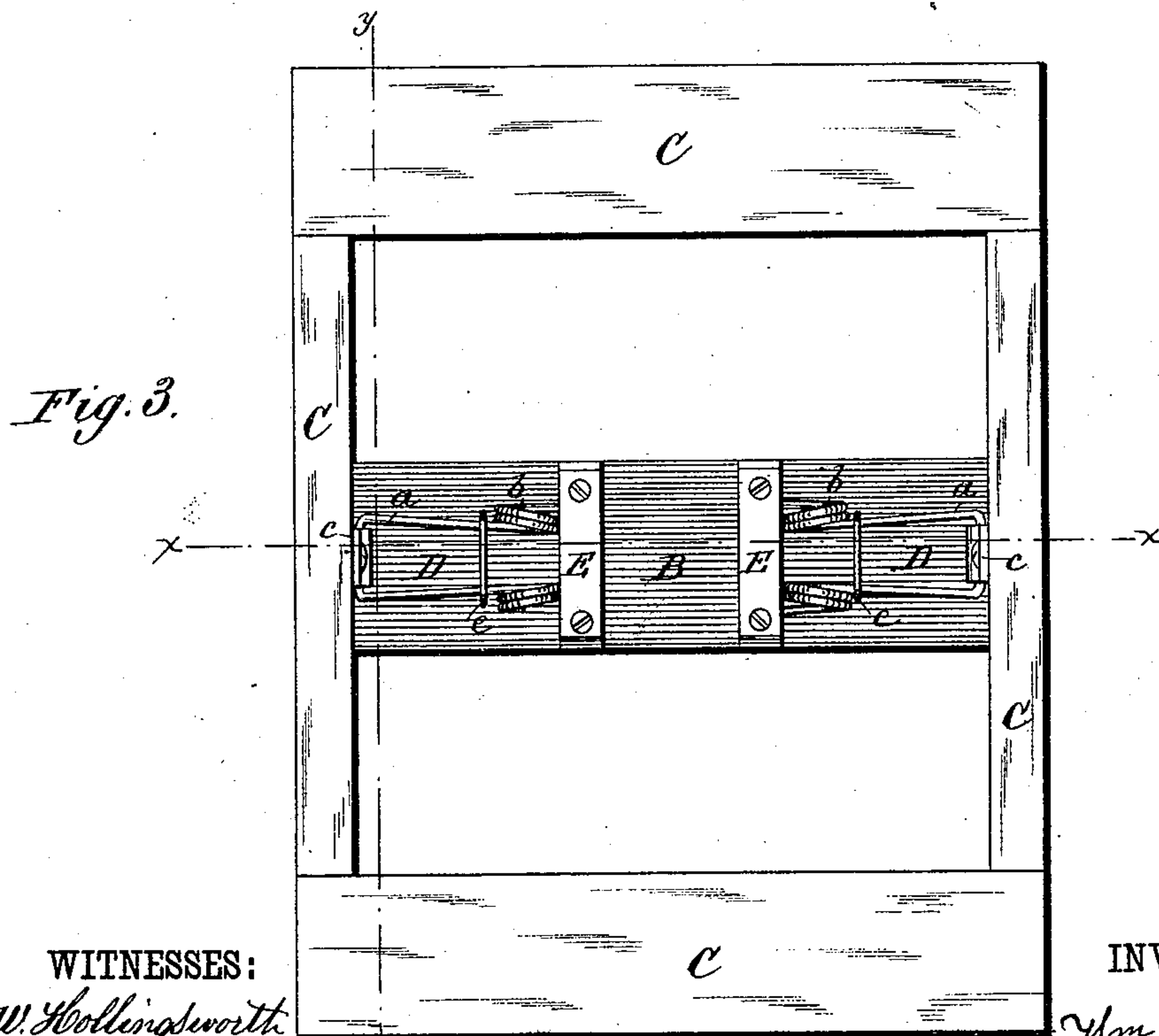
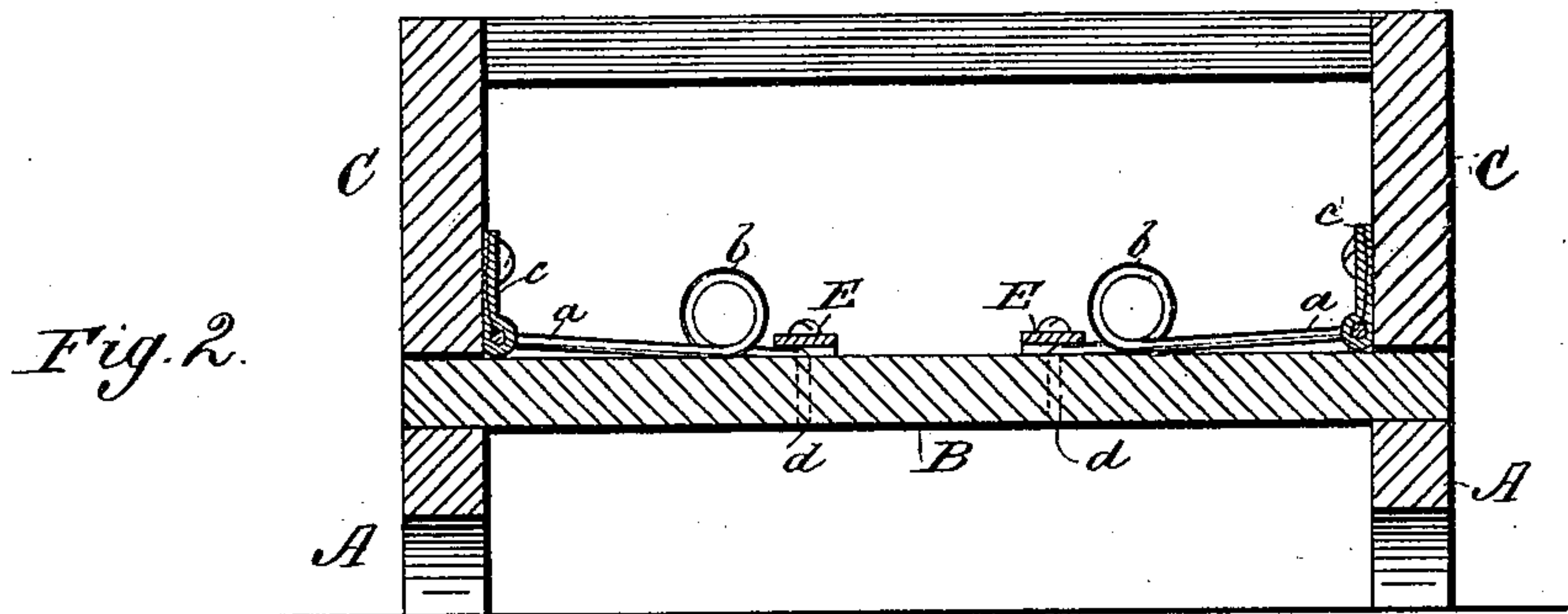
