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T. Larrence,

Truss.

Patented Aug. 4, 1834.

Fig: 1.

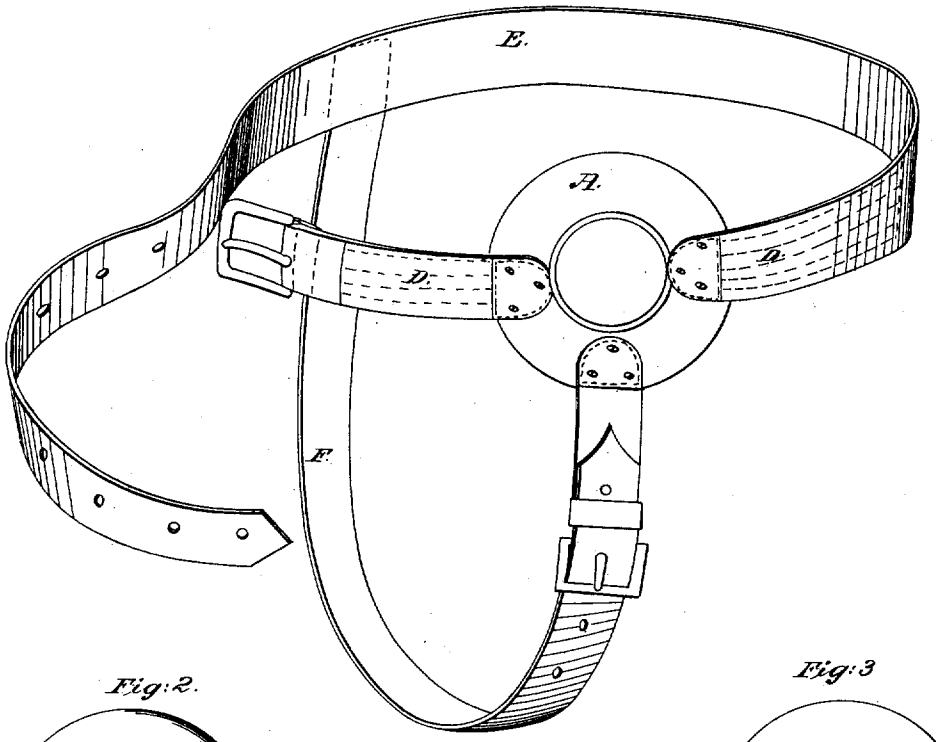


Fig: 2.

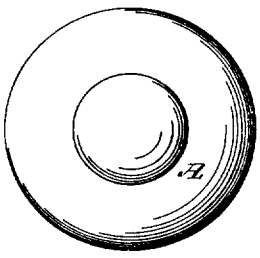


Fig: 3

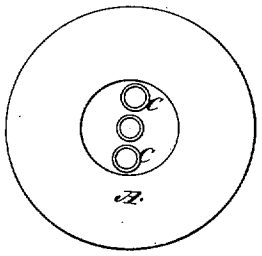
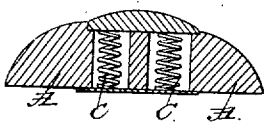


Fig: 4.



AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

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Thomas Laurence Clark County Kentucky

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Thomas Laurence himself of his improvement in a truss for the cure of hernia or rupture

To all to whom these presents shall come. Be it known that I Thomas Laurence of the County of Clarke and State of Kentucky have invented a new truss for the cure of hernia or rupture and that the following is a full and exact description of the construction and operation of said truss so invented by me. A small block of wood from two to five inches in diameter as the size of the Patient may require, is made round with one side flat and the other oval having a hole in the centre thro which a wooden pin with a head on it works by means of spiral springs. The head of the wooden pin is on the oval side of the block. and its head must be proportioned to the rupture to which it is to be applied. The spiral springs are fixed on each side of the pin going across the top thereof. and fastened in the face of the smooth surface of said block. The spiral springs are made of coarse wire and the said block is to be confined to the place intended by springs fastened on the flat surface to which straps will be fastened to go around the body. Said last mentioned springs are three in number and may be spiral made of wire or they may be made of Gum Elastic. one of which is fastened on each side opposite each other. the other on the lower part so that a strap may be attached thereto, and brought around so as to prevent the truss from moving up and down in its position. If the Patient is ruptured on each side a truss for each rupture is made similar to the above described one. and the two are fastened together with a spiral spring of the proper length in the centre. which may be also made of Gum Elastic. or any other substance having sufficient spring and elasticity and they both

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may be confined by a single single strap for a each one going around the body and fastening, and one from the lower part of each one in the manner before detailed. The part of the block that is oval is to be regulated by the condition of the patient. If the patient is macciated and lean it will have to be much more inclined to flatness. than when the patient is very fleshy — The cure is performed by said truss in the following way. The head of the pin fills the orifice and keeps the bowel up. and after the pin has continued in the orifice a certain length of time sufficient to have commenced a healing of the ruptured part. The protuberance on the pin is to be lessened gradually so that the head of it will recede slowly from the orifice and permit it to heal as the pin is gradually withdrawn great care however must be taken not to withdraw the pin so suddenly as to let the bowel down again — Umbilical rupture may be cured by a truss of the same kind with a small modification. The block need not be made circular but may be made long and round as the rupture may require. and both sides of it must be slit with a pin through the centre worked by spiral springs as above, and only one spring at each side with straps attached thereto to fasten around the body will be necessary. Given under my hand this 19th day of July 1834

Thomas Lawrence

Witnesses
James Simpson
John T Kelly

Exd
Drawing

(650 Words)