

(No Model.)

C. CLUTHE.
TRUSS.

No. 536,718.

Patented Apr. 2, 1895.

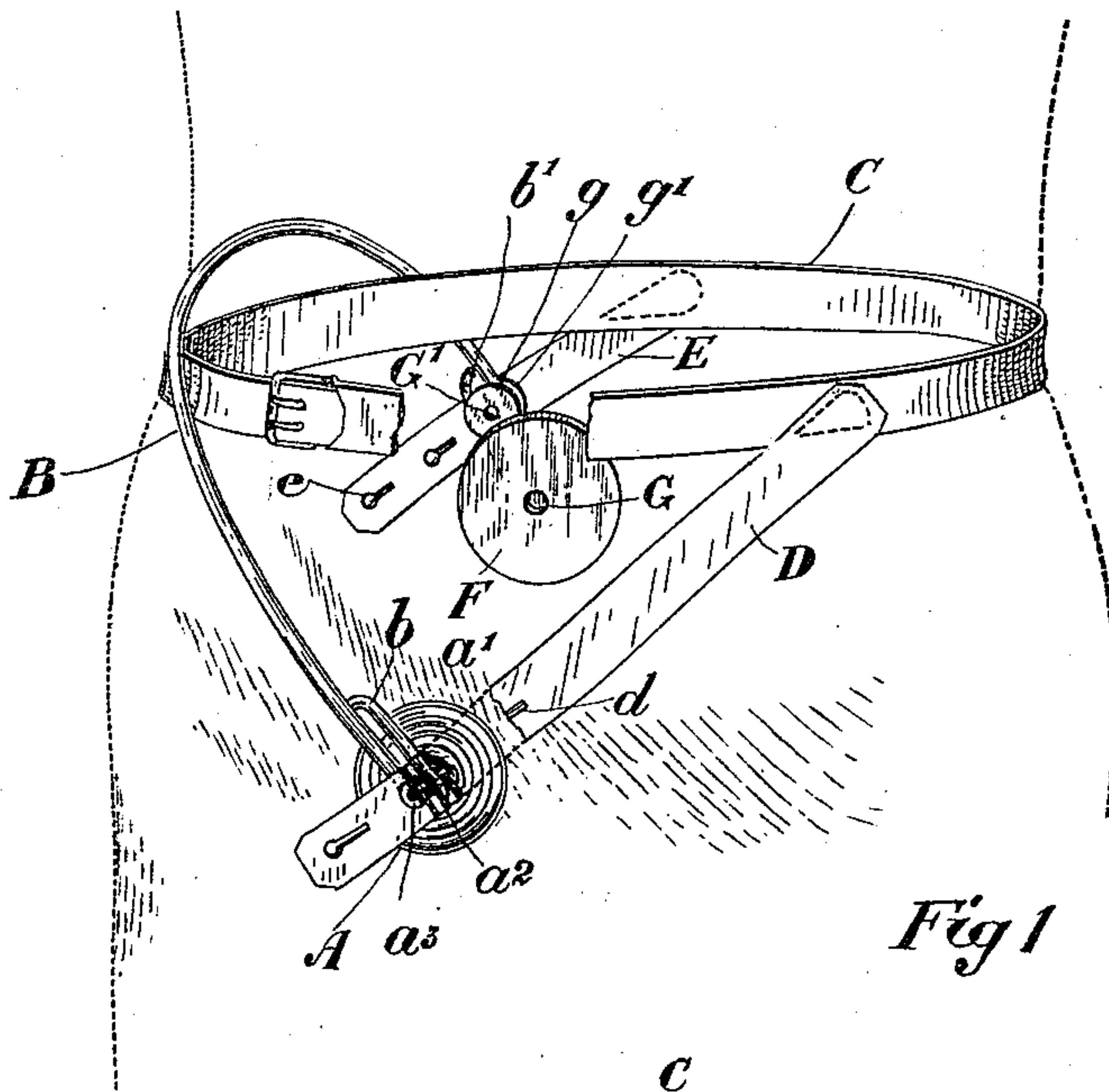


Fig 1

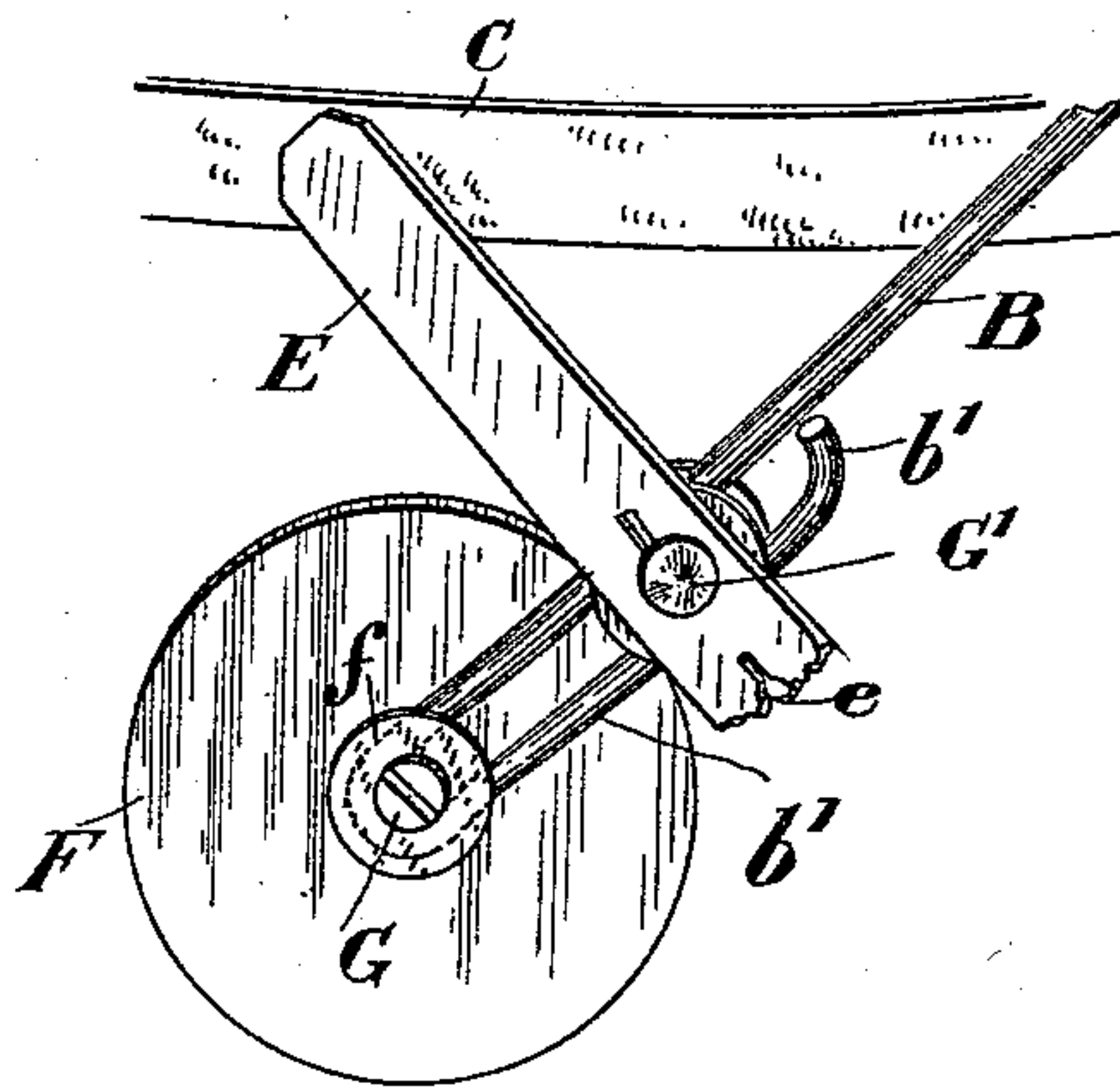


Fig 2

Witnesses
H. Young
E. R. Case.

Inventor:
Chas. Cluthe
by
Setherton & Co.
Attys.

UNITED STATES PATENT OFFICE.

CHARLES CLUTHE, OF TORONTO, CANADA.

TRUSS.

SPECIFICATION forming part of Letters Patent No. 536,718, dated April 2, 1895.

Application filed May 14, 1894. Serial No. 511,142. (No model.)

