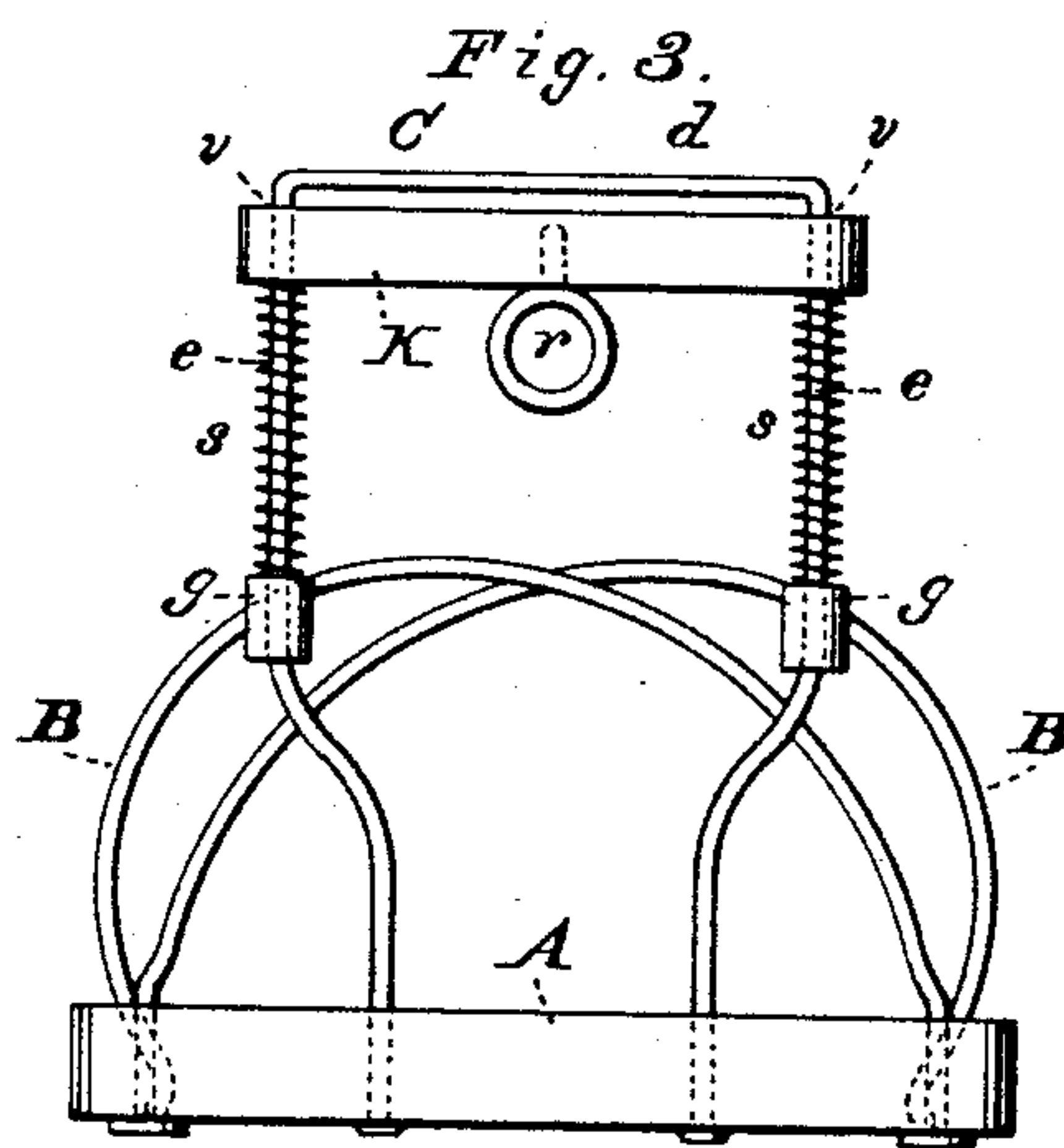
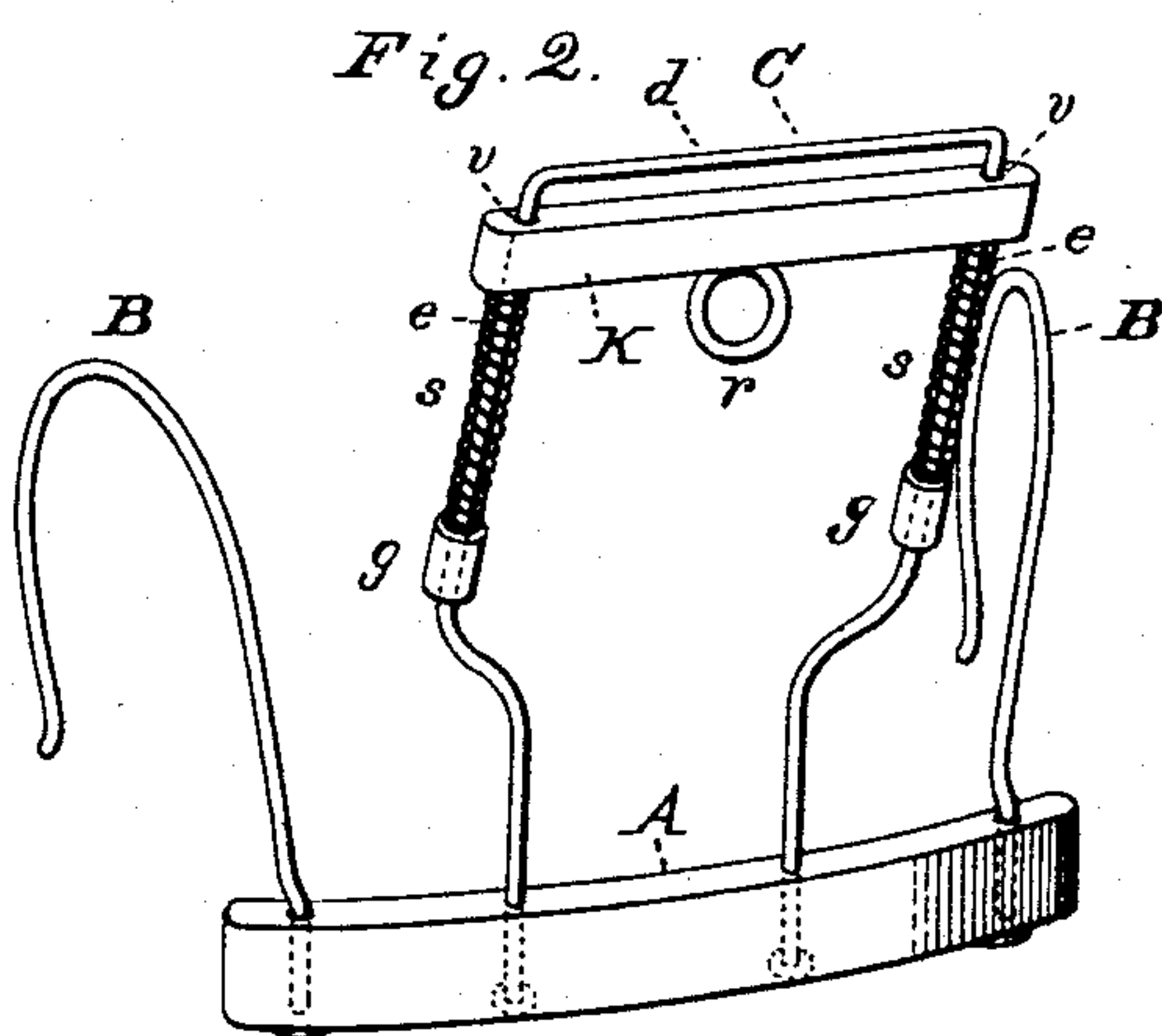
