

R. S. Scherenell,

Truss.

N^o 26,623.

Patented Dec. 27, 1859.
Fig. 1.

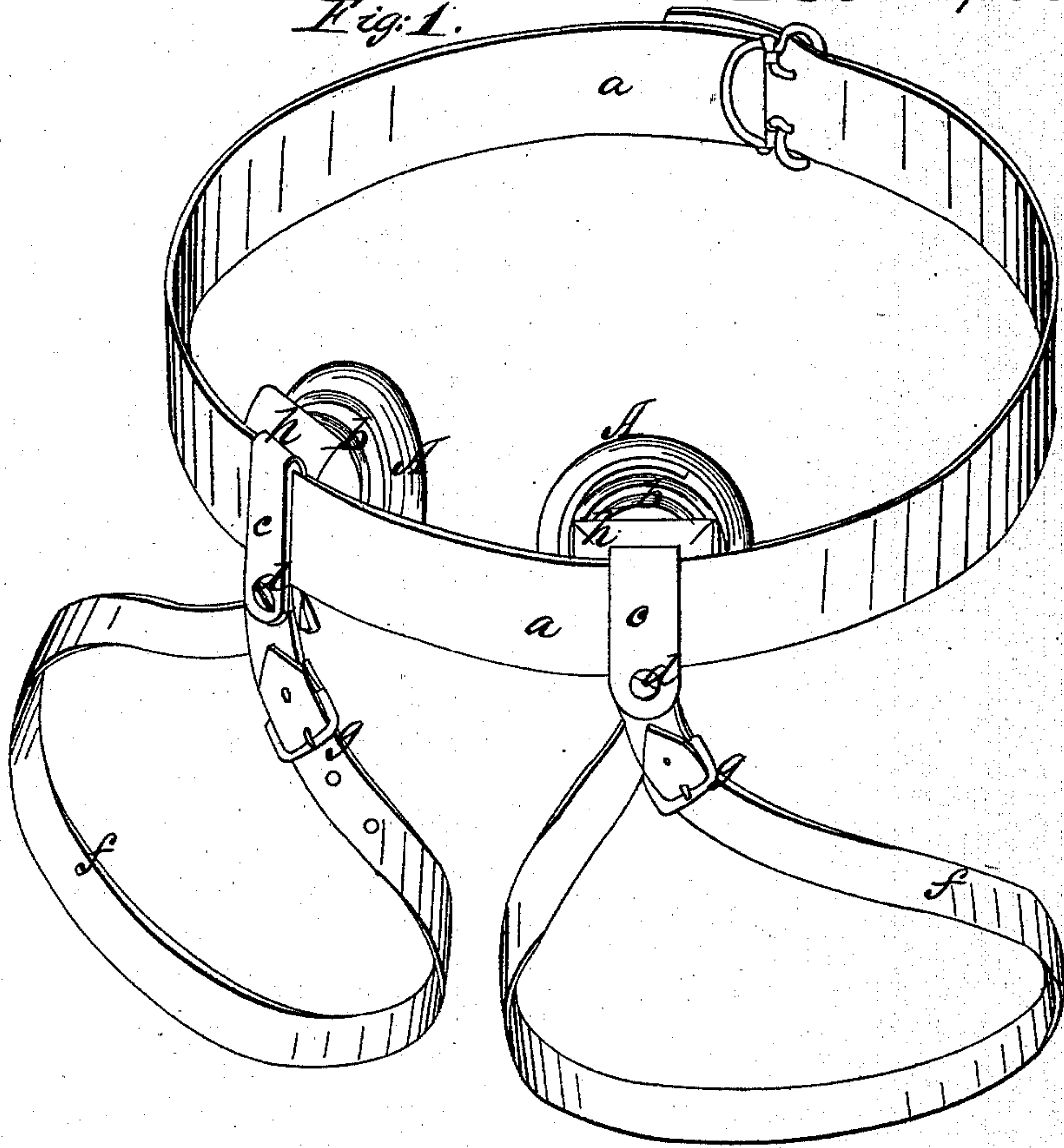
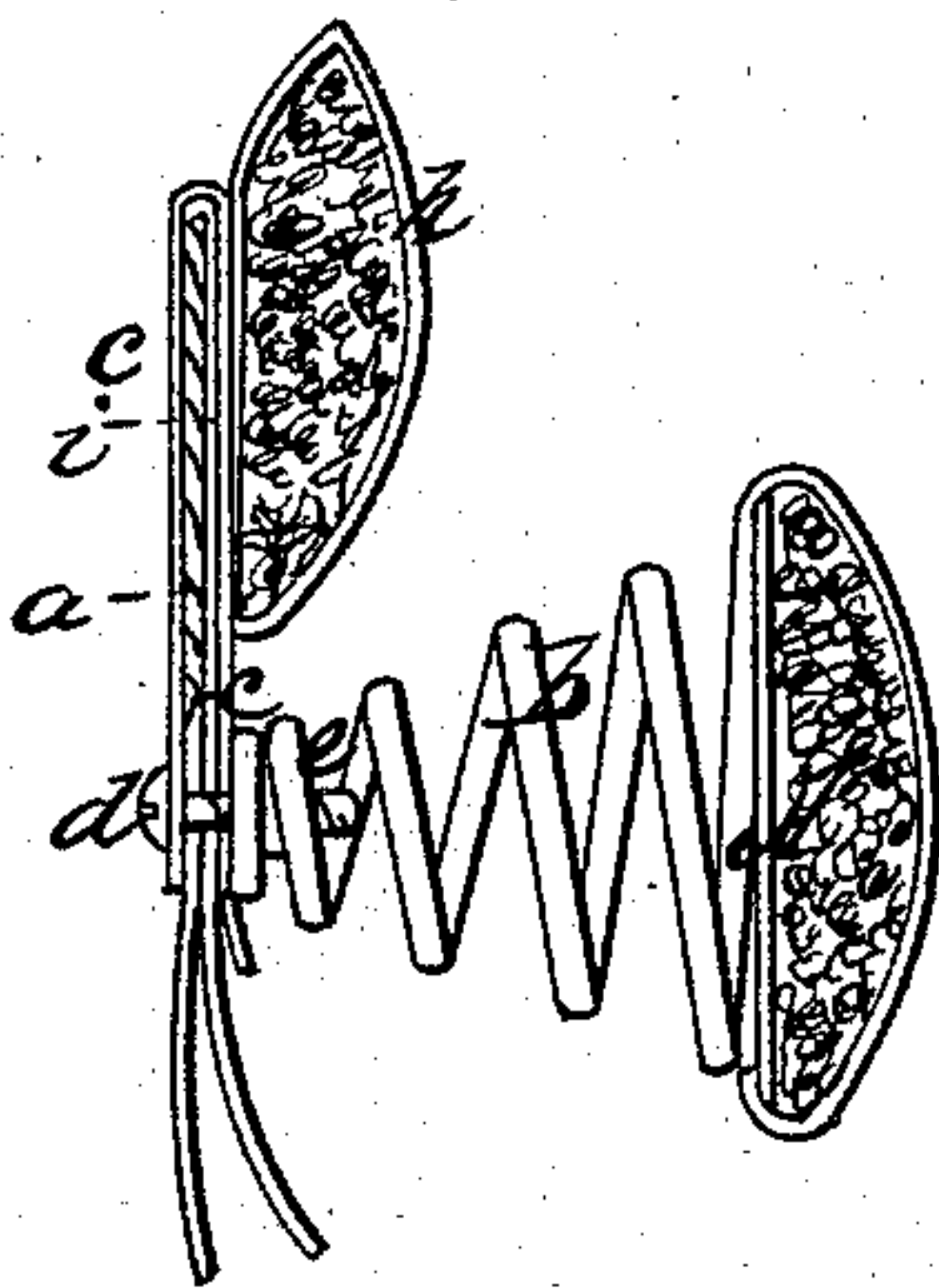