To all whom it may concern:

Be it known that I, CHARLES CLUTHE, surgical machinist, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Hernia-Trusses, of which the following is a specification.

My invention relates to improvements in hernia trusses and the object of the invention is to provide a simple and ready means of adjustment and retention for the several parts of the truss whereby it may be secured in proper position to retain the hernia and be capable of being comfortably worn upon different bodies of different size of shape or figure and it consists essentially of a wire support provided with front and rear loops, the front loop of which has adjustably held within it the spiral spring pad which is to be applied to the hernia, while the rear loop has adjustably held within it the disk pad and further of a belt which is passed around the waist and has front and rear diagonal braces, the front brace of which has made in its free end a series of holes, one of which is designed to be passed over the central button or set-screw of the spiral pad, and the rear brace of which has a series of holes made in it, one of which is passed over the binding screw of two washers which are situated one on each side of the rear loop and are designed to be adjustable within such loop so as to hold the upper end of the wire support comfortably close to the body as hereinafter more particularly explained.

Figure 1, is a perspective view showing the application of my improved hernia truss, the body being dotted in. Fig. 2, is a detail of the rear diagonal brace loop and adjustable washers.

In the drawings like letters of reference indicate corresponding parts in each figure.

A, is a spiral spring pad for retaining the hernia.

B, is the wire support.

b, is the front loop of the wire support, B, and, b', is the rear loop.

C, is the belt.

D, is the front diagonal brace, and E, is the rear diagonal brace.

F, is the rear pad.

The belt, C, and diagonal braces, D, and, E, secured to the belt, C, are made preferably of a suitable woven fabric.

The wire, a, of the pad, A, has screwed on to its central threaded end the washer, a', inside, and the washer a², to the outside of the support, B.

a³, is a knob screwed on to the extreme outer end of the wire, a, of the pad, A. The diagonal brace, D, is provided with button holes, d, at its free end, one of which is designed to be buttoned over the knob, a³, so as to hold the spiral spring pad from moving outwardly when secured in the proper position.

The back pad, F, is provided with a central binding screw, G, which extends through the washer, f', and loop, b'.

g, g', are two parallel washers situated one on each sides of the loop, b', and held against the side of such loop by the binding screw, G.

The rear diagonal brace, E, has holes, e, made in its free end, one of which is designed to be buttoned over the binding screw, G. It will be seen that by loosening the binding screw, G, and moving the washers up or down the loop b', the outer end of the wire support, B, may be raised or lowered into the position which is comfortable to the body, the diagonal brace, E, serving to hold the truss in position as hereinbefore described.

It will be understood that the position of the support, B, may be adjusted to a nicety to suit the comfort of the wearer of the truss and the wire pad, A, may also be adjusted and held in position, without any danger of being disturbed, directly over the hernia or rupture.

What I claim as my invention is—

1. In combination with a belt, the semicircular support adapted to pass over one side only of the body having a loop on the end thereof, a hernia pad adjustably secured in said loop, and a brace depending from the side of said belt and adjustably connected to said pad for holding the same in different positions.

2. The combination with the wire support having a rear loop and pad adjustably held in the same, of the belt and rear brace, and washers upon opposite sides of the rear loop, connected to the rear brace by their binding screw as shown and for the purpose specified.

3. The combination with the wire support B, provided with a front loop b, and spiral pad A, adjustably held in the loop b, of the rear loop b', pad F, adjustably held in the same, washers g g', binding screw G, and di-

agonal brace E attached to the belt C, and to the binding screw G, of the washers as shown and for the purpose specified.

4. The combination with the wire support
5 B, provided with a front loop *b*, and spiral pad A, the central wire of which is secured in the loop by the washers *a'* and *a²*, of the knob *a³*, secured on the end of the central wire *a*, connected to the diagonal brace D, which is
10 secured to the belt C, as and for the purpose specified.

5. The combination with the support B, pro-

vided with a front loop *b* and spiral spring pad A, adjustably held therein and connected by the brace D, to the belt C, of the rear loop 15 *b'*, provided with an adjustable pad F and adjustable washers *g g'*, held in position by the binding screw G, which is connected by the diagonal brace E, to the belt C, as shown and for the purpose specified.

CHARS. CLUTHE.

Witnesses:

E. R. CASE,

H. H. YOUNG.