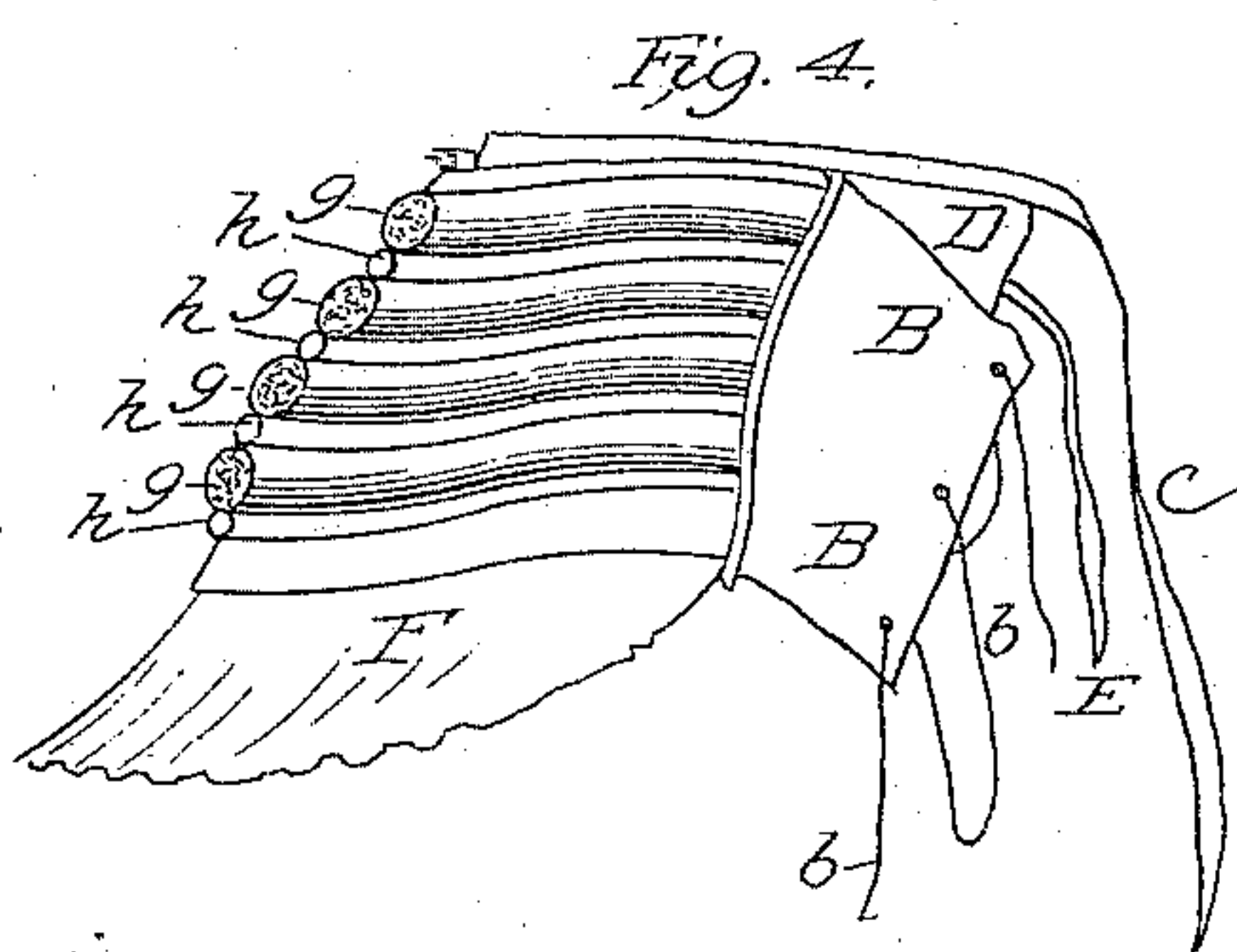
