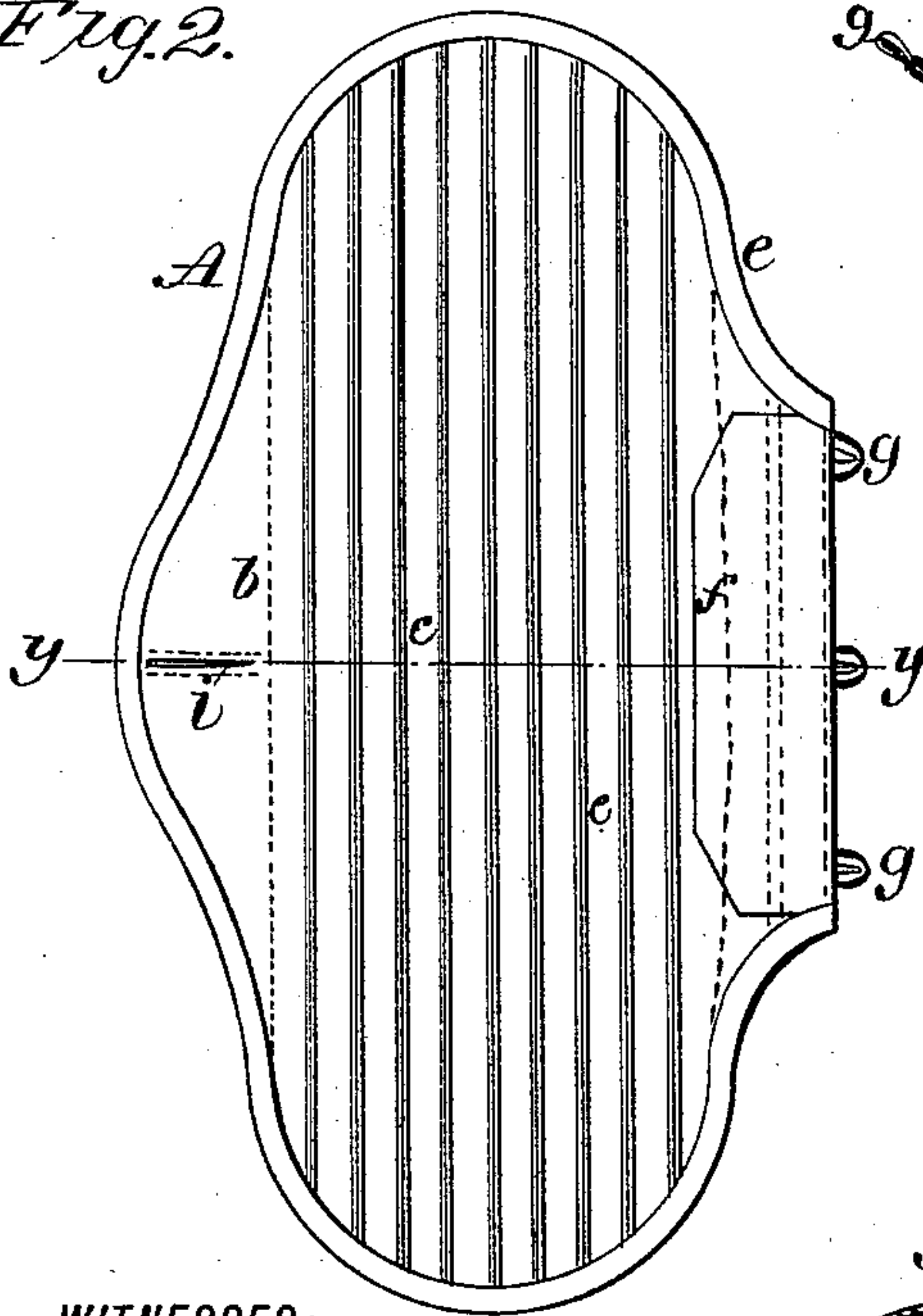


Fig. 3.

