

Colton & Angell,  
Truss.

N<sup>o</sup> 70,169.

Patented Oct. 29, 1867.

Fig. 1.

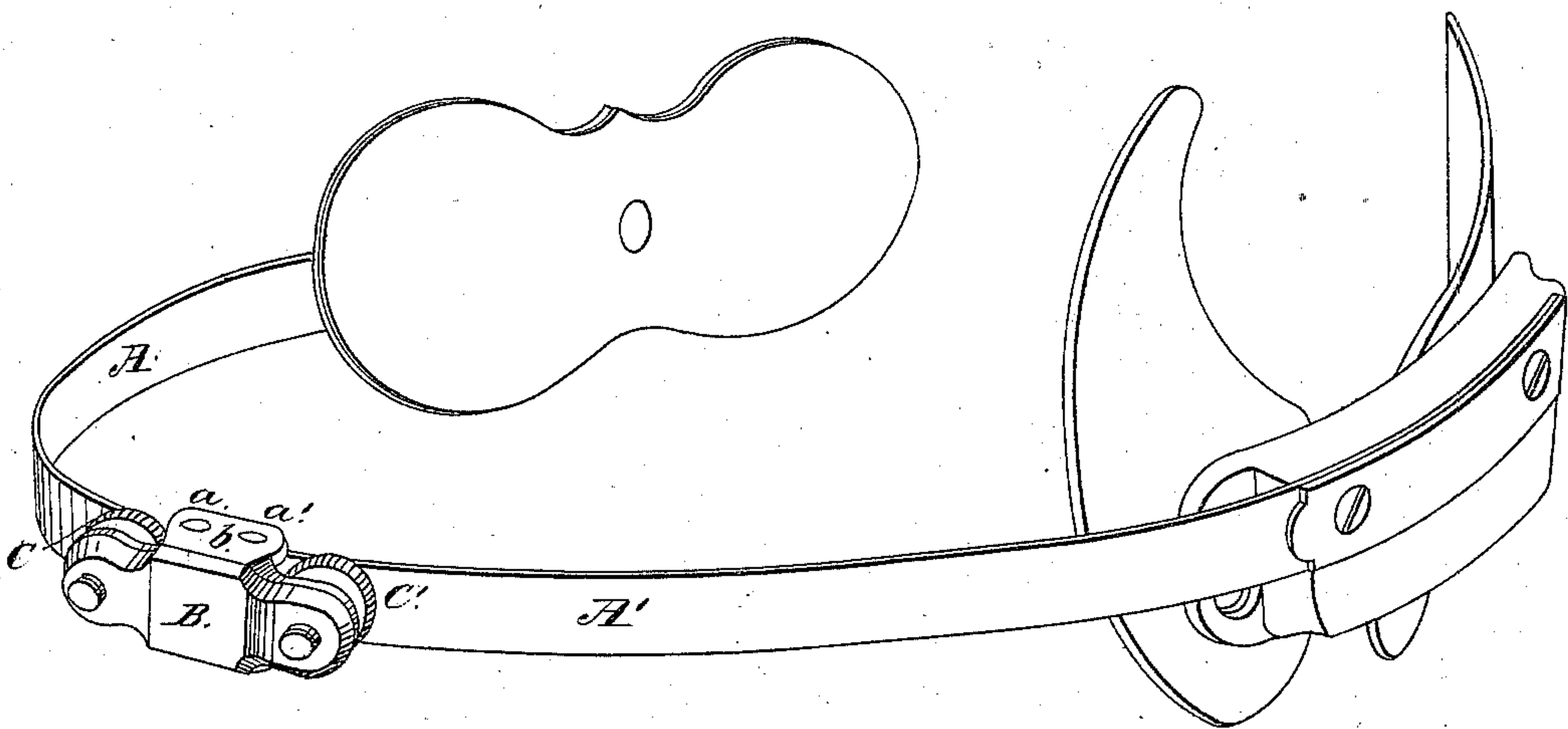
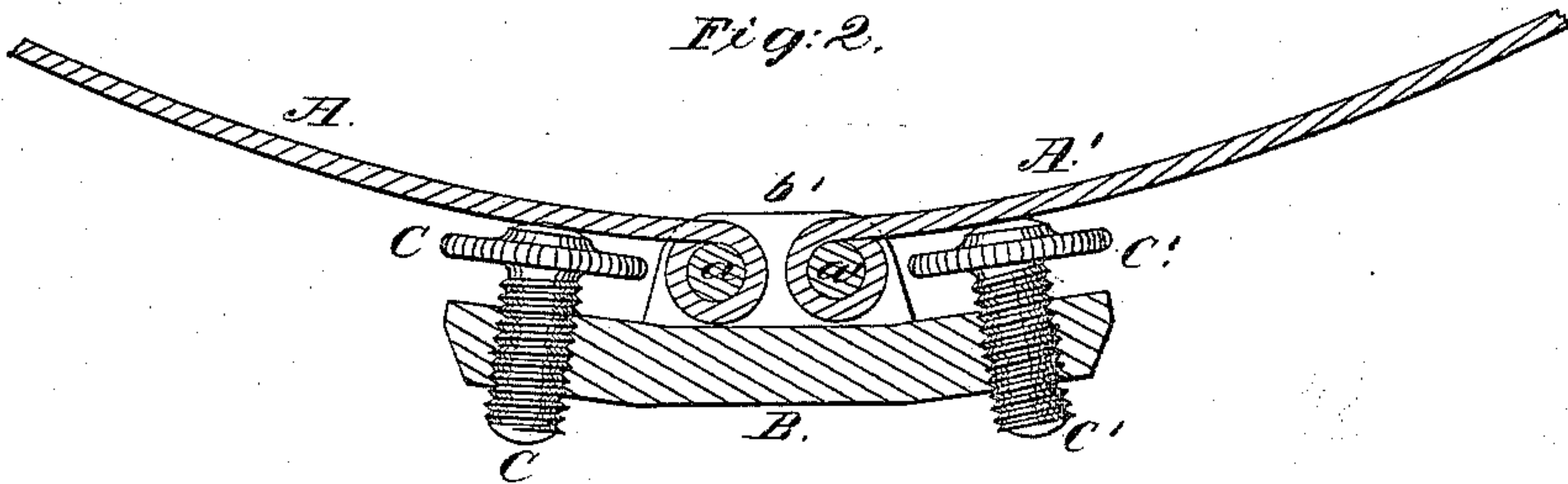