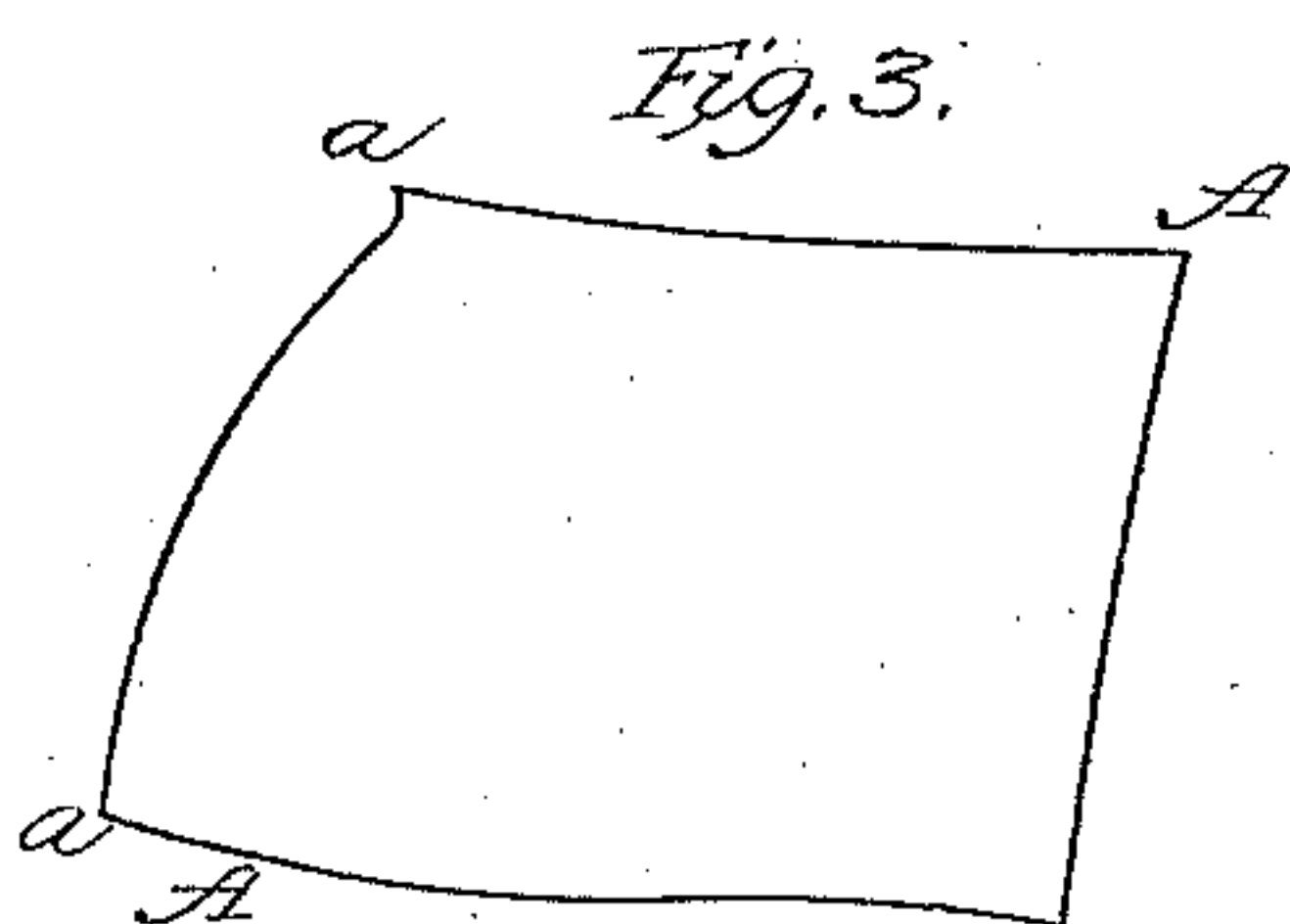
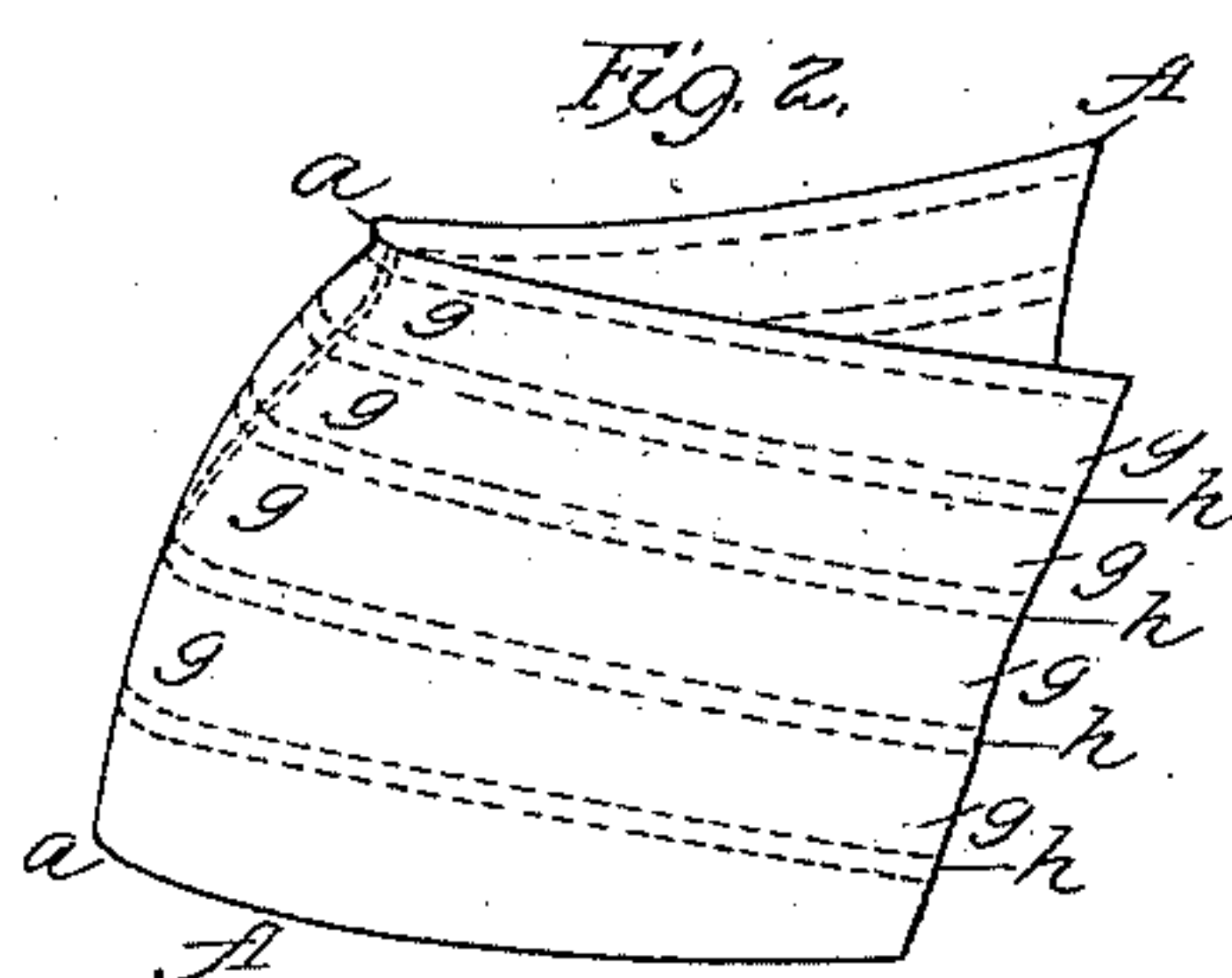