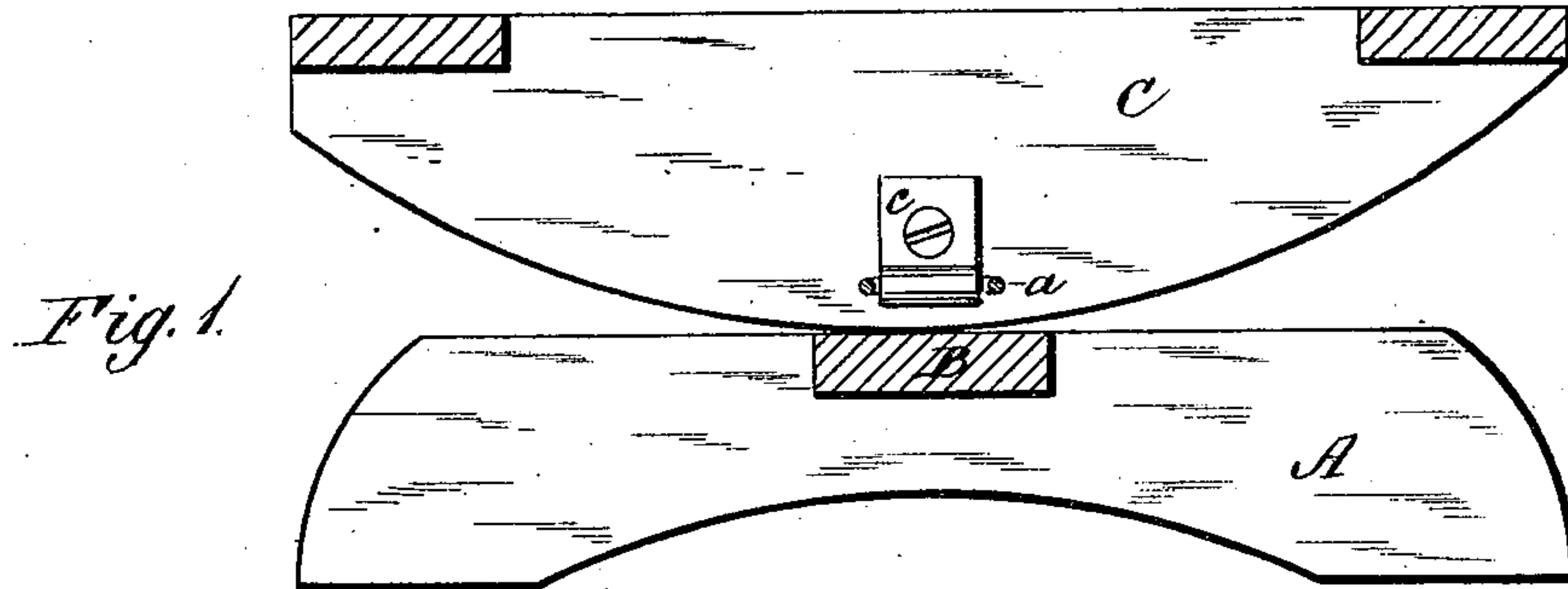


