

(No Model.)

G. W. BRENN.
EXTENSION TABLE.

No. 290,734.

Patented Dec. 25, 1883.

Fig. 1.

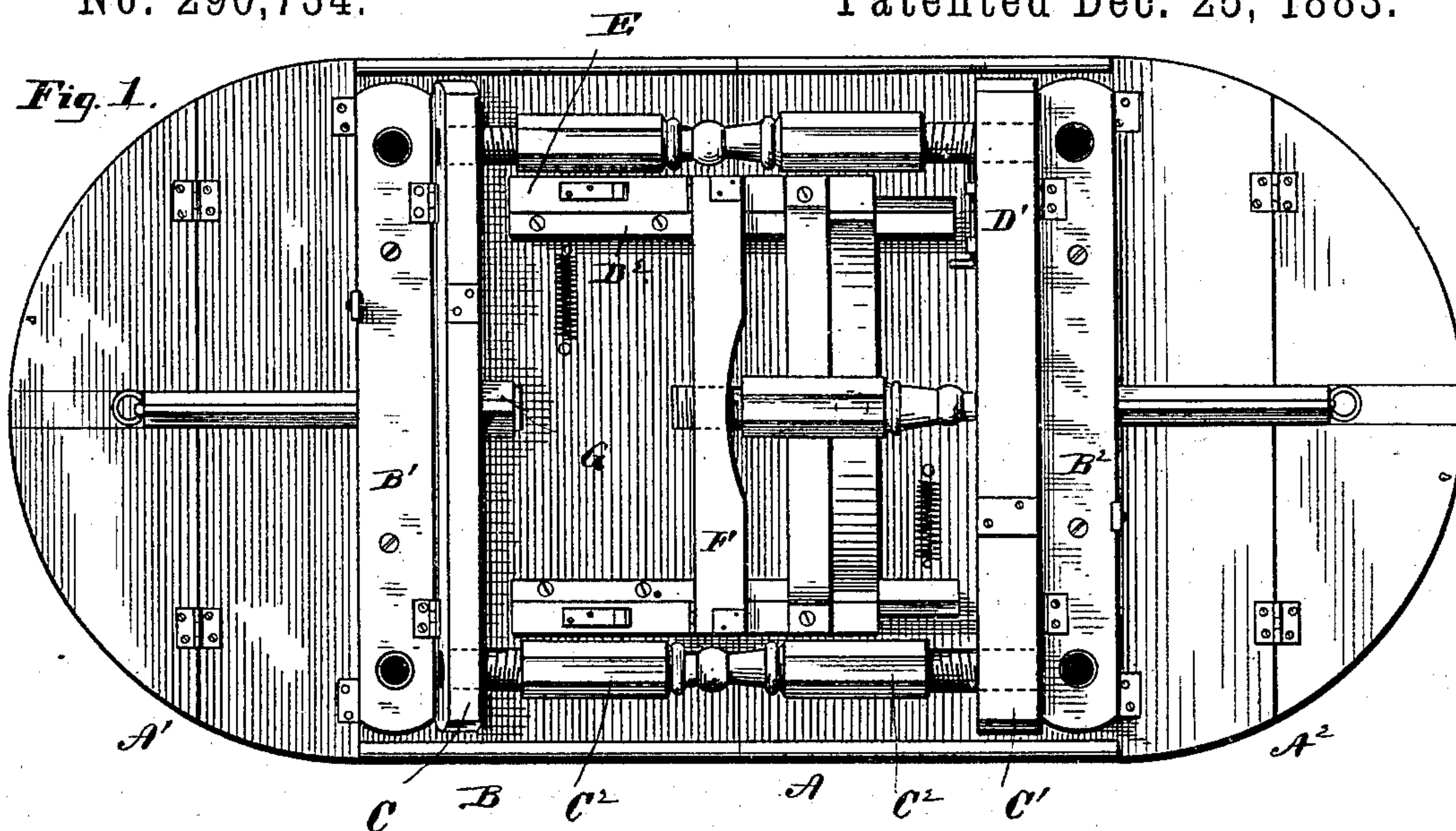


Fig. 2.

