

J. L. McAlamy.

Truss.

N^o 89,875.

Patented May 11, 1869.

Fig. 1.

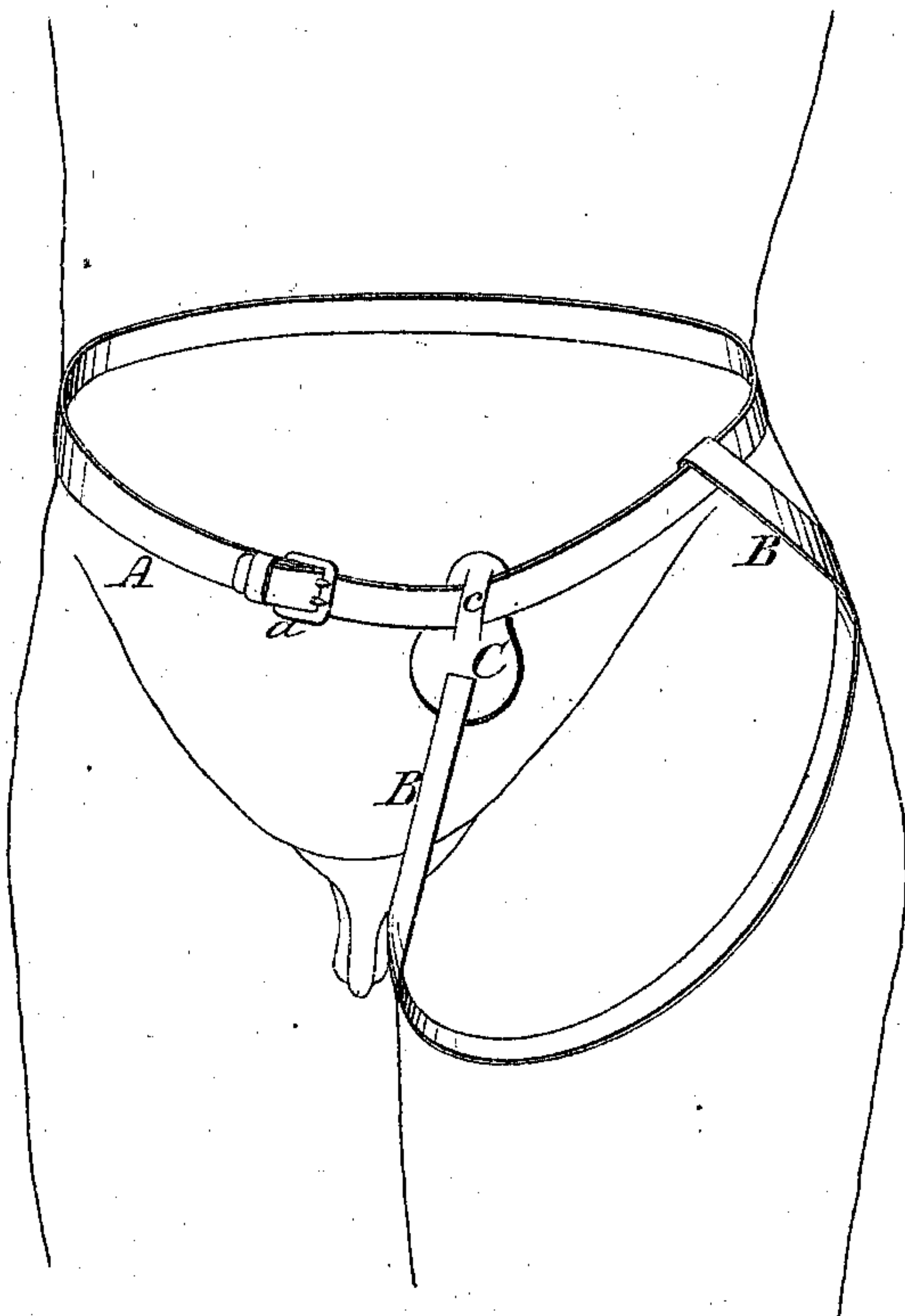


Fig. 2.

