

L. P. Dayton,

Truss.

No. 88372.

Patented Mar. 30. 1869.

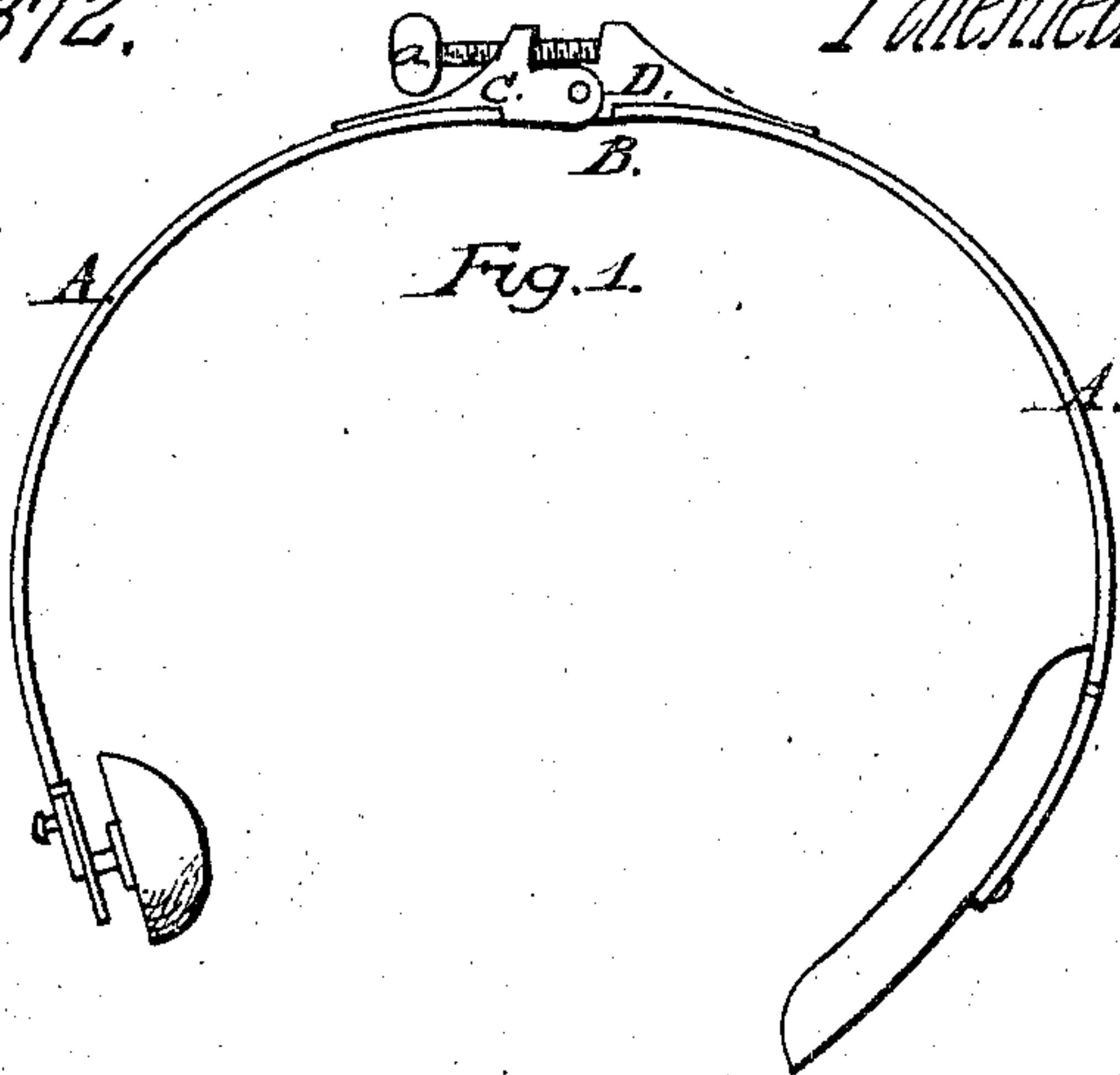
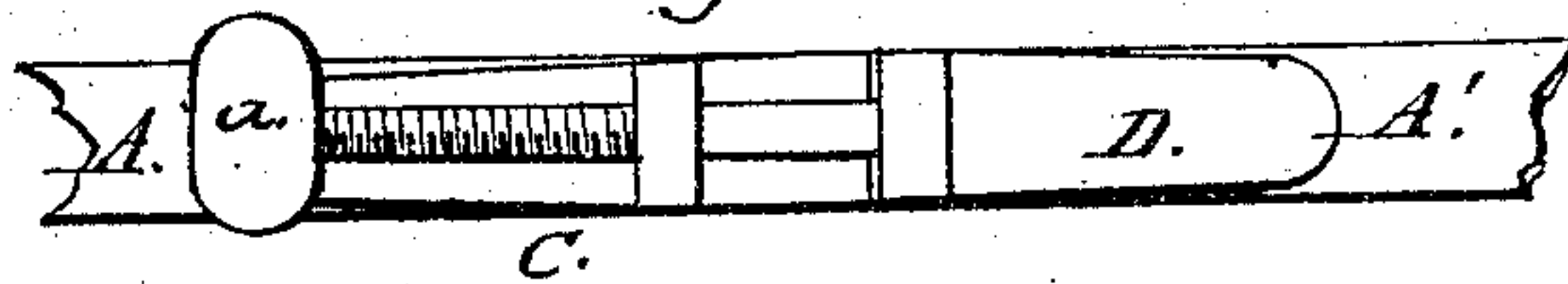