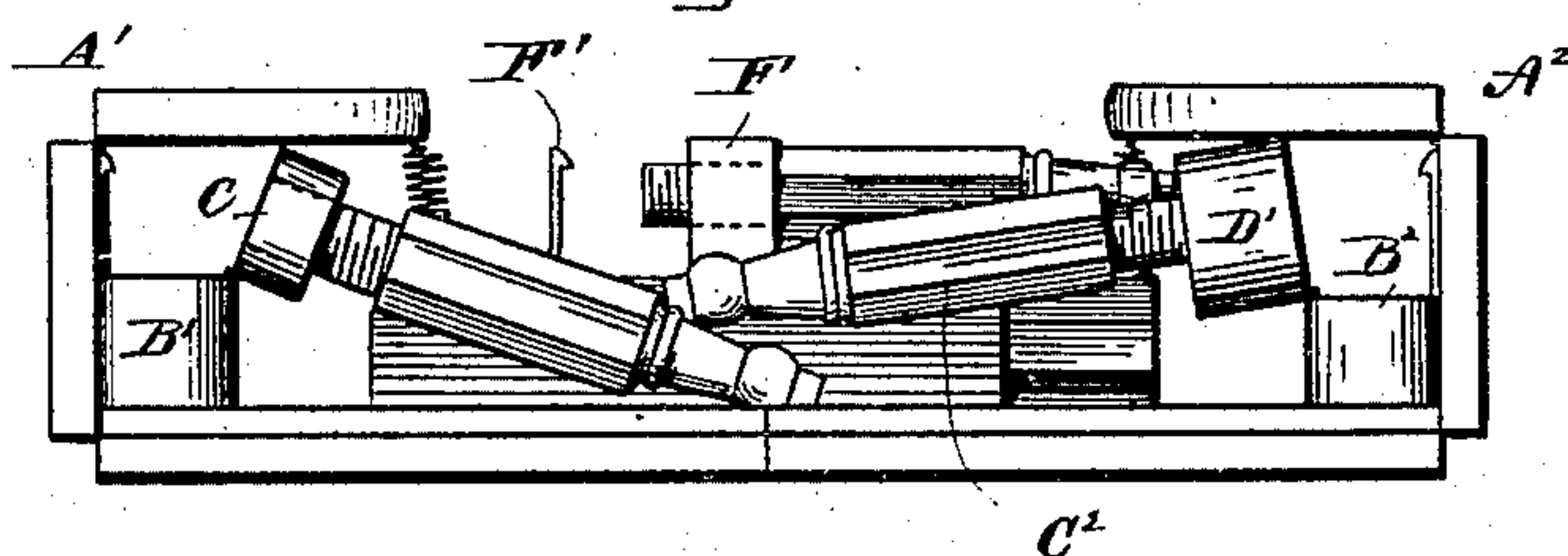


Fig. 3.

