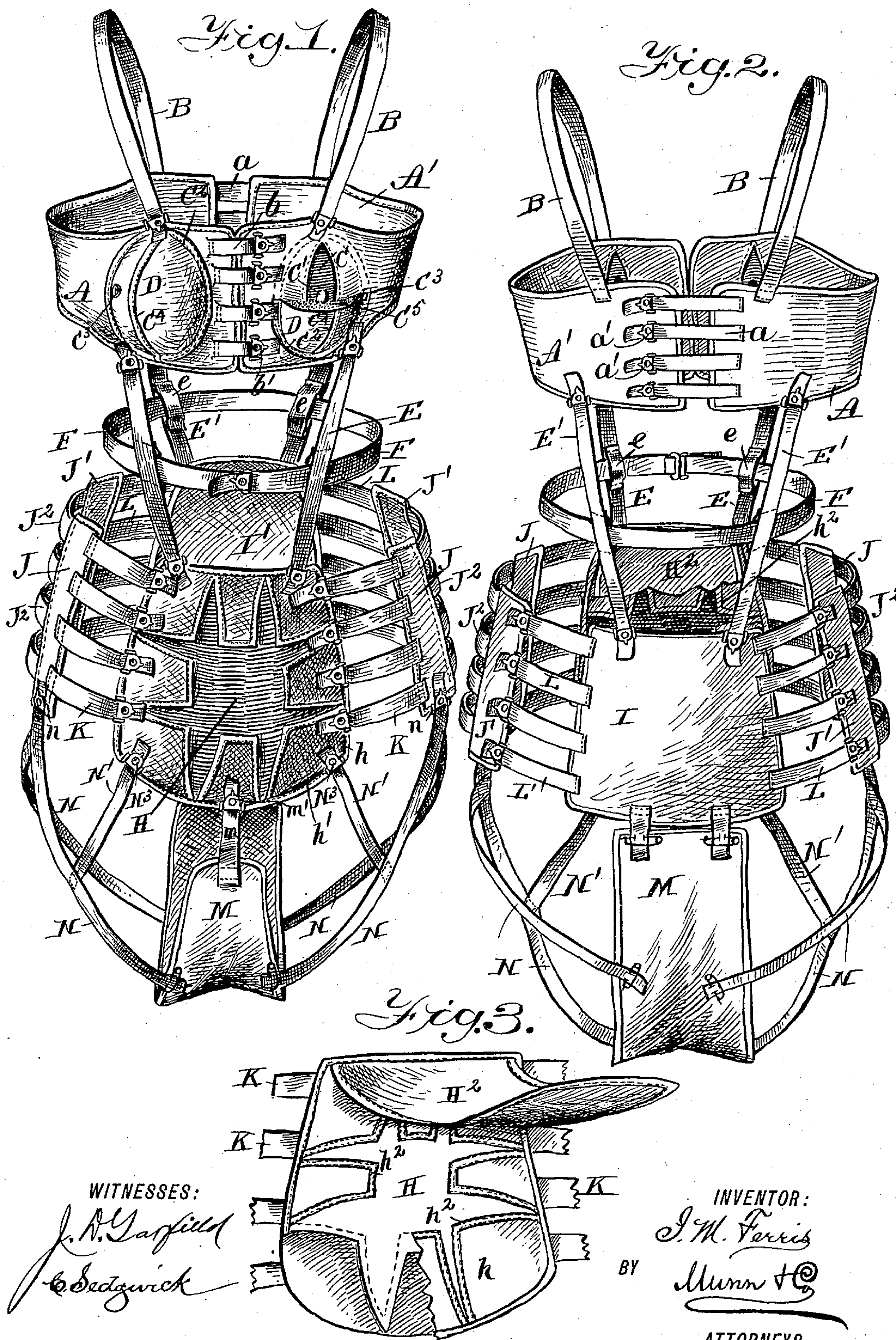


(No Model.)

I. M. FERRIS.
ABDOMINAL SUPPORTER.

No. 407,341.

Patented July 23, 1889.



WITNESSES:
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IDA M. FERRIS, OF OSAGE CITY, KANSAS.

ABDOMINAL SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 407,341, dated July 23, 1889.