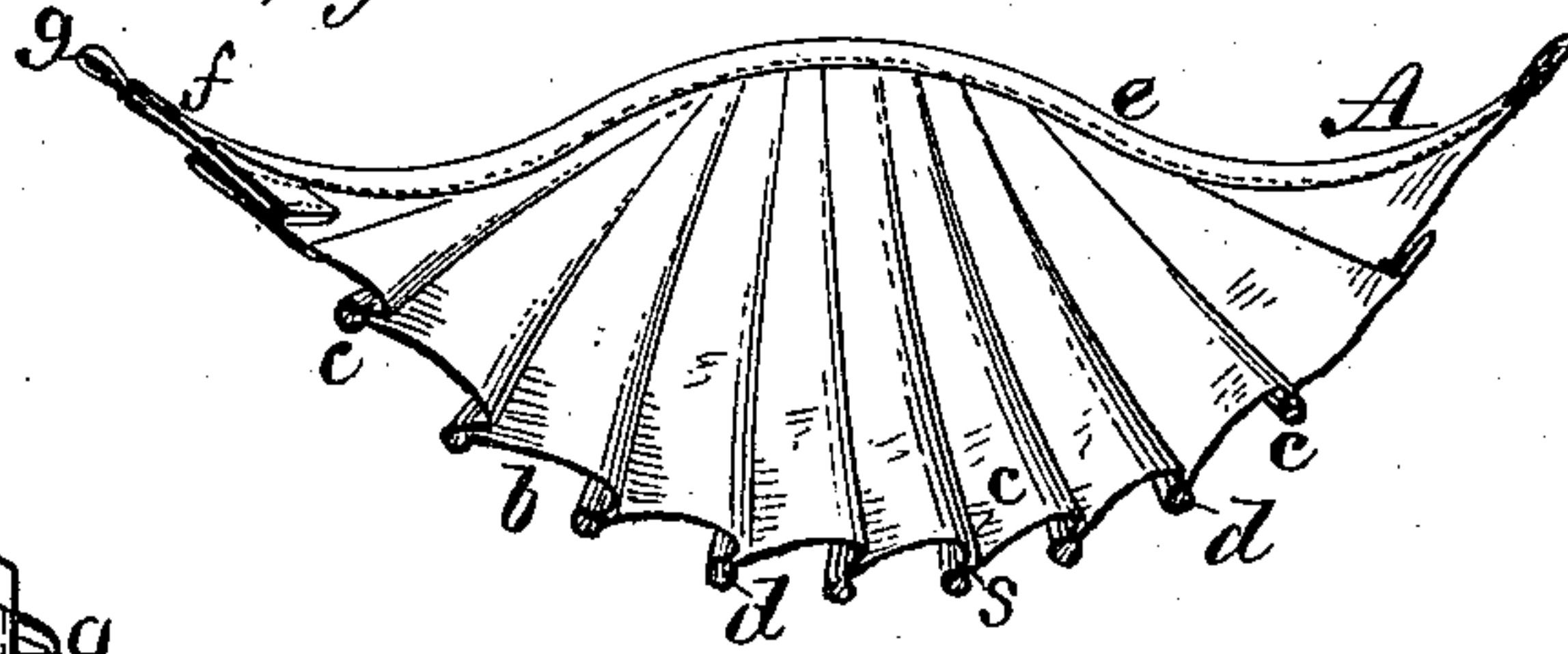


Fig. 4.

