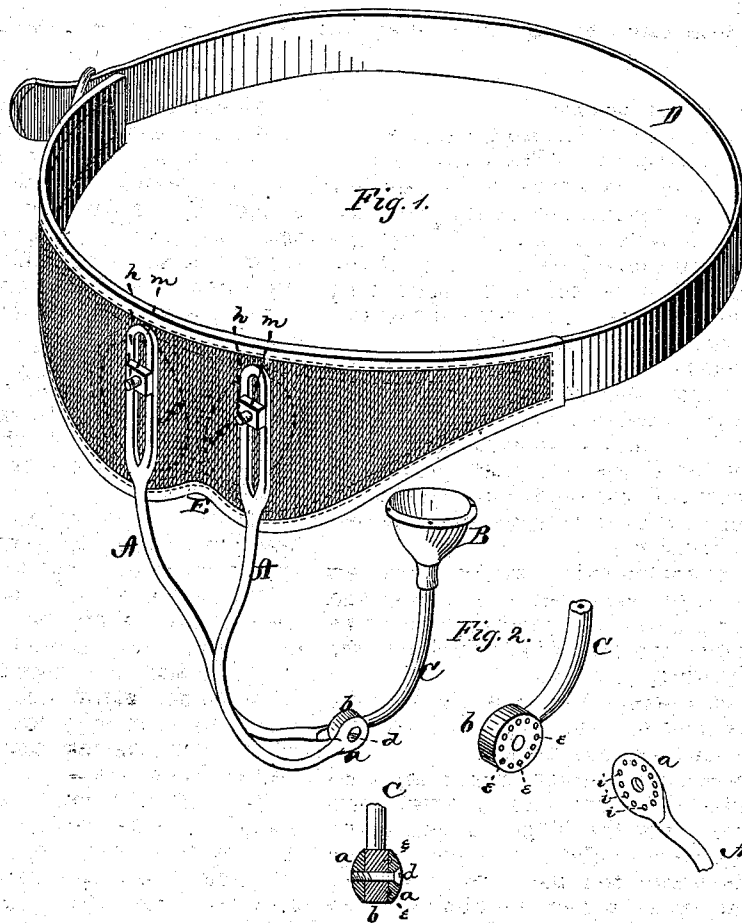


G. DIRKSEN.

Uterine Supporters.

No. 136,046.

Patented Feb. 18, 1873.



Witness:

Henry N. Miller
C. L. Ewert.

Inventor.

Gerrit Dirksen.
per *Handwritten signature*

Attorneys.

UNITED STATES PATENT OFFICE.

GERRIET DIRKSEN, OF FREEPORT, ILLINOIS.

IMPROVEMENT IN UTERINE SUPPORTERS.

Specification forming part of Letters Patent No. 136,046, dated February 18, 1873.

To all whom it may concern:

Be it known that I, GERRIET DIRKSEN, of Freeport, in the county of Stephenson and in the State of Illinois, have invented certain new and useful Improvements in Uterine Supporters; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

My present invention is intended as an improvement upon the uterine supporter for which Letters Patent were granted to me November 12, 1872; and it consists in the construction of the hinge with small projections upon one part and corresponding recesses on the other part, so as to hold the hinge permanent while being worn.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, showing the belt and supporter; and Fig. 2 shows the hinge in section and detached.

A A represent the slotted arms of my uterine supporter, the lower ends of which form the two jaws *a a* of the hinge. B represents the cup with stem C, and on the lower end of this stem is formed the disk *b*, to be inserted between the jaws *a a*, and the whole secured by a single bolt, *d*, through the center, as shown. On one side of the disk *b* are formed a series of projections, *e e*, at equal distances apart from each other and from the center hole, through which the center-screw *d* passes. In one of the jaws *a* on the inner side are formed corresponding recesses *i i*, in which the projections *e e* fit, so that the stem can be set at any angle desired, and when the screw *d* is tightened the hinge will be held permanent while being worn. D represents the belt

for attaching the uterine supporter, said belt being provided with a downward projection, E, in front, and in said projection are fastened two oval plates, *f*, which are placed inclined so that their upper ends will be further apart than the lower. From each plate *f* projects forward a screw or bolt, *h*, and upon these two screws the slotted arms A A of the supporter are placed and adjusted, and then secured by nuts *m m*, as shown. The projection E in the front of the belt has a tendency to relieve the womb from the pressure of the bowels resting thereon, and at the same time has a tendency to keep the supporter steady, each arm of the same being attached to one of the plates.

I make no claim to the special form of belt described, but prefer to use such form of belt with my uterine supporter.

By my form of adjustment above described the cup may readily be set at any angle desired, and there secured rigidly by means of the projections and recesses in the disk and jaws and the lateral screw.

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

The arms A A with jaws *a a* at their ends, one of the jaws having small recesses *i i* on its inner face, when used in combination with the stem C having a disk, *b*, at its lower end provided with small projections *e e* on one face, the parts secured together by the lateral adjusting-screw *d*, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of December, 1872.

GERRIET DIRKSEN.

Witnesses:

JOHN COATES,
GEO. WOLF.