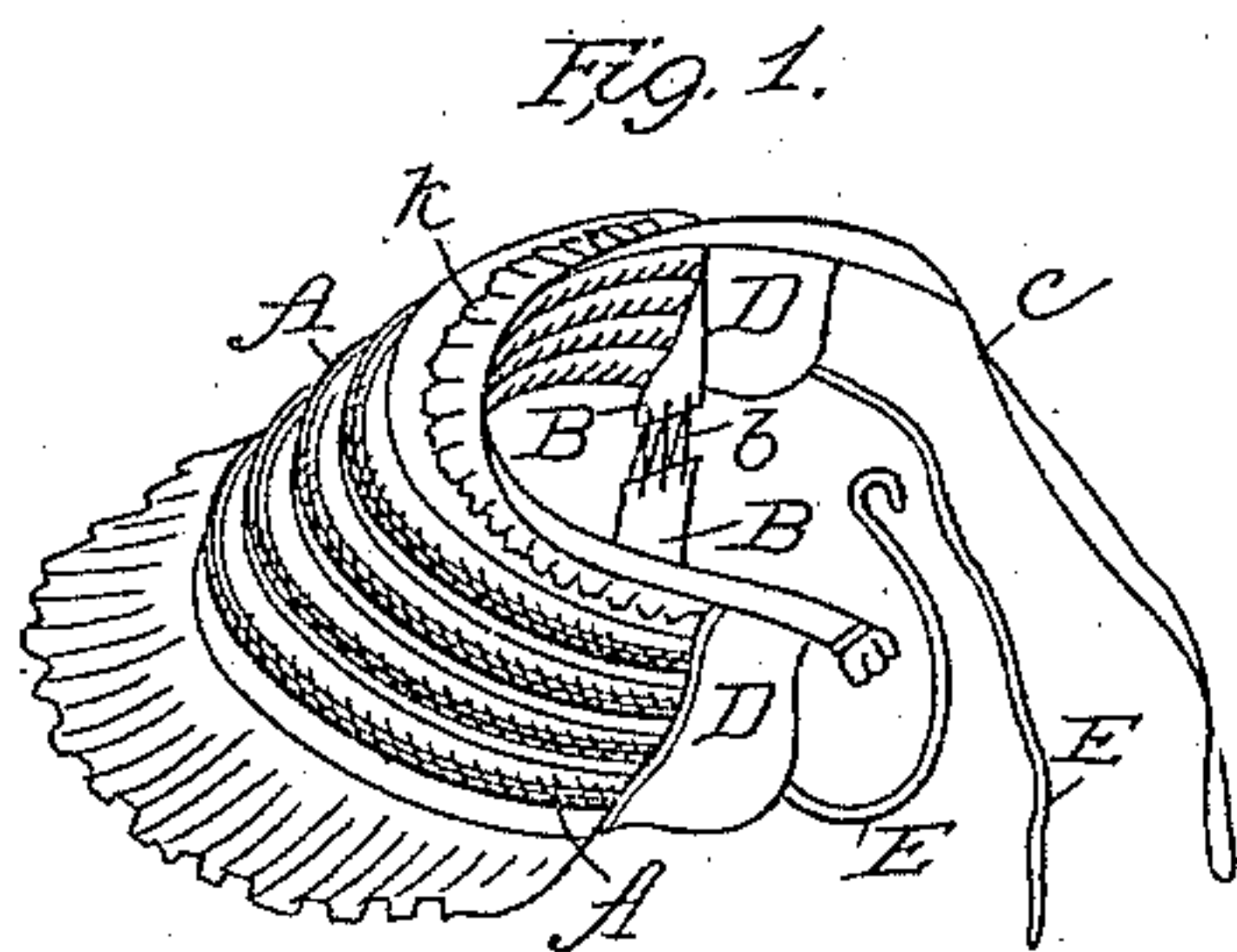


