

No. 657,404.

Patented Sept. 4, 1900.

G. FANCHER.
HERNIAL TRUSS.

(Application filed June 21, 1900.)

(No Model.)

Fig. 1.

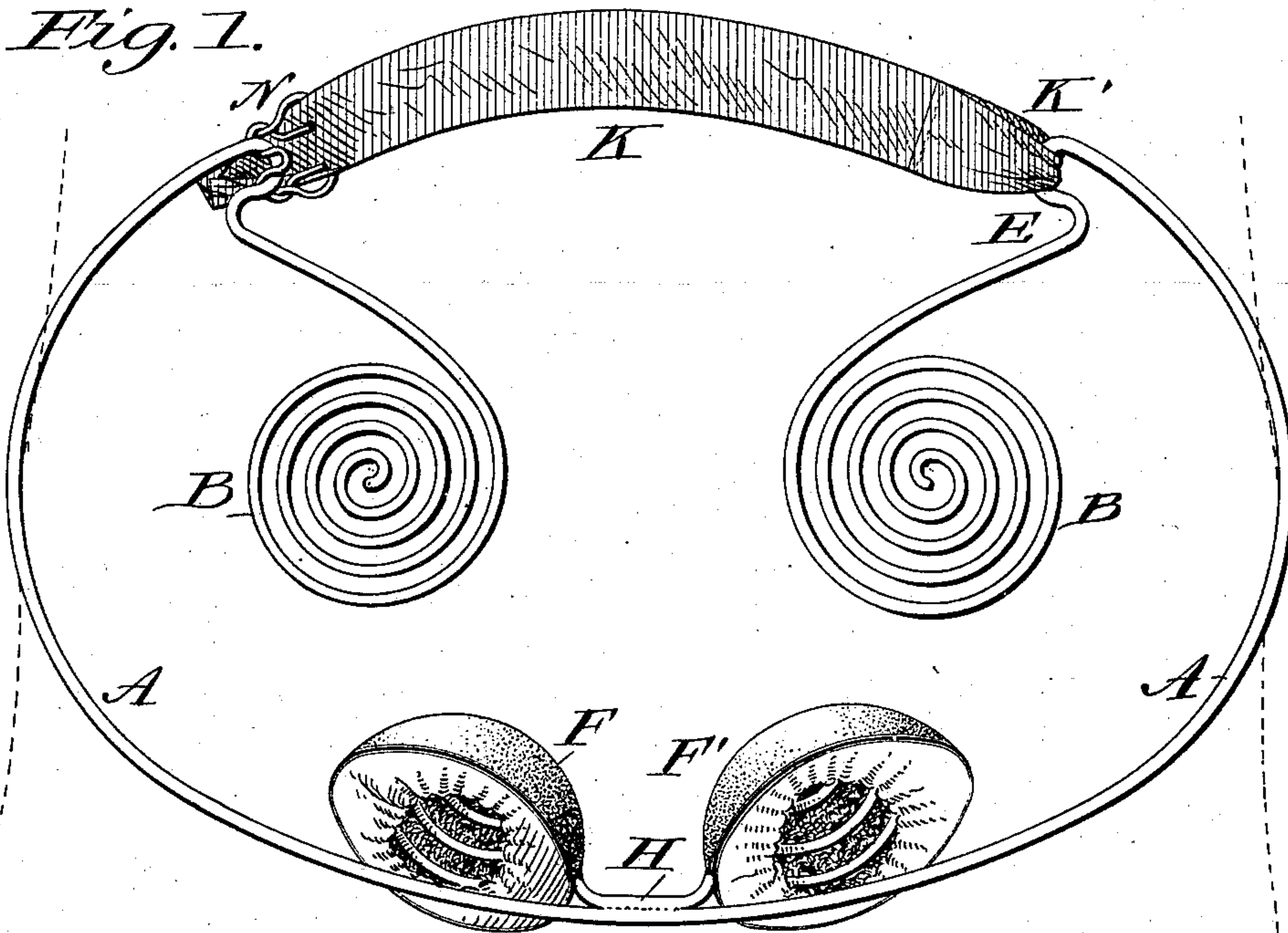
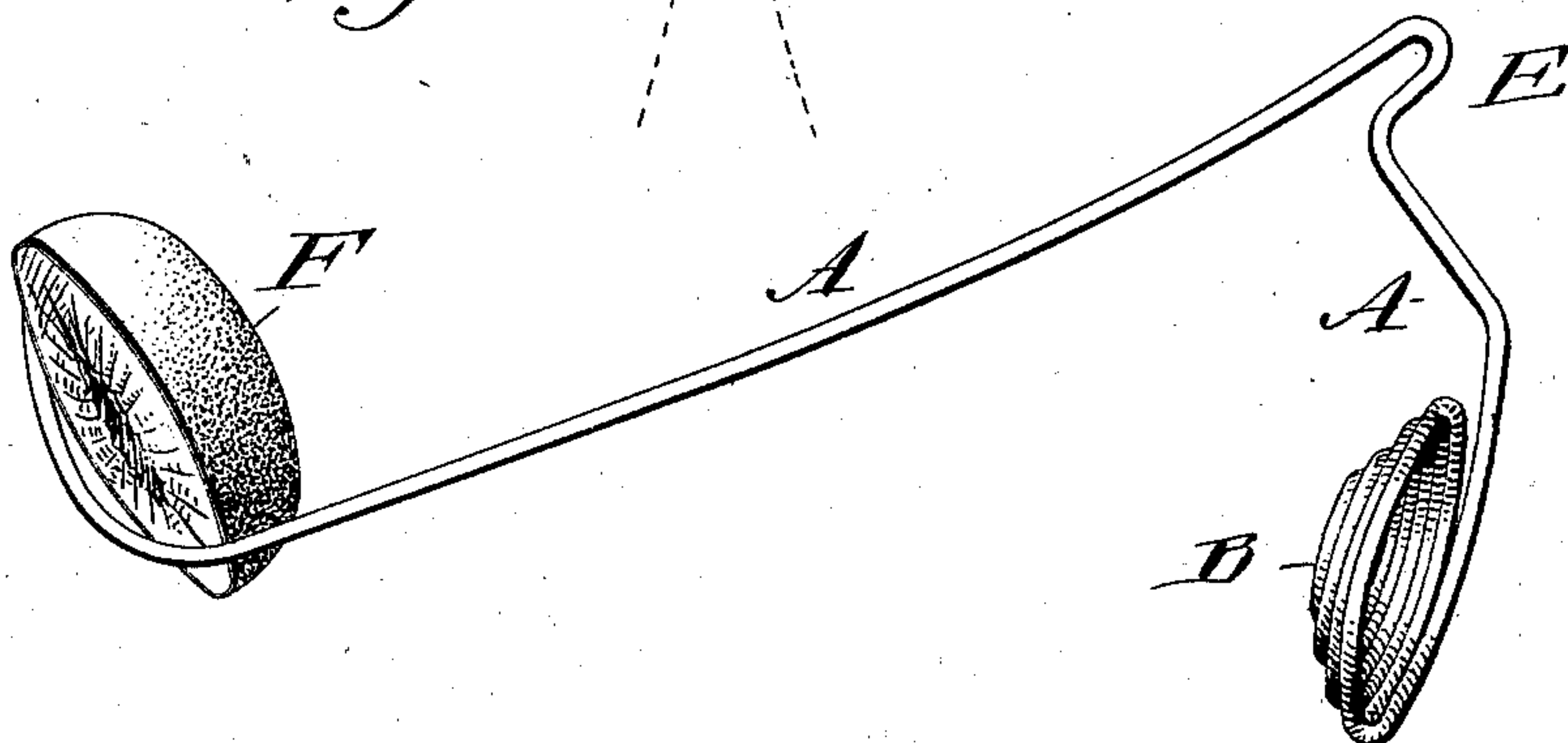