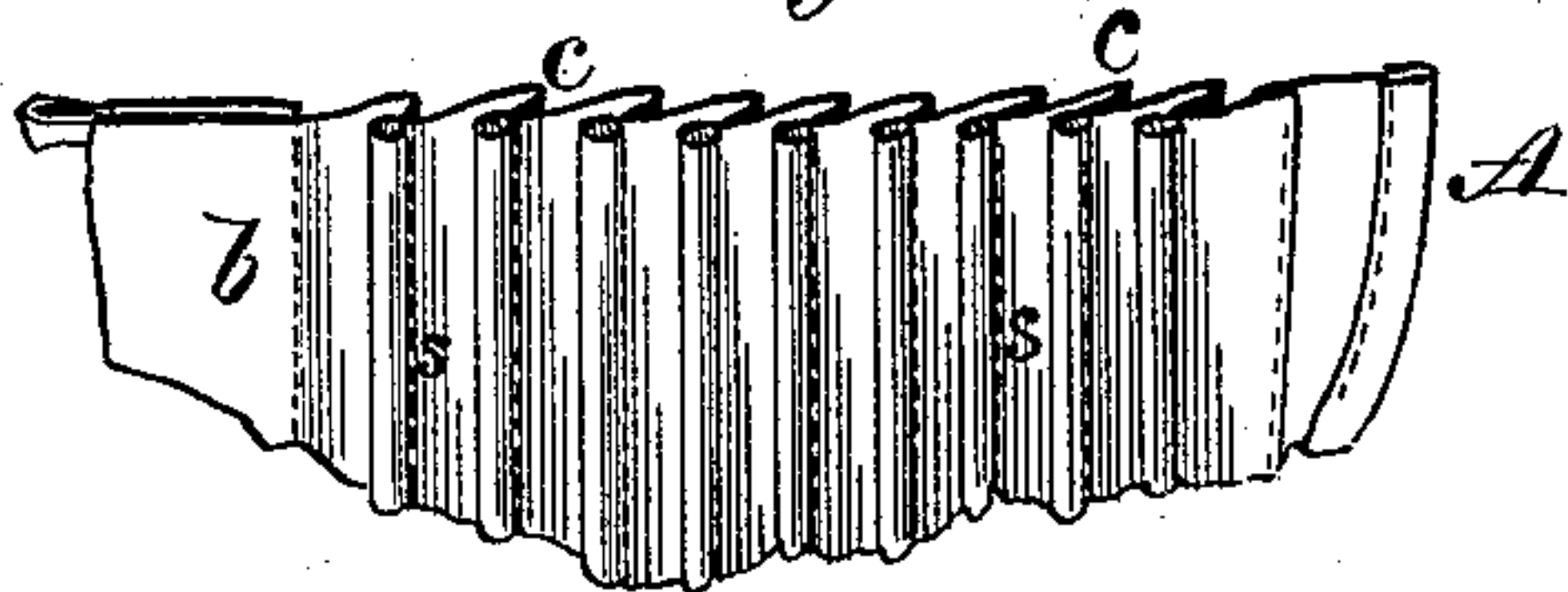
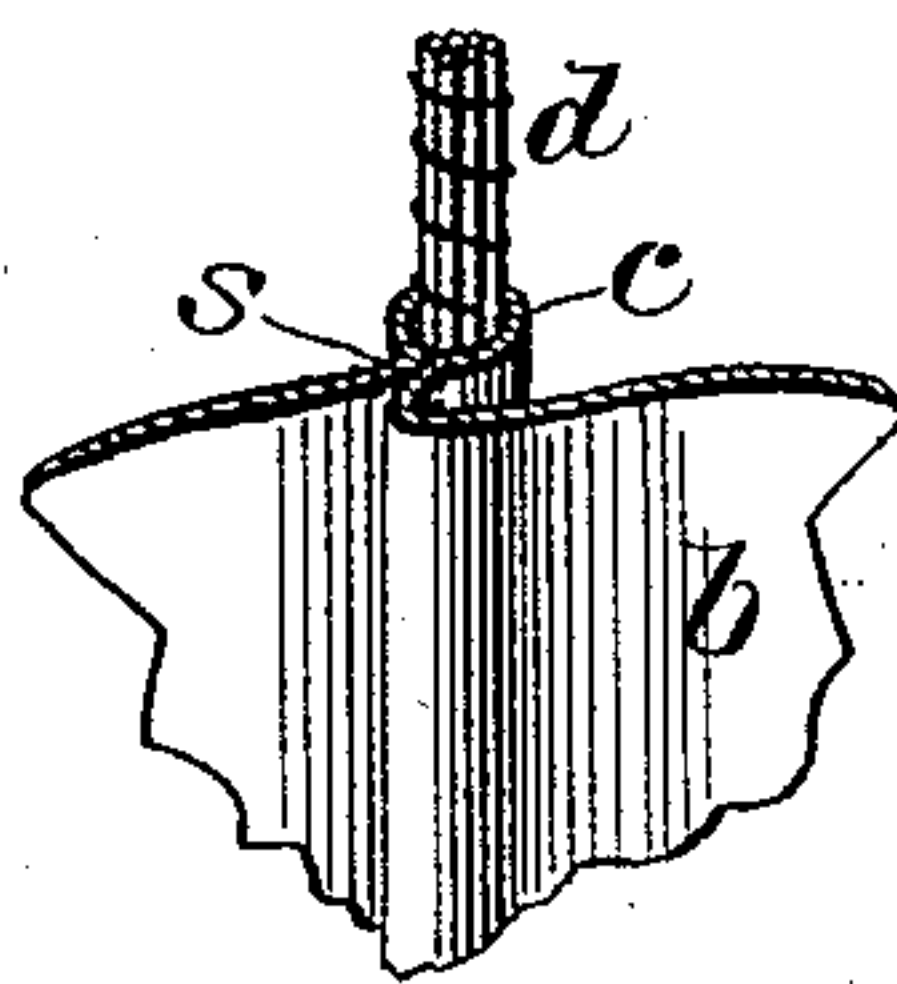


Fig. 5.



