

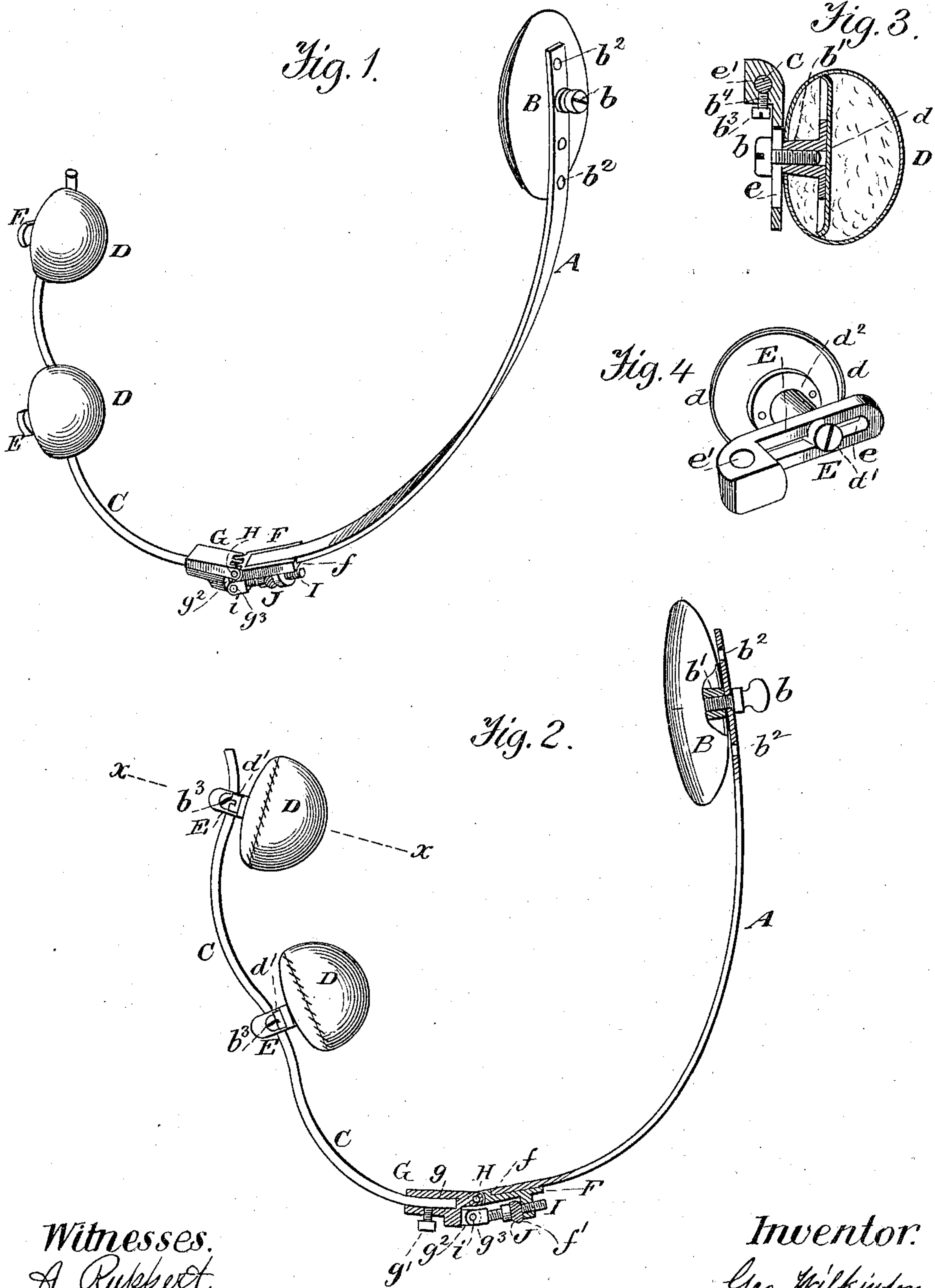
(No Model.)

G. WILKINSON.

TRUSS.

No. 365,660.

Patented June 28, 1887.



Witnesses.  
A. Ruppert,  
W. E. Thomas

Inventor.  
Geo. Wilkinson,  
Per  
Thomas P. Pringle,  
att'y.

# UNITED STATES PATENT OFFICE.

GEORGE WILKINSON, OF WELLSBOROUGH, PENNSYLVANIA.

## TRUSS.

SPECIFICATION forming part of Letters Patent No. 365,660, dated June 28, 1887.

Application filed March 10, 1887. Serial No. 230,422. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE WILKINSON, a citizen of the United States, residing at Wellsborough, in the county of Tioga and State of Pennsylvania, have invented certain new and useful Improvements in Trusses; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention will first be described in connection with the drawings, and then pointed out in the claim.

Figure 1 of the drawings is a perspective view of the invention applied. Fig. 2 is a vertical section of the truss; Fig. 3, a transverse section on line *x x* of Fig. 2, and Fig. 4 a detail perspective view of the pad-holder.

In the drawings, A represents a flat-plate spring, which carries the broad back-pad B, provided with the screw *b* and nut *b'*. This screw *b* may pass through either of the holes *b<sup>2</sup>*, and the pad is thus made adjustable, so as to suit different persons.

C is a round spring, which carries the hernia-pads D on the holders E. The latter have a longitudinal slot, *e*, and the transverse hole *e'*, through which passes the round spring. The pad-screw *b* passes through the slot *e* into the nut *b'*, and may be clamped at any point in said slot, while the screw *b<sup>3</sup>* passes through a hole, *b<sup>4</sup>*, so as to clamp the holder E at any point of elevation on the spring C. By this construction the pads may be adjusted higher or lower on spring C and also laterally on the holder E. In this way they can be made to press with great exactness upon the part affected or desired. The round spring C and

flat spring A are jointed together by the following means:

F G are two plates pivoted together on the cross-pin H, the plate F being grooved at *f* to receive the end of the flat spring, and provided with nut *f'*, while the plate G has a hole, *g*, in which the end of the round spring is retained by a clamp-screw, *g<sup>3</sup>*. The flat spring is preferably riveted to the plate F.

In order to regulate the distance to which the springs may spread apart, I use the well-known screw and traveling nut I J described in Patent No. 40,573; but my screw is connected by ears *i i* and tongue *g<sup>2</sup>* with the pivot *g<sup>3</sup>*, so as to avoid wear upon the clothes.

My hernia-pads D are built upon a disk, *d*, which is made fast to a subjacent shank-nut, *d'*, in which works the screw *d<sup>2</sup>*.

By my mode of hinging and connecting the set-screw I avoid injury to the clothes of the wearer.

The crooks in the front spring where the pads are fastened adapt the truss to either a single or double hernia, while without them two springs would be required; hence it is an important feature of my invention.

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

The truss herein described, consisting of a flat spring carrying the back-pad, and a round spring carrying two hernia-pads, said springs adjustable in pressure at the hinge-joint, and the front spring inwardly convexed to form seats for the pad-holders, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE WILKINSON.

Witnesses:

WALTER SHERWOOD,  
EDWARD J. DARLING.