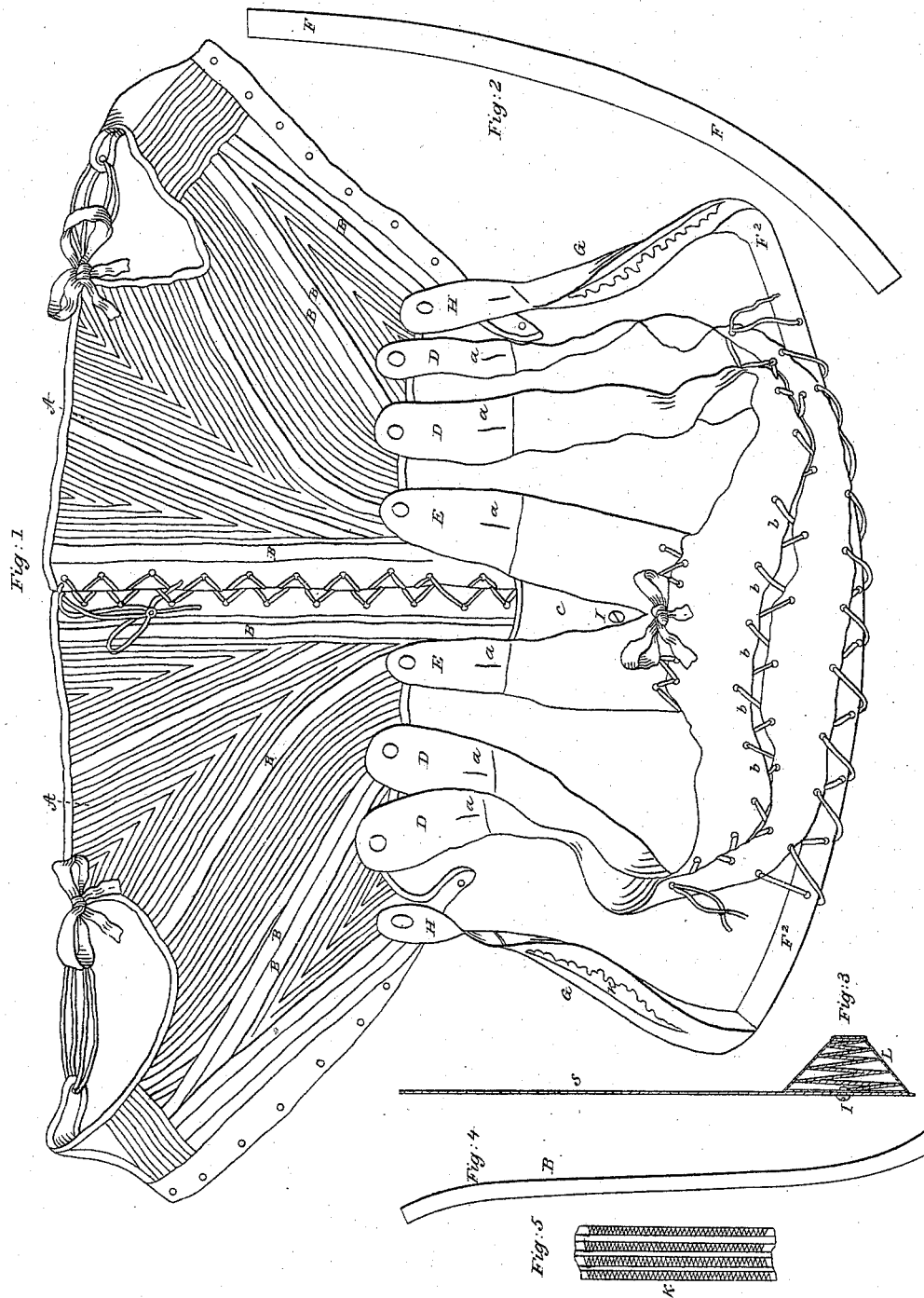


M. P. Dibble,

Bandage.

N^o 2,630.

Patented May 20, 1842.



UNITED STATES PATENT OFFICE.

MARIA P. DIBBLE, OF NEW YORK, N. Y.

UMBILICAL SUPPORTER COMBINED WITH A CORSET.

Specification of Letters Patent No. 2,630, dated May 20, 1842.

To all whom it may concern:

Be it known that I, MARIA P. DIBBLE, of the city, county, and State of New York, have invented a new and improved mode of effecting the reduction and support of the various kinds of hernia, principally intended for the use of females and especially in cases of umbilical hernia and of prolapsus uteri, which I perform by means of an apparatus which I denominate the "stay-truss" or "umbilical supporter;" and I hereby declare that the following is a full and exact description of the same.

It is well understood that the application hitherto made use of in such cases consists of steel trusses of such various forms as fancy or convenience may suggest, which trusses are often inconvenient to wear and illy adapted to female use. Now to remedy this inconvenience, and to furnish at the same time a more efficacious application I construct, in the first place a corset similar to those worn by females as an article of dress, the form of which, with the additional appendages are shown in the drawing hereto annexed.

A A represent the corset which, as above stated is nearly in the usual form.

B B B &c. show the situation of steel springs stitched in the body of the corset one of which is seen at Fig. 4. The corset has an opening in the center, which divides it vertically into two halves except the lining, forming a situation in which the main umbilical springs is inclosed by lacing as seen in Fig. 1. S Fig. 3 shows the spring. The lower end of said spring is covered with morocco or other suitable covering, as seen at C Fig. 1 and on the back or inside of said spring is the umbilical compress L Fig. 3 consisting of a spiral spring, wound in the short frustrum of a cone, and covered

with soft leather or any other suitable covering and secured to spring S by screw I.

D D D D &c. are supporting belts, buttoned at the ends to the lower edge of the corset which may be shortened in effect by the button holes below at a a a a.

E E are two short or center belts, buttoned as above and supporting the belts D D &c. in the center by lacing. The belts D D &c. have their approximate edges laced together at b b b &c; F F a steel spring of two inches, more or less in width which I term the abdominal supporter, which is inclosed in suitable belt or covering F². This spring is secured by lacing in holes or eyelets through the edge of its covering, and is connected at the ends with two supporting belts G, G, which are buttoned to the corset at H H, which last belts are double and are not only of elastic material, but are rendered more elastic by spiral springs K of brass wire inclosed in oiled silk. See K Figs. 1 and 5.

When the above described corset is placed round the waist and drawn tight by lacing at the back, the abdominal spring F with the belts D, E, F² G will inclose the abdomen with equal tension. It is not deemed necessary to describe the mode of application to all the various cases of hernia which may possibly occur, as steel springs and compresses may be attached to the above described apparatus suited to each case.

I claim—

The combination of the belts D, E, F² G and springs F, L, K S constituting the umbilical supporter with the corset A in the manner and for the purpose set forth.

MARIA P. DIBBLE.

Witnesses:

WM. H. HARNED,
SAML. BLYDENBURGH.