(No Model.)

A. STILES.
BUSTLE.

No. 311,269.

Patented Jan. 27, 1885.



Attest:
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UNITED STATES PATENT OFFICE.

ALBERT STILES, OF JACKSON, MICHIGAN.

BUSTLE.

SPECIFICATION forming part of Letters Patent No. 311,269, dated January 27, 1885.

Application filed May 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, ALBERT STILES, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Bustles or Panniers, of which the following is a full, clear, and exact description, which will enable those skilled in the art to which it belongs to make and use the same, reference being had to the accompanying drawings, in which the same letters in the different figures refer to like parts.

My invention relates to bustles, the object being to produce a graceful contour or desirable form to outer garments.

This invention is of such construction as to avoid entirely the use of elastics, elastic cord, or elastic bands, which are or may be used by others in the manufacture of similar articles, and is of such shape and construction as to be easily adjusted to give desired volume, and yet not be liable to displacement.

Figure 1 is a perspective view of a bustle or pannier constructed according to my invention. Fig. 2 represents the foundation ready to fill with curled hair, moss, hemp, excelsior, or other suitable material, except the hair of cervine animals, for which latter use claims of invention are already allowed. Fig. 3 represents one of the sections which, when properly stitched together, produce the desired form. Fig. 4 is a vertical section of the bustle or pannier.

In the accompanying drawings, A A represent the foundation or body of the bustle. B B represent a laced diaphragm, formed of wings of similar material and attached to the foundation, which are made continuous and of desired length by adjusting the lacing *b*. C C represent the waistband. D D are flies or

aprons secured to the foundation or body and to the waistband, to which the tape or fastening straps E E are secured. F F is a plaited frill.

In Fig. 2, *g g g g* represent a series of tubes, which are made hyperbolic in form by the form of the sections of the foundation on the seam-line *a a*, as represented in Fig. 3, when they are properly stitched together, as in Fig. 2. These tubes are filled or stuffed with curled hair or other material, as before mentioned, as represented in Figs. 1 and 4. Between these tubes *g g g g*, in the small tubes or apertures *h h h h*, are inserted bone, rattan, or wound or hard-twisted cords. These stuffed and corded tubings, being hyperbolic in form, produce and retain the desired shape. Over these hyperbolic tubes, and stitched to the waistband, is a narrow strip of box-plaiting, *k*, made of the same material as the foundation, or of hair-cloth, which fills the space above the tubes and produces a full rounded form.

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

1. A bustle or pannier composed of a body portion, A, having alternating large and small pockets, the said large pockets being filled with a soft or yielding material, and the said small pockets with shaping or stiffening material, substantially as described.

2. A bustle or pannier consisting of a body portion, A, composed of two parts stitched upon the line *a a*, as described, with the pockets *g h*, filled as described, and the laced diaphragm B, all substantially as described.

ALBERT STILES.

Witnesses:

JOSIAH B. FROST,
GEORGE M. DEVLIN.