Fig. 2.



WITNESSES:

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HERNIAL TRUSS.

SPECIFICATION forming part of Letters Patent No. 657,404, dated September 4, 1900.

Application filed June 21, 1900. Serial No. 21,095. (No model.)

To all whom it may concern:

Be it known that I, GEORGE FANCHER, a citizen of the United States, residing at Greenwich, in the county of Huron and State of Ohio, 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 of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in trusses; and the object of the invention is to provide a hernial truss in which two abdominal pads are formed out of a single piece of flexible coiled wire and fixedly held to a spring body-engaging wire, said wire having its ends formed into coils and so positioned with reference to the body of the wearer when the truss is adjusted in place that the end or hip-engaging coil-pads will exert a direct backward pressure to the front or abdominal pads.

The invention will be hereinafter more fully described and then specifically defined in the appended claim, and is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters of reference indicate like parts throughout both views, in which—

Figure 1 is a perspective view showing the truss as applied to the body of the wearer. Fig. 2 is a perspective view showing the peculiar construction of the truss, whereby a direct pressure rearward on the front pads may be obtained when the truss is adjusted in place.

Reference now being had to the details of the drawings by letter, A designates the body-engaging band, which is made, preferably, of a single piece of flexible wire. At each end of the wire is formed a coil B, which is made slightly conical, so as to form a cushion and to yield outwardly under pressure when the truss is applied to the body of the wearer. At the locations C and D the body-engaging wire is bent upon itself, preferably forming loops or hooks E and E', provided for a purpose which will hereinafter appear. The ends of said body-engaging wire from the loops or hooked

portions E and E', including the latter and the coils at the ends of the wire, are bent so that they will be in planes at acute angles to the length of the body-engaging wire and are so positioned when the truss is applied to the body of the wearer that there will be a direct pressure backward to the front pads, about to be described in detail. Said front pads F and F' are made of a single piece of flexible wire coiled at each end and covered with a suitable padding. The coils F and F' are disposed at right angles to the middle portion H of the wire, and said portion H is soldered or otherwise suitably secured to the body-engaging wire at its middle portion, the two pads F and F' being located within said body-engaging wire and adjacent thereto and are allowed a limited spring movement forward. An adjusting-strap K has a loop K' at one end which is designed to engage over one of said hooks, as E, and at the opposite end of the strap or band a buckle-hook N is attached to the strap. Said hook is adapted to engage the hook E' in adjusting the truss to the body, and by this means it will be readily observed that the truss may be easily and quickly applied to or removed from the body.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

A hernia-truss comprising a flexible body-engaging wire bent upon itself at two locations forming loops, a looped band engaging one of said loops, and a combined buckle and hook engaging the second loop, the ends of said wire being bent at substantially right angles to said loops and at right angles to each other and terminating in coils which are in planes at acute angles to the circular body-engaging portion of the truss, combined with the wire H held in a fixed position at the middle of the truss, the arms of said wire being bent toward said loops and their ends terminating in pad-bearing coils disposed adjacent to the inner margin of the truss, as set forth.

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

GEORGE FANCHER.

Witnesses:

C. F. AMSDEN,
A. WILLIAMS.