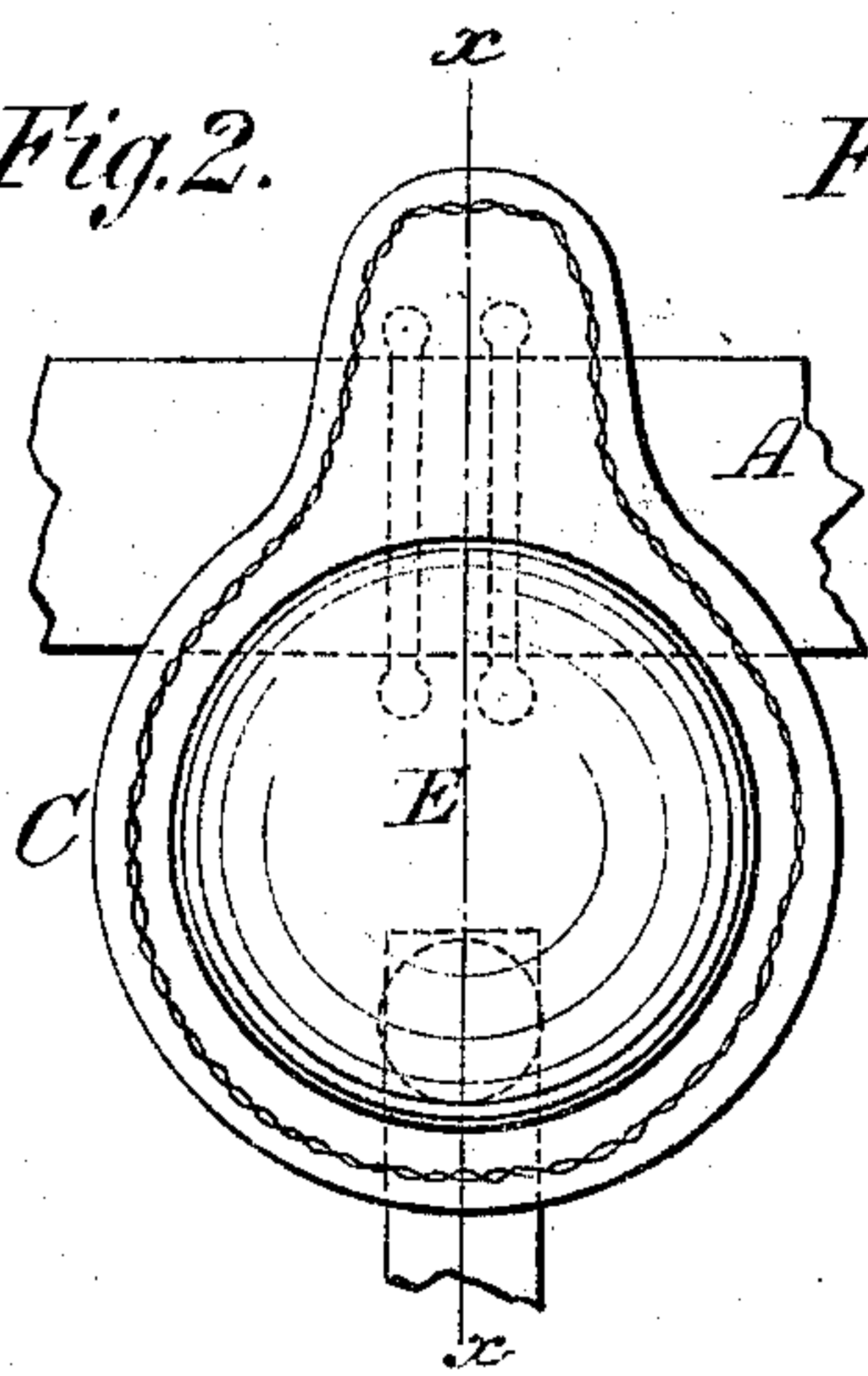


Fig. 3.

