

(No Model.)

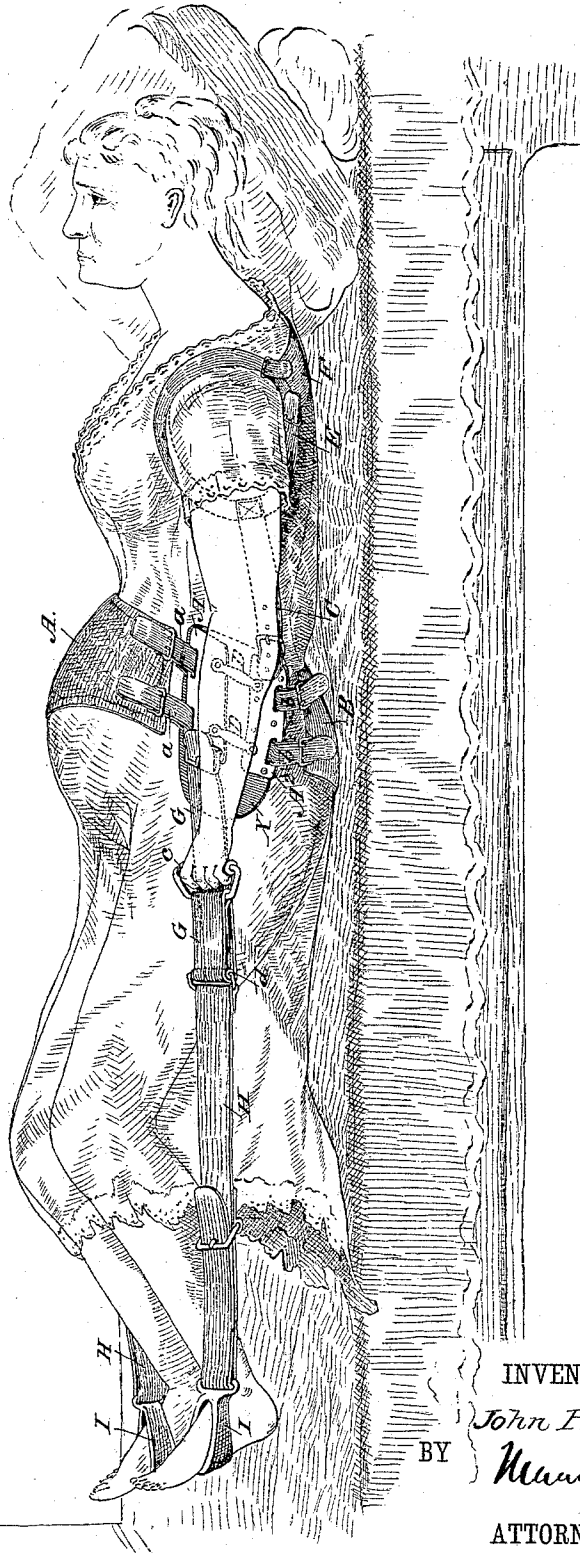
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J. P. TURNEY.
OBSTETRICAL APPLIANCE.

No. 412,999.

Patented Oct. 15, 1889.

Fig. 1.



WITNESSES:
Fred G. Dieterich
Edw. W. Byrne.

INVENTOR:
John P. Turney
BY *Munn & Co.*
ATTORNEYS.

(No Model.)

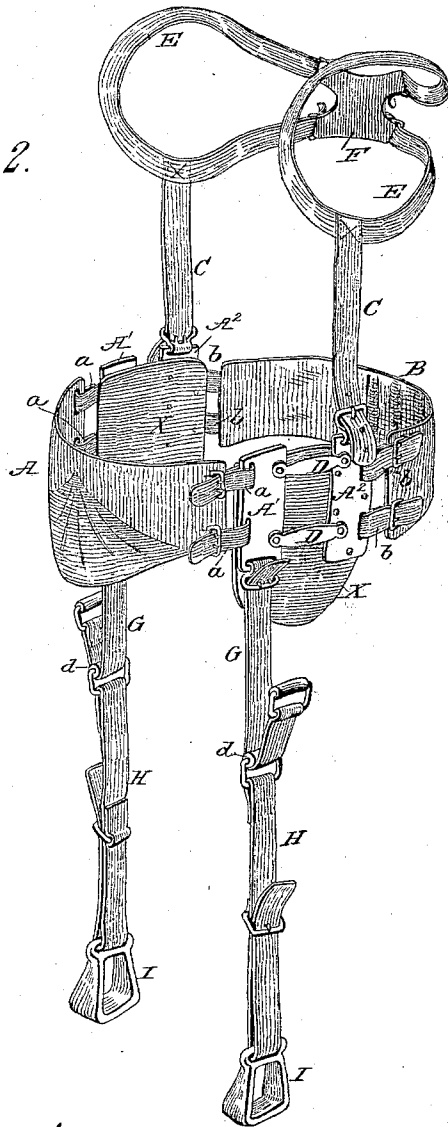
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OBSTETRICAL APPLIANCE.