Fig. 2.



Witnesses:
John Matthew
W. L. Colbert.

Inventor:

R. S. Scherenell

UNITED STATES PATENT OFFICE.

RICHARD S. SCHEVENELL, OF ATHENS, GEORGIA.

HERNIAL TRUSS.

Specification of Letters Patent No. 26,623, dated December 27, 1859.

To all whom it may concern:

Be it known that I, RICHARD S. SCHEVENELL, of Athens, in the county of Clark and State of Georgia, have invented a new and useful Improvement in Trusses for the Support and Radical Cure of Hernia; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1, is a perspective view of a double truss constructed according to my invention. Fig. 2, is a vertical section taken through one of the pads.

Similar letters of reference indicate corresponding parts in both figures.

My invention consists in a novel mode of applying one or two spring pads and one or more thigh straps in combination with a belt for encircling the hips whereby great facility is afforded for adjusting the pad to the person and a truss is obtained which is very easy to wear and very effective in its operation.

To enable others to make and use my invention I will proceed to describe its construction and operation.

a, is the belt which is to be secured around the hips by a buckle *b*, and which may be of stout webbing either elastic or inelastic; and *A, A*, are the spring pads consisting of plates of metal of elliptical shape padded with cotton, wool or some soft substance covered with leather, silk or other suitable material and having attached to them conical spiral springs *b*, *b*.

c, c, are two clamps, one for each pad, composed each of a piece of brass or other metal plate folded to receive within it the belt *a*, and each having a screw *d*, passing through its open end, said screws also passing through eyes formed at the extremities of the springs *b, b*, and being furnished with nuts *e*, which serve to attach the pads to the clamps, to pinch the clamps closely upon

the belt *a*, and to hold the thigh straps *f, f*, the ends of which are received between the open ends of the clamps. The screws and nuts thus serve to attach both the pads and thigh straps to the belt. The thigh straps are furnished with buckles *g, g*, by which they may be adjusted to the limbs.

h, h, are cushions for preventing the upper parts of the clamps chafing the body, each being attached to its respective clamp by a loop *i*, through which the clamp passes as shown in Fig. 2.

This truss may be adjusted to a person of any size that the pads will suit and pads may be applied of a size to suit any person. The clamps may, by slackening the screws and nuts, be moved upon the belt to adjust the pads at the proper distance apart; and the pads may be set at the proper angle, when the screws and nuts are slackened. By screwing up the nuts tightly the pads are secured both at the proper distance apart and at the proper angle. To apply the truss when the pads are properly adjusted, the belt is strapped easily upon the hips and the thigh straps passed around the thighs and buckled up to bring the pads to the proper height, the thigh straps may be buckled up without crossing as shown in Fig. 1, or may be crossed, that is to say, each thigh strap may be passed around the back of the thigh to the buckle of the opposite one. By crossing the thigh straps the greatest pressure of the pads is obtained.

What I claim as my invention and desire to secure by Letters Patent is—

Combining one or more spring pads and one or more thigh straps with the belt, by means of one or more clamps *c*, screws *d*, and nuts *e*, applied substantially as herein specified.

RICHD. S. SCHEVENELL.

Witnesses:

W. C. COLBERT,
JESSE MATTHEWS,
JOHN KIRKPATRICK.