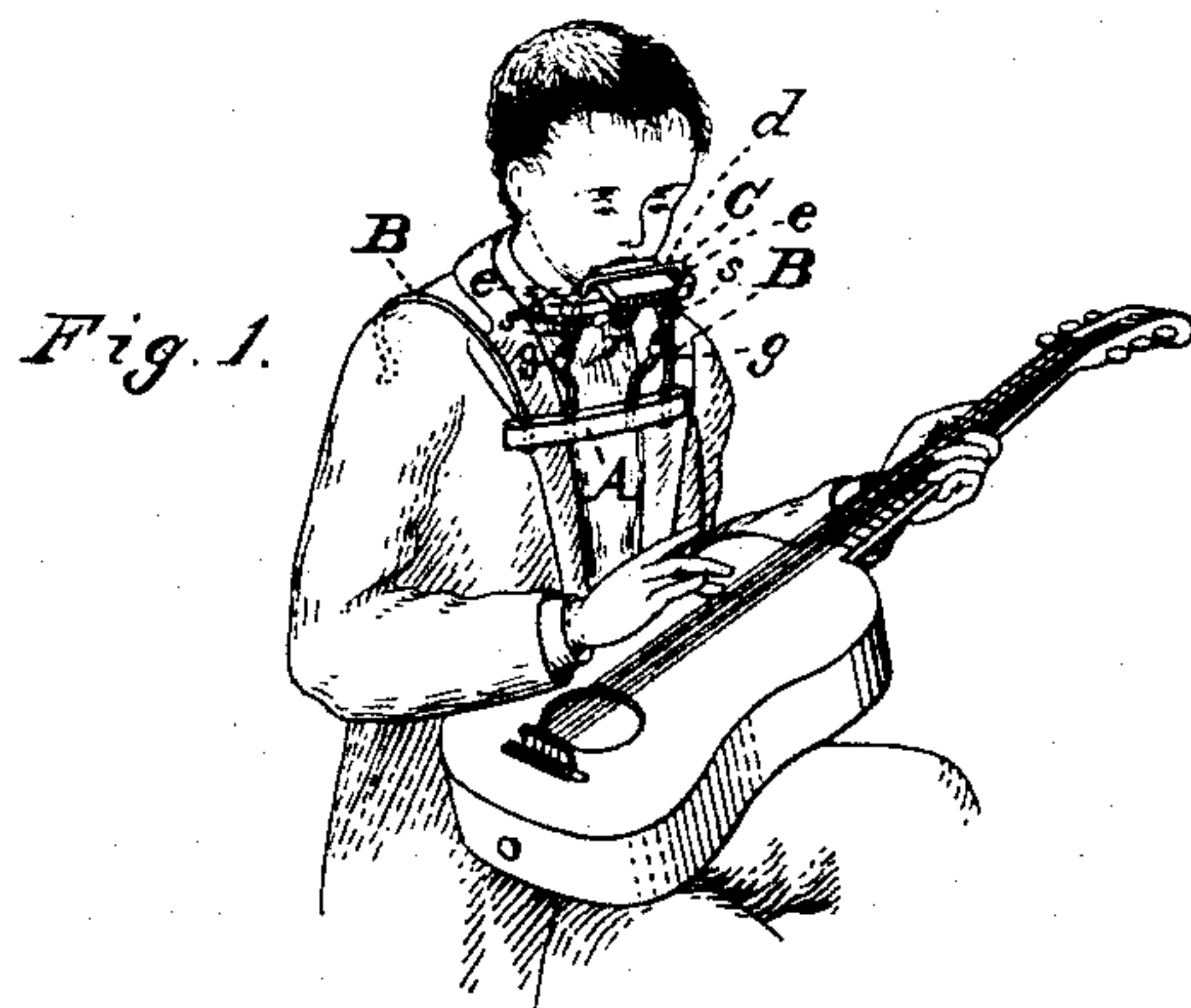