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Patented Oct. 15, 1889.

Fig. 2.



WITNESSES:
Fred G. Dieterich
Edw. W. Byrne,

INVENTOR:
John P. Turney
BY *Munn & Co.*

UNITED STATES PATENT OFFICE.

JOHN P. TURNEY, OF ARLINGTON, OREGON.

OBSTETRICAL APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 412,999, dated October 15, 1889.

Application filed February 4, 1889. Serial No. 298,567. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. TURNEY, of Arlington, in the county of Gilliam and State of Oregon, have invented a new and useful Improvement in Obstetrical Appliances, of which the following is a specification.

The object of my invention is to provide an obstetrical harness to be applied to the person of the woman when in child-birth for the purpose of facilitating labor; and it consists in the peculiar construction and arrangement of the harness, whereby the muscles are braced for the expulsive strains, the back supported, and a progressive pressure applied to the abdomen, as will be hereinafter fully described.

Figure 1 is a view of the harness as applied in actual use. Fig. 2 is a perspective view of the harness detached.

In the drawings, X represents a leather pad or shield, of which there is one upon each side of the harness, arranged to rest upon the hip. To this pad is firmly attached by rivets a plate A². To the plates A² of each shield there is adjustably fastened by straps and buckles *b b* a broad back-band B, whose middle portion is padded to fit the small of the back. From the upper end of plates A², which constitute the ends of the back-band, there extends on each side a strap C, which at the top connects with shoulder-loops E, which two shoulder-loops are buckled to a connecting-pad F between the shoulders. The plates A² are to all intents and purposes to be considered a part of the back-band B. To the plates A² are jointed on each side two link-bars D D, whose other ends are jointed to a plate A', corresponding to A², which plates A' are connected by straps and buckles *a a* to an abdominal pad A, which is fashioned to correspond to the outline of the body and rests upon the abdomen just above the uterus. The plates A' have a perfect freedom of motion over the shield X, and the lower ends of said plates are connected to straps G, having hand-holds *c*. These straps G pass around rollers or loops *d*, which are held in the upper ends of straps H, having at their lower ends stirrups or foot-supports I.

In making use of this invention the arms are placed through the shoulder-loops E, the pad B is placed under the small of the back,

the pad A upon the upper portion of the abdomen, the feet are inserted in the stirrups, and the handles *c* are grasped by the hands. Now when the labor-pains occur the feet are pressed down, the handles *c* are pulled upon, and the muscles of the body are braced and put in tension. At the same time the strain of strap G pulls down plates A' A', which swing by reason of links D, and the abdominal pad A is made not only to press upon the uterus, but has a progressive motion downward, which mechanical action materially assists in the expulsion of the child. At the same time, also, the pad B, by pressing against the back, supports and braces the same and relieves the patient of the strain and resultant backache which are so frequently experienced.

If the labor progresses too rapidly and it is not desirable to assist the same, it is only necessary to remove the feet from the stirrups and release the hand-holds.

Having thus described my invention, what I claim as new is—

1. An obstetrical harness consisting of a back-pad B and an abdominal pad A, loosely connected, so as to have independent action, shoulder-loops connecting with the back-pad, and stirrups or foot-supports connecting with the abdominal pad to give a tightening action and downward progressive motion to the abdominal pad, as described.

2. An obstetrical harness consisting of a back-pad B and an abdominal pad A, loosely connected, shoulder-loops connected to the back-pad, and stirrups and hand-holds connected to the abdominal pad, the hand-holds being extended through a roller or loop of the stirrup-straps, as described.

3. The combination, with the stirrup-straps and the shoulder-straps, of the back-pad B, with plate A² connected to it by straps and buckles, the link-bars D D, and the abdominal pad A, having plate A' connected to it by straps and buckles and jointed to the links D D, and the underlying pad or shields X, substantially as shown and described.

JOHN P. TURNEY.

Witnesses:

C. W. PALLETT,
N. A. CORNISH.