(No Model.)

W. E. BUSER.
Rocking Chair.

No. 241,297.

Patented May 10, 1881.



WITNESSES:
W. W. Hollingsworth
Edw. W. Byrne

INVENTOR:
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UNITED STATES PATENT OFFICE.

WILLIAM E. BUSER, OF CHILLICOTHE, OHIO.

ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 241,297, dated May 10, 1881.

Application filed February 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, WM. E. BUSER, a citizen of the United States, residing at Chillicothe, in the county of Ross and State of Ohio, have
5 invented a new and useful Improvement in Rocking-Chairs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

10 My invention relates to an improvement in that class of rocking-chairs in which the seat and back rock upon a platform against the tension of a spring.

15 The invention consists in the peculiar arrangement of the spring and the devices for connecting it to the rockers and platform, and for bracing and holding the parts of the spring in position.

20 In the drawings, Figure 1 is a vertical section, showing the lower parts of a platform rocking-chair through line *y y* of Fig. 3. Fig. 2 is a vertical section, through line *x x*, of the same, and Fig. 3 is a plan view.

25 A represents the two foot bars, connected by a cross-bar, B, and forming therewith the platform of the chair. C is the rocking section, the lower portion only of which is shown. For connecting these two parts of the chair I employ two looped and coiled-wire springs, D D,
30 similar in form to those heretofore used, but having their inner ends bent at right angles and inserted through vertical perforations near the center of the cross-bar B. The loops *a* are secured to the rockers by broad flexible bearings *c*, made of any suitable material.

35 As heretofore used, similar springs have had their inner ends secured to the top of a central block with the coils downward, so that the movement of the rockers tended to open or relax the coils. This arrangement is objectionable, because the elasticity of the spring is not so great and the coils are liable to become

40 sprung or relaxed. In my invention the coils are placed upward, so that the movement of the rockers tends to contract them, whereby their elasticity is not so easily impaired, and they will retain their proper shape longer than when the strain tends to open the coils. Besides, in having their inner ends vertically secured to the cross-bar of the platform, a stronger
50 means of resistance against the upward strain of the rockers is secured. For better securing the said ends in position I fasten them down by clamp-plates E, or by nuts or any suitable device. The coils upon the two sides of each
55 spring are connected by a link or strap, *e*, to strengthen them and give them greater uniformity of action.

Now, when the movable section of the chair rocks, it will be seen that the broad flexible bearings *c*, by which the loop ends of the springs are secured to the rockers, will hold the said
60 ends yieldingly in a horizontal position, so that the springs are not liable to be wrenched to one side, and at the same time aid the links *e* in securing greater strength and smoothness of operation.

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

70 A rocking-chair consisting in a pair of rockers having on their inner sides broad flexible bearings *c*, in combination with the looped coiled springs D, which are provided with links *e*, and arranged with their coils upward and their inner ends vertically inserted in platform
75 B, substantially as shown and described, whereby the springs may have greater elasticity and uniformity of action, as set forth.

WILLIAM E. BUSER.

Witnesses:

A. B. COLE,
ALBERT B. SCHOLDER.