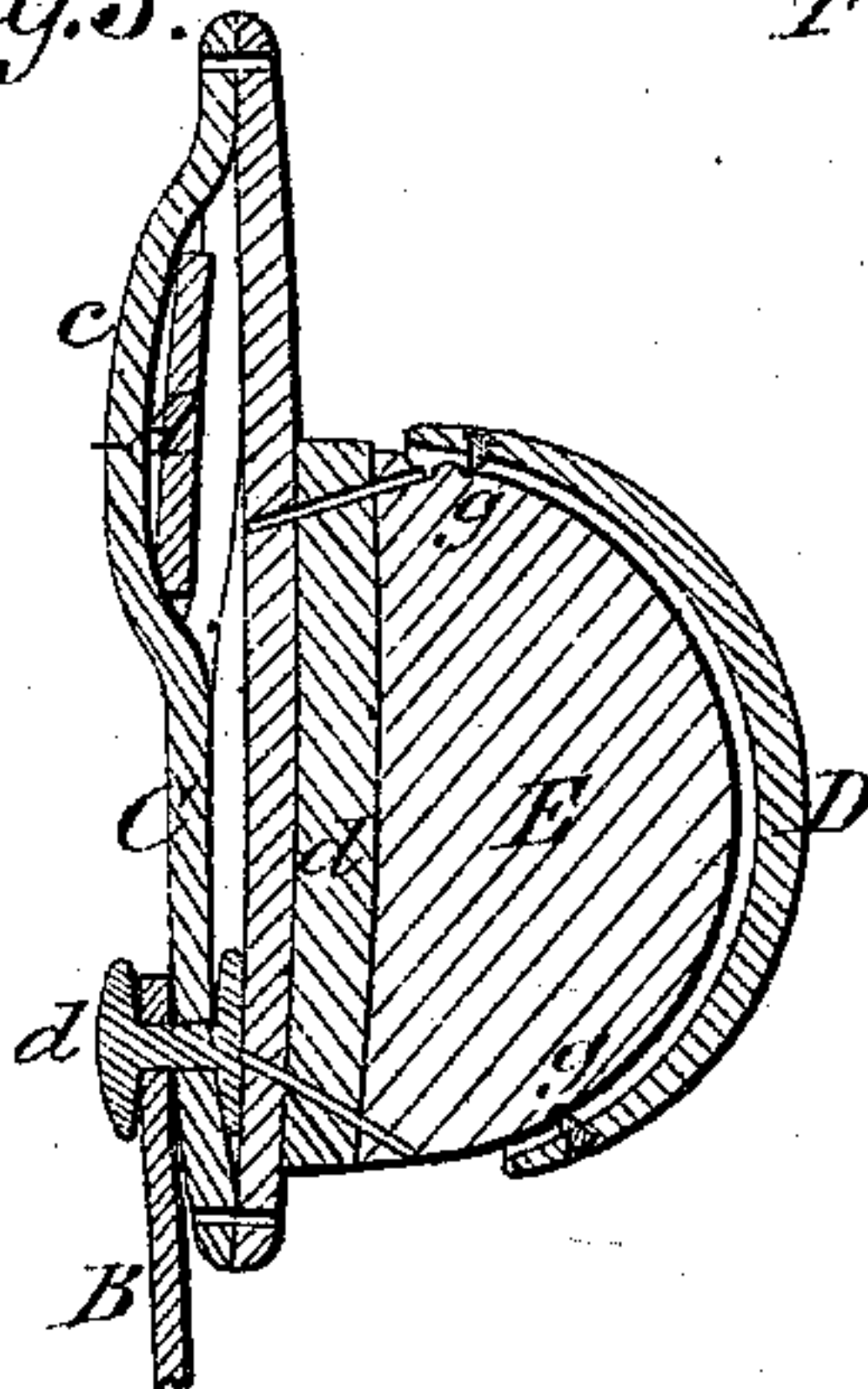


Fig. 4.

