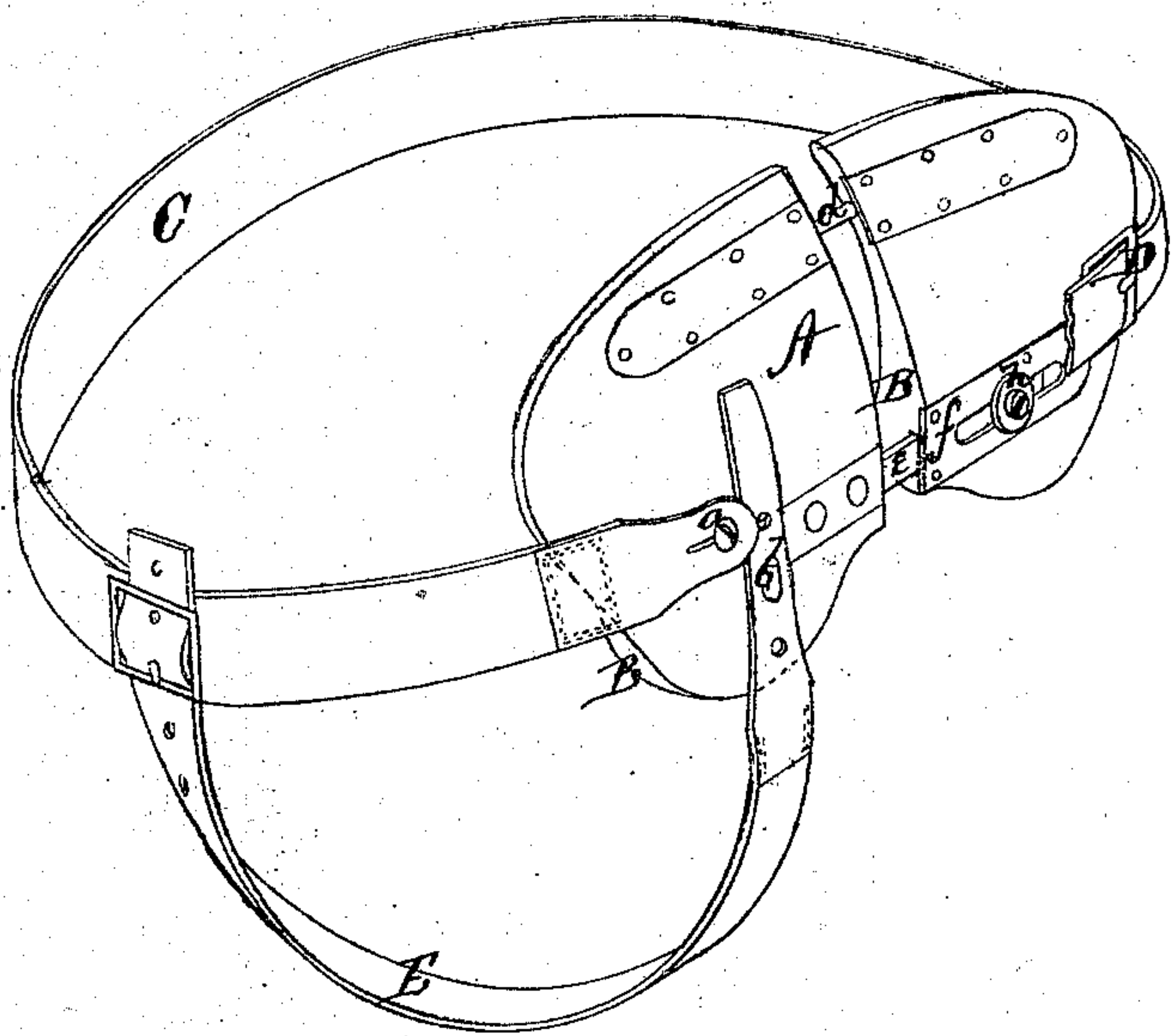


H. Howe,

Truss.

No. 103047.

Patented May 17, 1870.



Witnesses.

Harry King.
Chas. L. Everett.

Inventor.

Henry Howe
per
Alexander Mason
Attys.

United States Patent Office.

HENRY HOWE, OF COUNCIL BLUFFS, IOWA.

Letters Patent No. 103,047, dated May 17, 1870.

IMPROVEMENT IN TRUSSES.

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, HENRY HOWE, of Council Bluffs, in the county of Pottawatomie and in the State of Iowa, have invented certain new and useful Improvements in Trusses; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention relates to the construction and arrangement of a truss for the treatment of inguinal hernia, either direct or oblique, single or double; also femoral hernia, and consists in a novel adjustment of a bisected pad, held in place with elastic belts.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which represent a perspective view of my truss.

A represents the truss, which is so shaped as to fit nicely the lower portion of the abdomen, and provided with pads, B, for producing direct pressure over the points at which the hernia protrudes.

It is held in its proper place, and the degree of pressure desired secured to the truss, by means of an elastic belt, C, around the body, over, or rather a little below the hips, and secured to the truss by means of a round screw-head, *a*, and buckle D.

To prevent upward displacement of the truss by

the motion of the body, a small elastic strap, E, is passed from the belt C, and around the thigh, and attached to the truss by means of a screw-head, *b*.

The truss A is cut in two parts, as shown in the drawing, for the purpose of making it adjustable.

Near the upper and inner edge of one of the sections is a rod, *d*, which passes into a hole or groove made for that purpose in the other section.

From near the lower and inner edge of one section, a bar, *e*, projects, which bar fits in a recess on the other section, said recess being covered by a slotted plate, *f*.

The bar *e* is secured at any point desired by means of a screw, *i*, and washer, *h*, as shown, so that the truss can readily be adjusted to suit the rupture.

The truss may be made of wood, rubber, metal, or any other material, singly or in combination, as may be found most desirable.

Having thus fully described my invention,

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

The arrangement of the bisected and adjustable pad A, provided with rod *d*, bar *e*, slotted plate *f*, screw *i*, washer *h*, and elastic belts C E, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 19th day of February, 1870.

Witnesses:

HENRY HOWE.

B. W. HIGHT,
E. R. DOWNS.