Fig. 2.



Witnesses:

Frank Millward,  
R. H. Parkes.

Inventors:

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A. D. Angell

By Knigh Bros  
Atty's.

# United States Patent Office.

GEORGE A. COLTON, OF ADRIAN, AND ALBERT D. ANGELL, OF COLD-  
WATER, MICHIGAN.

*Letters Patent No. 70,169, dated October 29, 1867.*

## IMPROVEMENT IN DEVICE FOR TRUSS-SPRINGS.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, GEORGE A. COLTON, of Adrian, Lenawee county, State of Michigan, and ALBERT D. ANGELL, of Coldwater, Branch county, State of Michigan, have invented a new and useful adjustable Device for Truss and Supporter-Springs; and we hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification.

Our invention consists in a peculiar device for adjusting truss or supporter-springs to give the requisite pressure upon the body; the distinguishing characteristics of the invention being that it has greater range of adjustability, is of simple construction, and within less dimensions than any device hitherto in use for this purpose. In the accompanying drawings—

Figure 1 is a perspective view of a truss embodying our invention.

Figure 2 is a section of the adjustable part of the same.

A A' are the two sections of the truss-spring separately hinged at *a a'*, as shown, to the lugs *b b'* of the plate B. C C' are the adjusting-screws, constructed with milled heads, (which bear against the springs at points slightly distant from the hinges *a a'*), and screwed shanks, which fit tapped apertures in the plate B. By the application of the fingers to the milled heads of the screws C C' the truss can be expanded or contracted in dimensions to suit the requirements of the patient, the double screw giving a great degree of adjustability. The strain upon the screws is that of compression, which they are best able to resist, and the whole device is compact, durable, and of simple construction.

We claim herein as new, and of our invention—

The plate B *b b'*, and adjusting-screws C C', in combination with the hinged sections A A' *a a'* of the truss-spring, substantially as described, and for the purpose specified.

In testimony of which invention we hereunto set our hands.

GEO. A. COLTON,  
ALBERT D. ANGELL.

Witnesses:

NORMAN GEDDES,  
FRED. L. GEDDES.