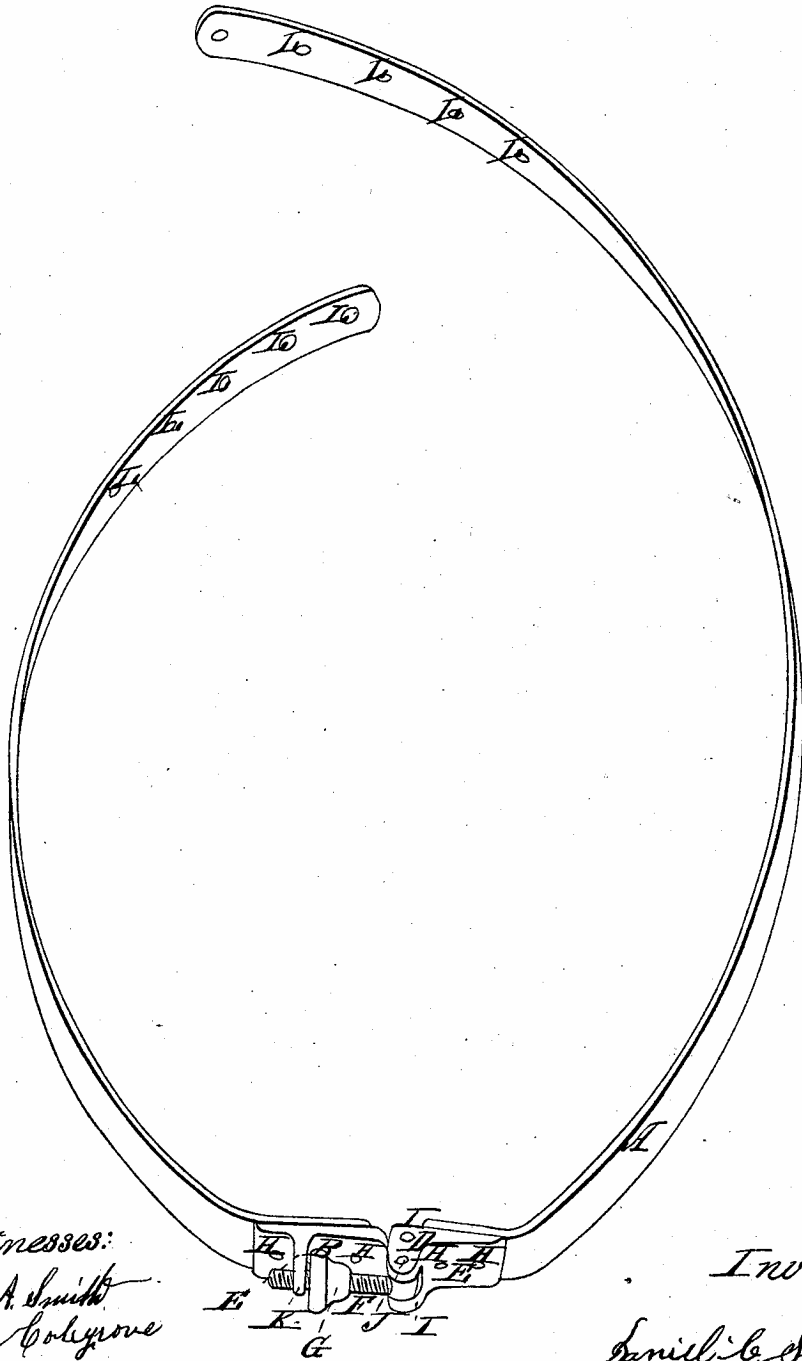


D. C. Smith,

Truss.

No 40,578.

Patented Nov. 10, 1863.



Witnesses:

*Francis A. Smith
& Helen Colgrove*

Inventor:

Samuel C. Smith.

UNITED STATES PATENT OFFICE.

DANIEL C. SMITH, OF ADRIAN, MICHIGAN.

IMPROVEMENT IN TRUSSES FOR HERNIA.

Specification forming part of Letters Patent No. 40,578, dated November 10, 1863.

To all whom it may concern:

Be it known that I, DANIEL C. SMITH, of Adrian, in the county of Lenawee and State of Michigan, have invented a new and useful Improvement in Hernial Trusses; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in attaching a hinge and set-screw to the spring of a truss, for the purpose of adjusting the pressure of the spring on the rupture to any extent desired by the person wearing it, as is described in the following specification.

The accompanying drawing is a perspective one, representing its several parts—viz., springs A, joints B B, their projections D and E, screw F, nut G, and pivots I and J. The springs A A are attached to the joint B B by means of their rivets H H. The joint B B is fastened together by means of the pivot I. The screw F is attached to the projection D by means of pivot J, with its opposite end pass-

ing through the hole K in projection E. The holes L are for the purpose of attaching any kind of a pad that may be desired.

I will describe the operation of my truss, as follows: When the person wishes to make the truss press harder on the rupture, he turns the nut G on screw F in the direction to make it strike the projection E. That in turn causes joint B B to close on its pivot I, which closes the outer ends of the springs A A. Thus it is clearly seen that the person wearing the truss can adjust the pressure of it at pleasure by turning the nut G out or in, as he pleases.

After thus having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The screw F and nut G, operating in connection with the projections D and E.
2. The joint B B, as above described, for the purposes set forth and described.

DANIEL C. SMITH.

Witnesses:

FRANCES A. SMITH,
VEEDER COLEGRAVE.