Application filed August 22, 1888. Serial No. 283,438. (No model.)

To all whom it may concern:

Be it known that I, IDA M. FERRIS, of Osage City, in the county of Osage and State of Kansas, have invented a new and Improved
5 Abdominal and Breast Bandage, of which the following is a full, clear, and exact description.

The object of my invention is to reduce the size of the abdomen and uterus after confinement, and also to relieve the breast of lacteal
10 fluid and absorb the fluid as it flows from the nipple; and it consists in the parts which will be hereinafter described, and pointed out in the claims.

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

Figure 1 is a front elevation, Fig. 2 is a rear elevation, and Fig. 3 is a detail perspective
20 view, of the inner side of the part that covers the abdomen, the flap thereof being shown in an elevated position.

The construction for the breast consists in a wide belt-bandage formed in two parts A
25 A', which are united at the back by a series of straps and buckles *a a'* and at the front by straps and buckles *b b'*. Each part A A' is provided with a shoulder-strap B, and each is also provided on the front side with an elliptical rubber strip C, having an opening C' for
30 the nipple.

D is a circular piece or cover for the rubber strip C. This cover is secured to the outer side of the breast-bandage by a semi-
35 circular line of stitching C², the other half of the cover, which is free, being provided with a button-hole for engaging a button C³. The cover is composed of two pieces, which are united by stitches C⁴. When the cover is pressed outward, it is concavo-convex; but it
40 may be folded and lie flat, as shown in the left-hand cover, Fig. 1. The upper half of the right-hand cover in said figure is cut away, disclosing the rubber nipple-strip and a liquid-absorbing material C⁵ on the inner side of
45 the cover.

E E' are straps and buckles for uniting the breast and abdominal parts, the inner side of each of said straps being provided with a
50 keeper *e* for the reception of the belt F.

The abdominal part proper or pad H is preferably of rubber cloth with an edge bind-

ing *h*. This rubber is re-enforced on both sides by radial or star pieces *h' h²*.

H² is a flap secured at its upper edge to the
55 inner upper side of the pad H. This flap is partly broken away in Fig. 2.

I is a back rectangular rubber-faced pad having an inner cloth lining I'. There are four rubber faced and lined hip-pads J J'—
60 two on each side. The pads J J' are connected, respectively, by elastic bands J². The two forward pads J are connected by straps and buckles K to the respective sides of the abdominal pad H, and the two rear pads J'
65 are connected by straps and buckles L to the respective sides of the back pad I.

One end of a napkin M is suitably secured to the under side of the back pad I, the forward part of said napkin being provided with
70 a strap *m* for engaging a buckle *m'* on the under side of the front pad H. The napkin is supported on each side by a double united strap N. The upper end of each strap N is secured by buckle *n* to one of the hip-pads
75 aforesaid. There are two short straps N', the lower end of each being fixed, respectively, to one of the straps N. The upper end of each strap N' is secured by buckle N³ to the under
80 side of the front pad H.

The operation is as follows: By means of the several straps and buckles the device may be adjusted to figures of various sizes. The breast part or bandage may be contracted, so
85 as to produce a desired pressure on the wearer's body and cause a gradual flow of the lacteal fluid from the nipple through the opening C', and thence into the absorbent material C⁵. The pressure thus produced on the lacteal glands forces out the fluid, and thereby
90 prevents inflammation and the attendant trouble. The pad H may be adjusted as desired, so as to effect a pressure on the abdomen and produce a reduction thereof and also a reduction of the uterus.
95

I do not wish to limit myself to any particular material in the construction of my device, as it is obvious that various kinds may be employed without departing from the spirit
100 of the invention.

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

1. In a bandage, the combination of the

front and rear parts H I, the hip-pads J J, the elastic bands J², connecting the hip-pads, and the straps and buckles K L, connecting the hip-pads to the front and rear pads H I, substantially as herein shown and described.

2. The combination, with a breast-bandage, of an abdominal and back pad, straps for connecting the said pads, the keeper-straps

E, for connecting the bandage and pads aforesaid, and a belt engaged in the keepers of the straps E, substantially as described.

IDA M. FERRIS.

Witnesses:

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