(No Model.)

A. B. CLARK.
HARMONICA HOLDER.

No. 411,374.

Patented Sept. 17, 1889.



WITNESSES:

Villette Anderson,
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INVENTOR

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BY

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UNITED STATES PATENT OFFICE.

ALVIN B. CLARK, OF RICHMOND, INDIANA, ASSIGNOR OF ONE-HALF TO
OLIVER T. KNODE, OF SAME PLACE.

HARMONICA-HOLDER.

SPECIFICATION forming part of Letters Patent No. 411,374, dated September 17, 1889.

Application filed March 18, 1889. Serial No. 303,729. (No model.)

To all whom it may concern:

Be it known that I, ALVIN B. CLARK, a citizen of the United States, and a resident of Richmond, in the county of Wayne and State of Indiana, have invented certain new and useful Improvements in Harmonica-Holders; 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 letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is also a perspective view. Fig. 3 is a front view, and shows the holder folded flat.

This invention has relation to devices for holding harmonicas to the shoulders and in front of the mouth in proper position to be operated with facility by the lips when the hands are engaged with another instrument.

In the accompanying drawings, the letter A designates a transverse horizontal bar, usually slightly concave from end to end to approximate the transverse contour of the breast of the operator, against which this bar A is designed to rest, being held in position by the hooks B B, which are usually of wire, and connected to the ends of said bar, and are of sufficient extent to engage the shoulders. These hooks are pivoted to the ends of the breast-bar A, and can be folded against said breast-bar, so as to take up but little room in transportation, the entire device being easily folded into flat and compact form.

C represents the loop-jaw of the holder, usually made of wire, and consisting of the horizontal portion *d* and the arms *e e*, which extend downward from said horizontal portion, and are secured to the breast-bar A.

Stops, usually in the form of small collars, as indicated at *g*, are provided on the arms *e*,

and springs *s* are arranged on these arms above the stops, engaging the lower or movable jaw K of the holder, this jaw being a small bar having perforations or ways *v* at its ends, through which the arms *e* of the loop-jaw pass. The springs *s* hold the lower jaw upward with considerable tension, and when the harmonica is placed in position between the loop-jaw C it is held with sufficient firmness opposite the lips, so that it can be readily and conveniently operated.

The movable jaw K is usually provided with a ring-handle *r*, so that it can be pulled downward easily when adjusting the harmonica in position to be held.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. A harmonica-holder having shoulder-hooks in connection with a transverse breast-bar, and holding-jaws above and connected to said breast-bar, substantially as specified.

2. A harmonica-holder having shoulder-hooks in connection with a transverse breast-bar, and spring-actuated holding-jaws above and connected to said breast-bar, substantially as specified.

3. A harmonica-holder consisting of the transverse breast-bar having the shoulder-hooks connected to its ends, the loop-jaw secured to said breast-bar, and having the spring and the movable lower jaw engaging said loop-jaw, substantially as specified.

4. The harmonica holder consisting of the breast-bar and its pivoted folding shoulder-hooks, the loop-jaw and its springs, and the movable jaw engaging the arms of said loop-jaw, substantially as specified.

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

ALVIN B. CLARK.

Witnesses:

JOSEPH MODLIN,
JOHN BRIGGS.