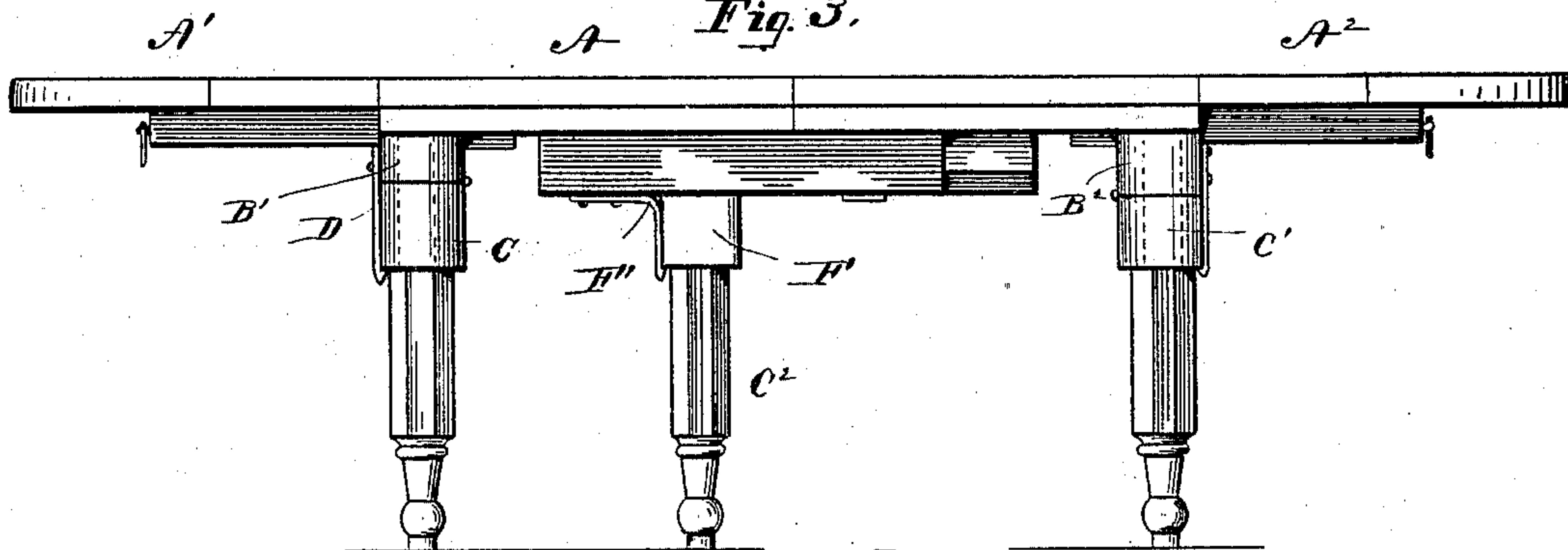
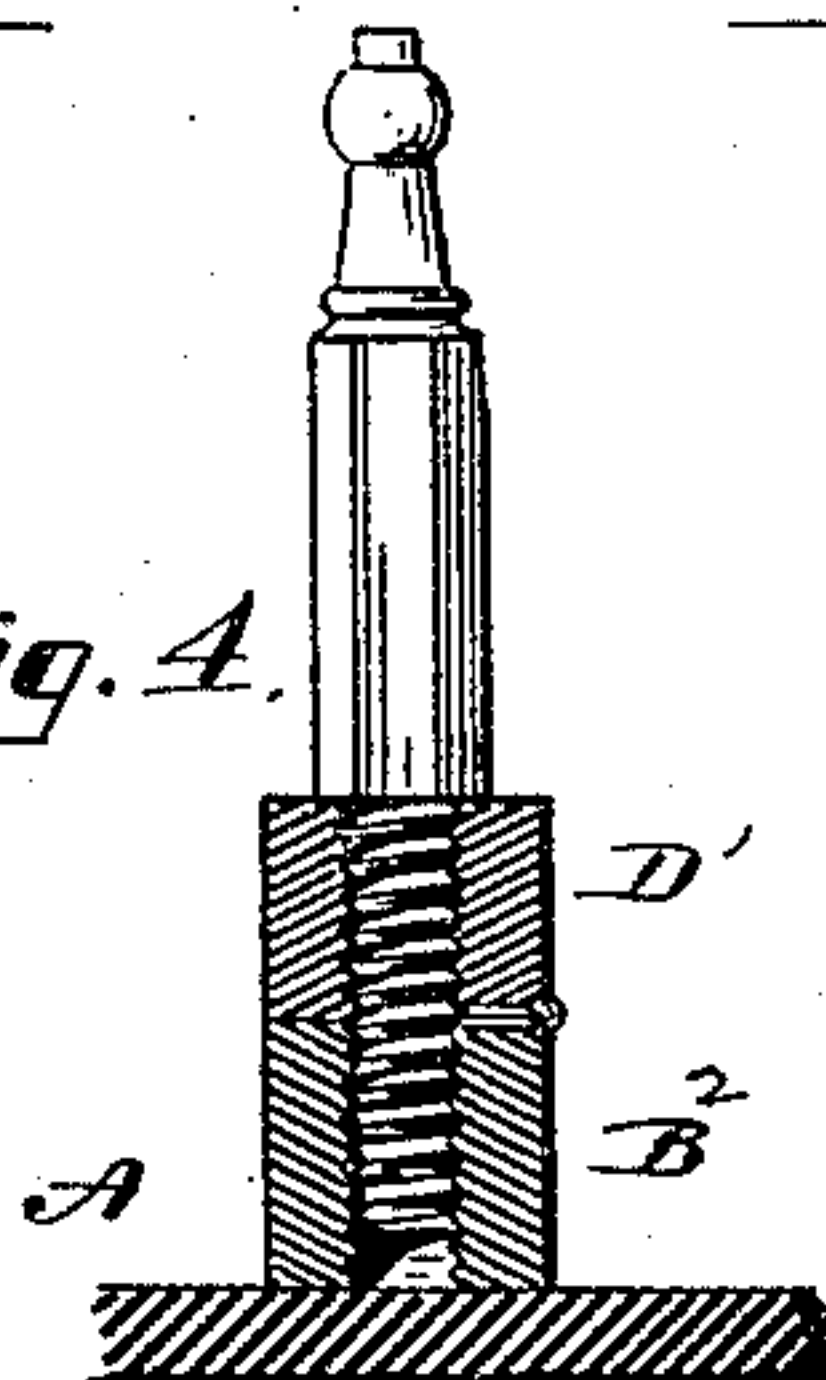


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE W. BRENN, OF PHILADELPHIA, PENNSYLVANIA.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 290,734, dated December 25, 1883.

