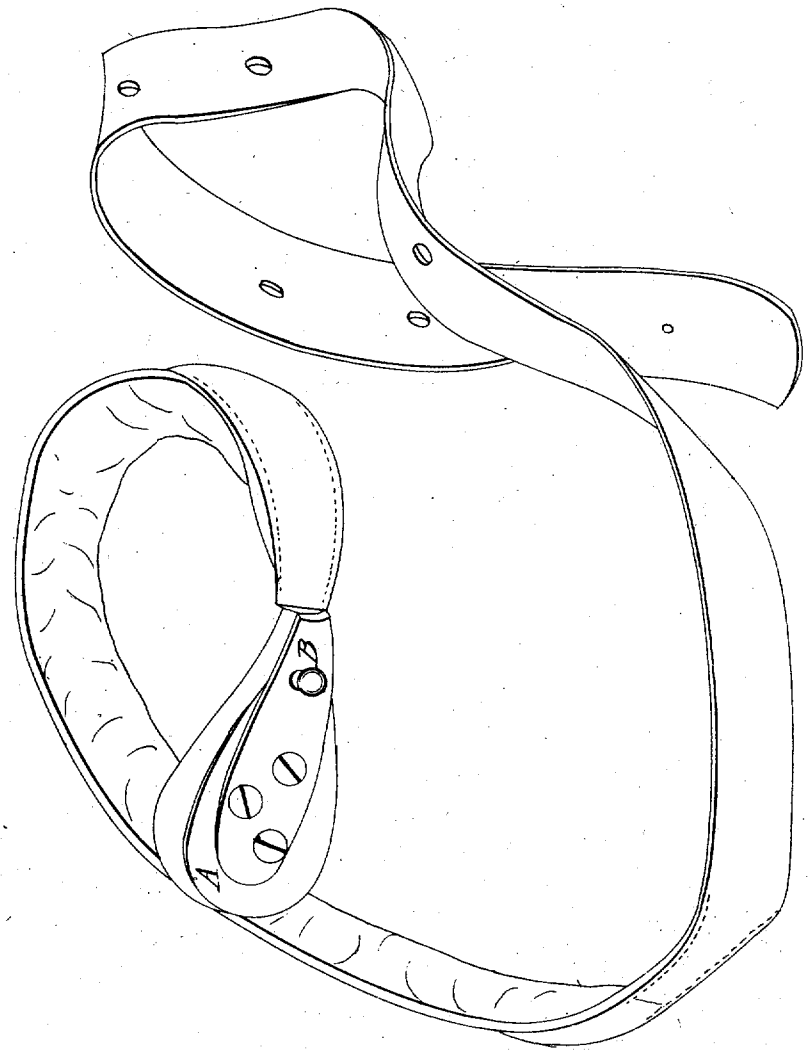
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# T. STAGNER.

## TRUSS.

Patented Apr. 5, 1834.



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Thomas Blagrove

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Thomas Blagrove himself of his improvement in the instrument and in the application of the same for the cure of all the various kinds of Hernia.

To all to whom these presents shall come.

Be it known that I Thomas Blagrove of the County of Madison in the State of Kentucky have invented a new and useful instrument and discovered a mode of applying the same to the cure of all the various kinds of Hernia. and that the following is a full and exact description of the construction and operation of the said instrument and of the manner of applying the same as invented and discovered by me. X The explosive head is of soft wood, half oval in its shape, this is connected by its plain surface with screws to a piece of iron adapted in shape to the plain surface of the half oval head — on the surface of this iron opposite that for the attachment of the explosive head, there is a hook the purpose of which will be explained hereafter by which the neck of the iron on which the explosive head is placed is articulated with an elastic spring made of Swedes or German steel, of sufficient length to extend two thirds around the pelvis. The middle of the spring decreases from its articulating to its other extremity. This spring is covered with strong thick leather and its concave surface is padded and lined to prevent its wearing the external integument. The same strips of leather with which the instrument is covered is continued around the remainder of the pelvis, and has sewed to it

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near the extremity for fastening it to the truck above mentioned about one third of the distance from the rupture head, to the small end of the elastic spring is attached a strap of sufficient length to hang from the superior anterior spinous process of the ilium around the exterior posterior and internal surface of the thigh to the same point of the ilium from which it commences. In applying this instrument the rupture head is placed immediately over the opening through which the hernia has protruded. The shape of that portion of the spring between the head and the strap is such as to prevent its pressing on the pelvis. Immediately beyond the strap it fits very closely and firmly upon the pelvis, and the remainder of the spring increases but slightly except at its small extremity which pressing closely on the ilium immediately below the superior anterior spinous process.

The strap is intended to preserve the instrument in the situation above described which it will retain in nineteen cases out of twenty without the employment of the strap. The instrument may be varied in size to suit every patient. It may be required upon what principle it produces its effects it is this, the peculiar shape of the rupture head draws together the lacerated fibres of the external and internal abdominal rings, and by its pressure excites in them inflammation which causes the lacerated fibres to unite. The peculiar action of the spring prevents it from a rigid position compelling the patient to attend to his ordinary occupations while the cure is effecting

N.B. Virginia
Rupture
Thomas Virginia
Thomas Virginia