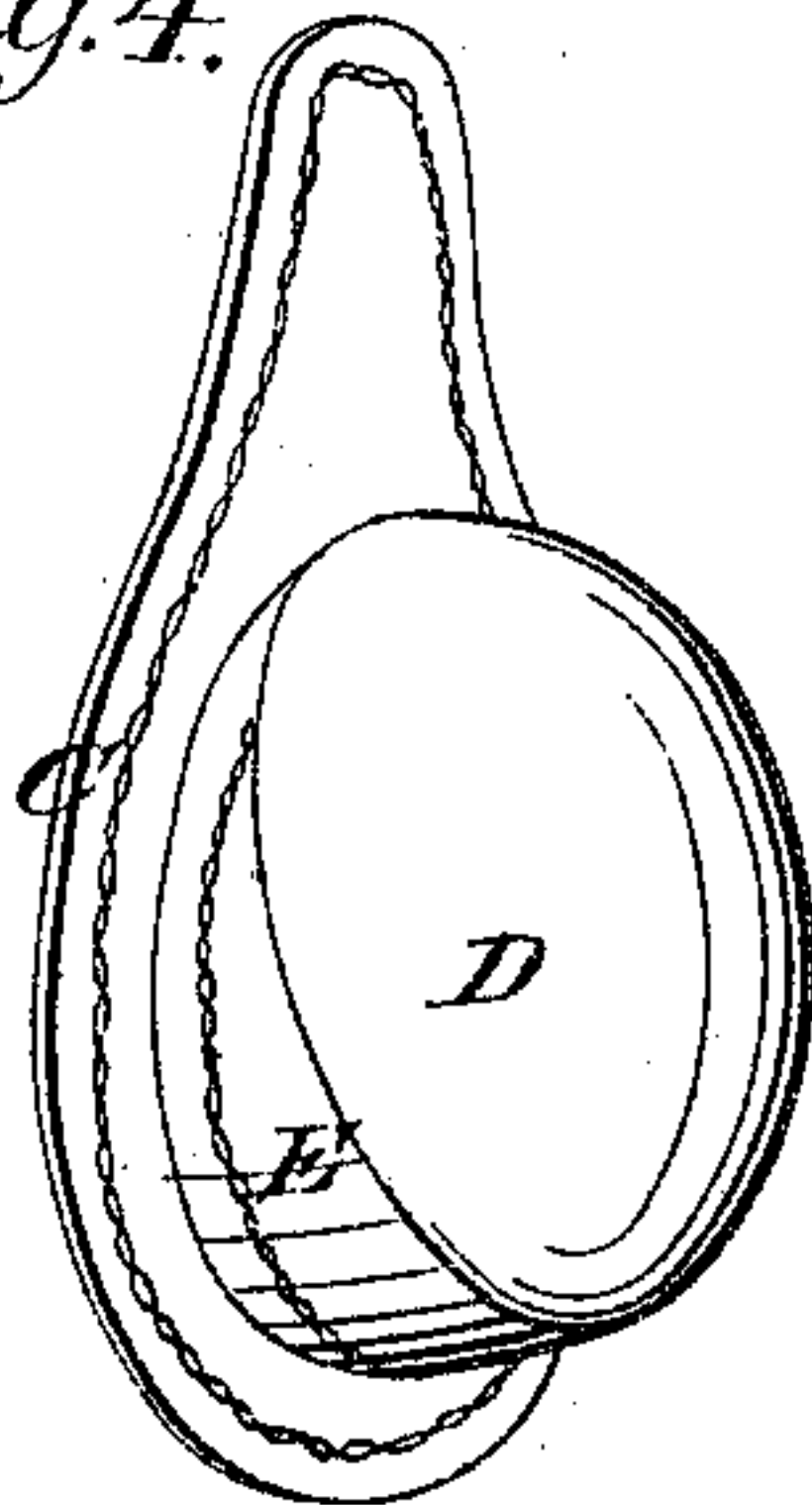
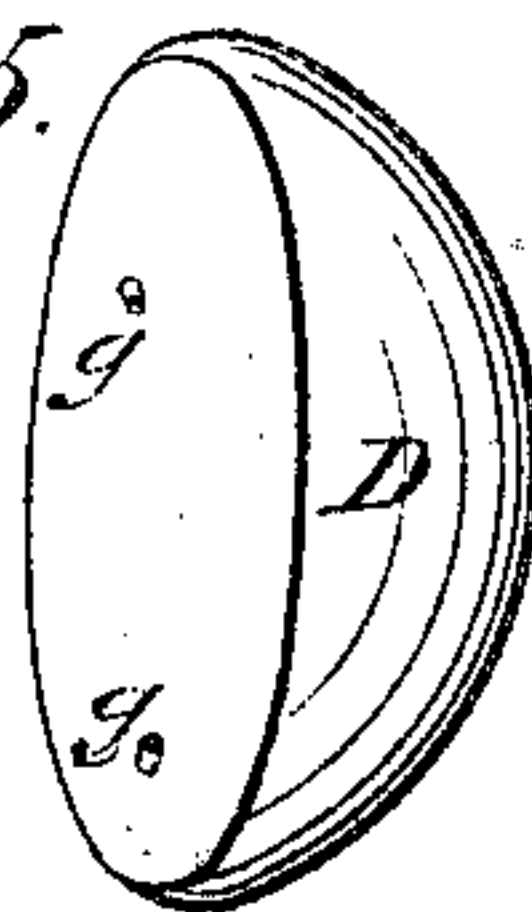