Application filed April 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BRENN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Extension-Tables, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in extension and folding tables and in other analogous articles of furniture, such as desks, stands, &c.; and it has for its object to provide means whereby the
15 length of the tables may be increased or diminished at will, and whereby the legs of such articles may be readily and compactly folded out of the way, in order to render the articles easy of shipment and reduce the space they
20 occupy while not in use.

It consists in providing the tables, &c., with supporting-legs capable of being folded in against the lower side of the top, and with extension-slides and other supplemental devices,
25 the peculiarities of which will hereinafter more fully appear.

In the accompanying drawings, forming a part of this specification, and on which like letters of reference indicate corresponding features, Figure 1 represents an inverted plan view of my improved table, looking from the under side thereof, the legs being shown as folded down; Fig. 2, a side elevation of the same, the outer leaves being folded back;
30 Fig. 3, a side elevation of the table in proper standing position; Fig. 4, a transverse vertical sectional view of the leg-bolsters and a portion of the table-top.

The letter A indicates the top proper of my improved table, the same being constructed of wood, as usual, and provided at each end with double-hinged leaves A' and A², and on the sides with a rounded molding, B, which imparts strength and serves to prevent warping.
40

45 The letters B' and B² indicate fixed leg-bolsters, secured to the under side of the top in any suitable manner, and to these bolsters are hinged the movable leg-bolsters C and C', to which are screwed the legs C². The fixed bolsters are provided with screw-threaded apertures coincident with the position of the legs,

as seen in Fig. 4, by which arrangement a firm and strong union of the same and the hinged bolsters is effected. Spring-catches D are employed for the purpose of holding the fixed
55 and hinged bolsters together while the legs are being screwed home.

Screwed to each of the hinged bolsters C and C' are two spring sliding bolts, D', the points of which engage depressions in the legs, the
60 object being to prevent the entire displacement of the legs and to indicate when they are unscrewed sufficiently to clear the fixed bolsters. A second depression is also made in each leg at a point which will admit of the en-
65 gagement of the bolt when the leg is screwed its full depth, the object of this being to positively prevent the leg from becoming loose.

The letter D² designates the fixed ways, which are secured to the under side of the top
70 in any convenient manner, and the letter E the slides, the said ways and slides being fitted together through the medium of any suitable head and groove, those of dovetail form being shown in the present instance. The slides E are se-
75 cured to each other by a cross-bar, E', and are braced by a strap, E². The slides on their inner sides are provided with longitudinal dovetail grooves, and the ends of the cross-bar are made to fit said grooves, thus admitting of
80 the independent movement of the slides, the bar being held between the adjacent ends of the fixed ways. Hinged to these slides is another hinged bolster, F, the same being pro-
85 vided with a central supporting-leg screwed thereto, and adapted to extend into the cross-bar E', in the manner above described when referring to the outer legs and bolsters. These slides are also provided with spring-catches F², which engage the hinged bolster and serve
90 the same purpose as the similar catches secured to the fixed bolsters B' and B².

Secured to the under side of the top are boxes G, in which fit the sliding strengthening and leaf-supporting bars G', the same be-
95 ing preferably of dovetail form, and the top being also preferably grooved to receive them. The fixed bolsters are cut away in order to fit these sliding bars G', and thereby serve as additional guides for the same, though when the
100 form of bolster shown in Figs. 7 and 8 is used the boxes G are sufficient. When it is desired

to increase the length of the table, it is separated in the usual way and additional leaves inserted. When it is desired to ship the table or to put it aside out of the way, the legs are
5 unscrewed until they free the fixed bolsters, and then folded toward each other, as indicated in Figs. 1 and 2. The outer hinged leaves are also folded down, springs H engaging with hooks for the purpose of holding
10 them against accidental movement.

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

1. The combination, with the top of a table,
15 of the fixed bolsters, secured thereto and provided with screw-threaded apertures, of the hinged bolsters, attached to said fixed bolsters and provided with like threaded apertures, and the threaded legs, the said legs being con-

structed as described, whereby they may be 20 made to extend into both bolsters, to secure the parts and hold the legs in vertical position, substantially as specified.

2. The combination, in an extension-table, with the fixed ways and a bolster secured to 25 the top thereof, of the slides engaging said ways, one or more cross bars or connections hinged to said slides, said cross-bar and bolster having each a threaded aperture, and a leg provided with a threaded portion, as set forth, 30 as and for the purpose specified.

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

GEORGE W. BRENN.

Witnesses:

H. A. TOULMIN,

H. J. ENNIS.