Fig. 2.



Witnesses:

J. A. Drake

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LEWIS P. DAYTON, OF NORTH BUFFALO, NEW YORK.

Letters Patent No. 88,372, dated March 30, 1869.

IMPROVED TRUSS.

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, LEWIS P. DAYTON, of North Buffalo, in the county of Erie, and State of New York, have invented a certain new and useful Improvement in Trusses; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a plan view of a truss, showing my improvement.

Figure 2 is an elevation of the hinge and the graduating-screw.

Letters of reference indicate corresponding parts in both figures.

My invention consists in forming the truss in two parts, and combining therewith a hinge and an adjusting-screw, by which the pressure of the pad is regulated at pleasure, as hereinafter set forth.

In the drawings,

A A' represent the ordinary spring-truss, formed in two pieces, and hinged at B.

One side has a projecting lug, C, formed on it, making one part of the hinge.

D represents the opposite lug, making the other part of the hinge.

The first has a thumb-screw, *a*, passing through the projecting part of the top, arranged for that purpose, and the end of the screw comes in contact with a similar projection (except that it is solid) of piece D. As the screw is turned, the end presses against the piece D, and narrows the circle of the truss, and, consequently, presses the pad more firmly against the ruptured part.

When the screw is turned the other way, it, of course, widens the circle of the truss, and decreases the pressure of the pad.

I make the hinge and arrange the thumb-screw, preferably, as shown in the drawings, but do not confine myself to this exact construction and form.

This hinge and adjustable screw can be put in any part of the truss that may be desired, so as to bring the pad in the right position, and, more important still, bring the screw in a position where the hand of the wearer can readily reach it, under the clothes, in order to adjust it at any moment.

It is principally intended to allow the wearer to increase the pressure, when, from continued exertion, more bearing is required. Also, to decrease the pressure, especially when the person sits down, and when the abdomen, for that reason or some other, is so distended as to render the pressure unpleasant.

By having the hinge and screw so arranged, and the truss properly adjusted, the wearer can, at any time—in the street, while walking, as well as while sitting in the house—adjust the pressure, by merely putting his hand in his pocket, or under his clothes, and turning the screw up or down, as desired, and it can be done in an instant, without attracting attention.

I disclaim anything else connected with a truss; but What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with the two parts A A', forming the truss, of the hinge C D and adjusting-screw *a*, arranged as described, and operating in the manner and for the purpose specified.

In witness whereof, I have hereunto signed my name, in the presence of two subscribing witnesses.

L. P. DAYTON.

Witnesses:

J. R. DRAKE,

ALBERT HAIGHT.