Fig. 5.



Witnesses.

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J. L. MCALEMY, OF MEMPHIS, TENNESSEE.

Letters Patent No. 89,875, dated May 11, 1869.

IMPROVED TRUSS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. L. MCALEMY, of Memphis, in the county of Shelby, and State of Tennessee, have invented a new and improved Truss; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view, illustrating the manner of applying the improved truss to the body.

Figure 2 is a view of the pad and cushion, with the latter uncovered.

Figure 3 is a sectional view of the pad and cushion, with cover applied.

Figure 4 is a perspective view of the cushion and pad covered.

Figure 5 is a perspective view of the cover or cap.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a new and useful improvement on hernial trusses, which have non-corrodible elastic cushions applied to pads, for preventing painful or unpleasant pressure upon the parts affected.

The nature of my invention consists in the employment, in combination with a hemispherical elastic truss-cushion, of a movable non-corrodible cap or cover, which is so constructed and applied to said cushion, that it can be adjusted and set thereon, so as to produce pressure upon the affected part in any required direction, as will be hereinafter explained.

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

In the accompanying drawings—

A represents a belt, which passes around the body, so as to embrace the pelvis.

B is a strap, which is attached by a button, *d*, to the outer side, and near the lower end of the pad C, and which passes between the legs on one side of the scrotum, and is attached in a suitable manner to the

back part of belt A, on one side of the spinal column, in such position as will keep it free from fecal matter.

The pad C may be constructed of the form shown in fig. 2, of leather, or other suitable material, and upon that side of this pad which lies next the body a circular piece of sole-leather is stitched, to which is suitably secured a hollow or solid hemispherical cushion, E, made of India rubber.

D is a concavo-convex cap, which may be made of hardened rubber, or other non-corrodible substance, and which is adapted to fit snugly upon the convex surface of the elastic cushion E, and to be adjusted and set thereon in different positions. For this purpose the cap D must be segment of a sphere less than a hemisphere.

In the process of forming cap D, or after it is formed, spurs *g* are fastened to it, so as to rise from its inner surface near its edge, and extend inwardly, as shown in figs. 3 and 5. These spurs are intended to and will serve as a means for keeping the cap D in place on the rubber cushion E, in whatever position it is adjusted thereon.

From the above description it will be seen that I employ, in conjunction with a convex elastic cushion, which is secured permanently to the pad of the truss, a hardened cap or cover, which will not corrode nor absorb the secretions of the skin, and which can be so adjusted as to produce direct pressure upon the inguinal canal, or to press upwardly, downwardly, or in any other direction.

Having described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the cover D, elastic cushion E, and pad C, constructed, arranged, and operating substantially as described.

J. L. MCALEMY.

Witnesses:

W. SPOT SMITH, M. D.,
CHAS. K. HALL.