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EDWARD K. WARREN AND JOSEPH H. AMES, OF THREE OAKS, MICHIGAN.

BOSOM-PAD.

SPECIFICATION forming part of Letters Patent No. 396,444, dated January 22, 1889.

Application filed September 5, 1888. Serial No. 284,644. (No model.)

To all whom it may concern:

Be it known that we, EDWARD K. WARREN and JOSEPH H. AMES, of Three Oaks, in the county of Berrien and State of Michigan, have
5 invented a new and useful Improvement in Dress and Garment Forms or Busts, of which the following is a full, clear, and exact description.

This invention consists in a form or bust to
10 be applied to the female figure or person, of a novel construction, and which is not only capable of cheap and rapid production, but is made entirely of materials not susceptible of
15 being injured or destroyed by perspiration or laundering, and is both light and elastic, substantially as hereinafter described, and pointed out in the claims, said device either being capable of being used separately as a
20 form or of being applied to any garment and easily adjusted thereto, as required.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

25 Figure 1 represents a partly-broken front view of a pair of connected breast forms or improvers embodying our invention and as partly distended. Fig. 2 is an inner face or back view of one of the forms or busts when
30 not distended. Fig. 3 is a transverse section upon the line *x x* in Fig. 1. Fig. 4 is a transverse sectional view, in perspective, upon the line *y y* in Fig. 2; and Fig. 5 is a detail view upon a larger scale, showing a prominent peculiarity of construction of either breast-form,
35 as hereinafter described.

A A indicate a pair of breast or bosom forms, each of which is similarly constructed, as follows: The general configuration of each
40 form or bust *A*, before being distended, is a curvilinear oblong one, the greatest length then being in an up-and-down direction, and the structure presenting a flat appearance, as shown in Fig. 2. Its facing or covering *b* is
45 made of any suitable textile fabric or flexible laundering material, and the same formed with a series of longitudinal loose plaits or folds, *c*, looped to form pockets, within which are arranged and secured, as by rows of out-
50 side stitching *s*, elastic cords or blades *d* in the form of ribs or rods, vegetable or animal,

as distinguished from metallic material—such as cane, horn, whalebone, but preferably “featherbone”—and so that, unlike metallic stiffenings or steels, they, as well as their cov- 55
ering and the whole form, will not be susceptible of being injured or destroyed by perspiration or laundering. In some cases, as for summer wear, silk or thread gauze may be stitched in or used for the facing. After the 60
form or bust has been thus made a binding, *e*, is applied to its margin, and, preferably, a re-enforcing-piece, *f*, secured to its back on its inner side, and loops *g* attached thereto for a lacing, *h*, to connect a pair of forms, as 65
shown in Fig. 1, while the opposite or outer side of the form may have a button-hole, *i*, in it for attaching the form to a garment; but any other provision may be made for uniting the forms and readily attaching them to the 70
garment, or they can be used separate therefrom, as desired. Upon distending or pulling laterally on these forms *A A* they will be changed from the flat shape shown in Fig. 2 to the partly-globular form shown in Figs. 1 75
and 3, which will be the shape they assume when in use, the elastic cords *d* being bound at their ends, but springing or spreading apart in between their ends, and the loose portions of the facing *b* between said cords also being 80
spread or drawn outward to give the desired rounded figure to either form, which, upon tension being released, again resumes its flat shape, and so that a pair of these forms may be packed away flatwise, one upon the other, 85
when not in use. To secure the distention of the forms *A A*, as described, it is necessary that the plaits or folds *c c* should be secured at their ends from spreading laterally, which may be done by the binding *e*, or otherwise. 90

Dress and garment forms or busts thus made will be light, airy, and elastic and free from all stiffness, and will not be liable to injury or destruction by perspiration or laundering.

Having thus fully described our invention, 95
we claim as new and desire to secure by Letters Patent—

1. A dress and garment pad or form having its covering or facing composed of a single thickness of cloth, with elastic ribs ar- 100
ranged at suitable distances apart, secured by stitching thereto, and having its ends at the

opposite ends of the ribs gathered or drawn together, substantially as specified.

2. The within-described dress and garment
5 pad or form, consisting of a covering or facing of cloth of single thickness, and having stitched pocket-like plaits in it, elastic ribs of incorrodible material within said plaits, the whole being gathered or drawn together

at the ends of the ribs, and a marginal binder applied to said gathered portions, essentially as set forth. 10

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Witnesses:

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