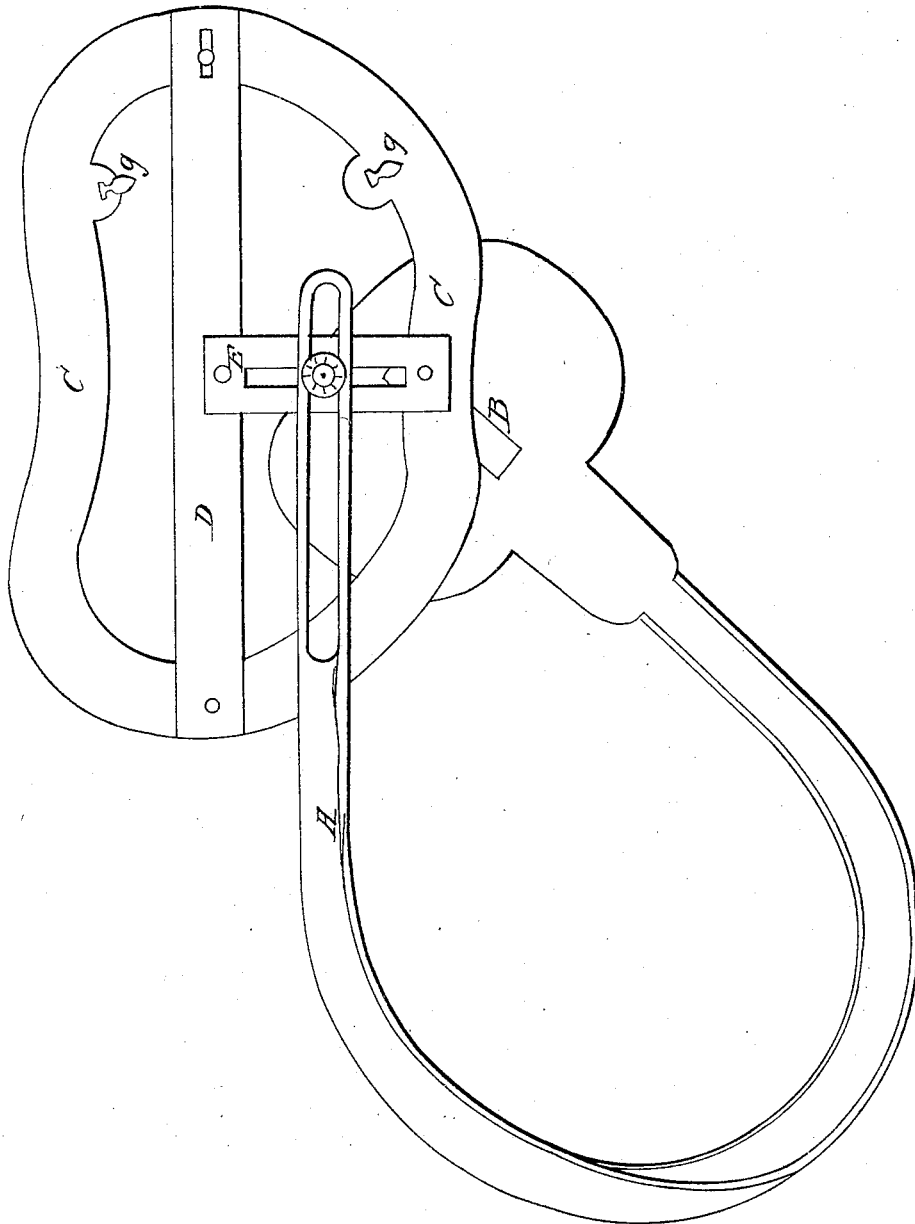


J. A. Campbell,

Truss.

N^o 2,041. Patented Apr. 10, 1841.



UNITED STATES PATENT OFFICE.

JOHN A. CAMPBELL, OF LIMA, NEW YORK.

ABDOMINAL SUPPORTER OR TRUSS FOR PROLAPSUS UTERI.

Specification of Letters Patent No. 2,041, dated April 10, 1841.

To all whom it may concern:

Be it known that I, JOHN A. CAMPBELL, of Lima, in the county of Livingston and State of New York, have invented a new and improved mode of applying pressure to the lower part of the abdomen for the purpose of curing those affected with the disease called "prolapsus uteri" or the falling down of the womb; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists of a semi-elliptic spring and a spring-adjuster, and the application of pressure to the abdomen, by the use of the spring and spring-adjuster in connection with body spring A, and back pad B, and the pad-rim b.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I make the body or main spring A of steel tinned, the back pad B, and the rim of the front pad C, are made of sheet-iron tinned, convex on the outer, and concave on the inner surface, to fit the shape of the abdomen.

The semielliptic spring marked D, is made of steel tinned the ends of which are fastened to the lateral edges of pad rim C, by rivets, one end permanently, and the other has a mortise in it, which allows the spring to play under the head of the rivet, thereby adapting itself to the position of the rim, which is made to conform to the greater or less convexity of the abdomen, making the pressure equal on the abdomen of all, whether flat or convex.

The spring-adjuster E, is made of iron tinned the upper end is riveted to the spring D, and the lower end to the rim C, it has a mortise the entire length of the space from the spring D, to the rim C, through which mortise passes the movable screw F, which is made of brass and passes through the mortise of the main-spring A, over which spring is a washer and a nut or female screw, which

secures the spring wherever it is desired thereby allowing the pressure to be brought to bear on any part of the adjuster E, yet retaining the pressure on the upper and lateral parts of the pad-rim thereby forcing the contents of the inferior part of the abdominal cavity upward and backward, thereby relieving the womb from the burden which has caused its displacement, or disease and allowing it to resume its natural position, which with the effort of nature are sufficient to effect a radical cure.

The rim of the pad is wound with flannel and stuffed with wool or deer's hair, the inner surface is stuffed with bats of coarse wool and layers of blanket, which is covered with buckskin over which is a cover of linen or satin-yarn on the inside, and the outside with sheep or goat skin.

The stuffing of both pads the spring and the strap that go around the body are quilted or stitched, to the end of which strap are attached two short straps of calfskin with buttonholes for receiving the buttons of the front pad rim. It is then applied by placing the lower part of the front pad on the abdomen directly above the os pubis, and the back pad on the os sacrum, bringing the strap around the body and fastening the straps on the buttons of the front pad.

I do not claim as my invention either the abdominal or the back pad, neither do I claim the body spring. But what I do claim as my invention and desire to secure by Letters Patent is—

The arrangement of the spring D, and the spring-adjuster E, in combination with the abdominal pad. Body spring and back-pad, for the purpose of regulating the pressure of the abdominal pad, constructed and operating as hereinabove described.

JOHN A. CAMPBELL.

Witnesses:

A. A. MORGAN,
I. E. FLOWER.