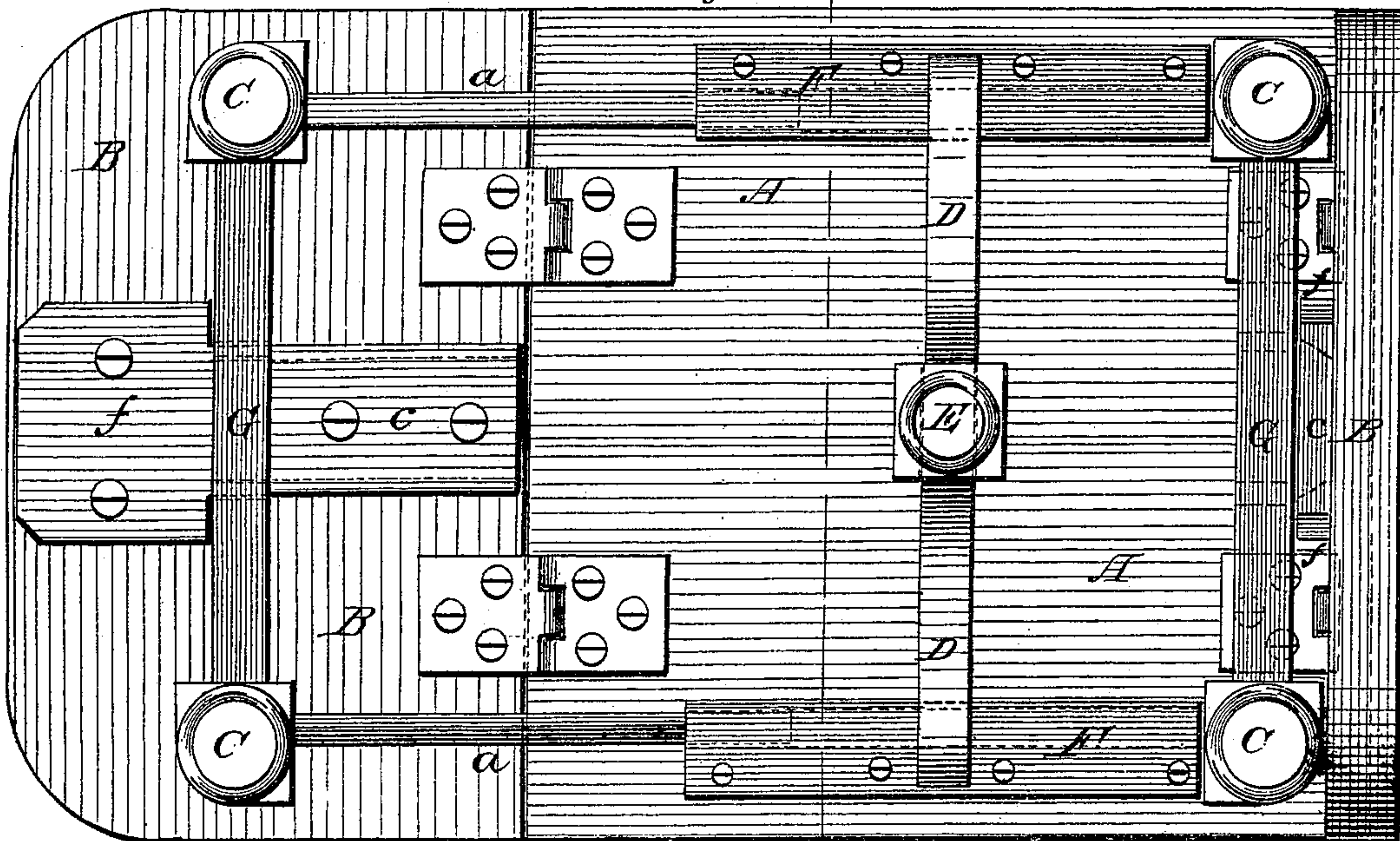


C. A. BRETZ.  
EXTENSION-TABLE.

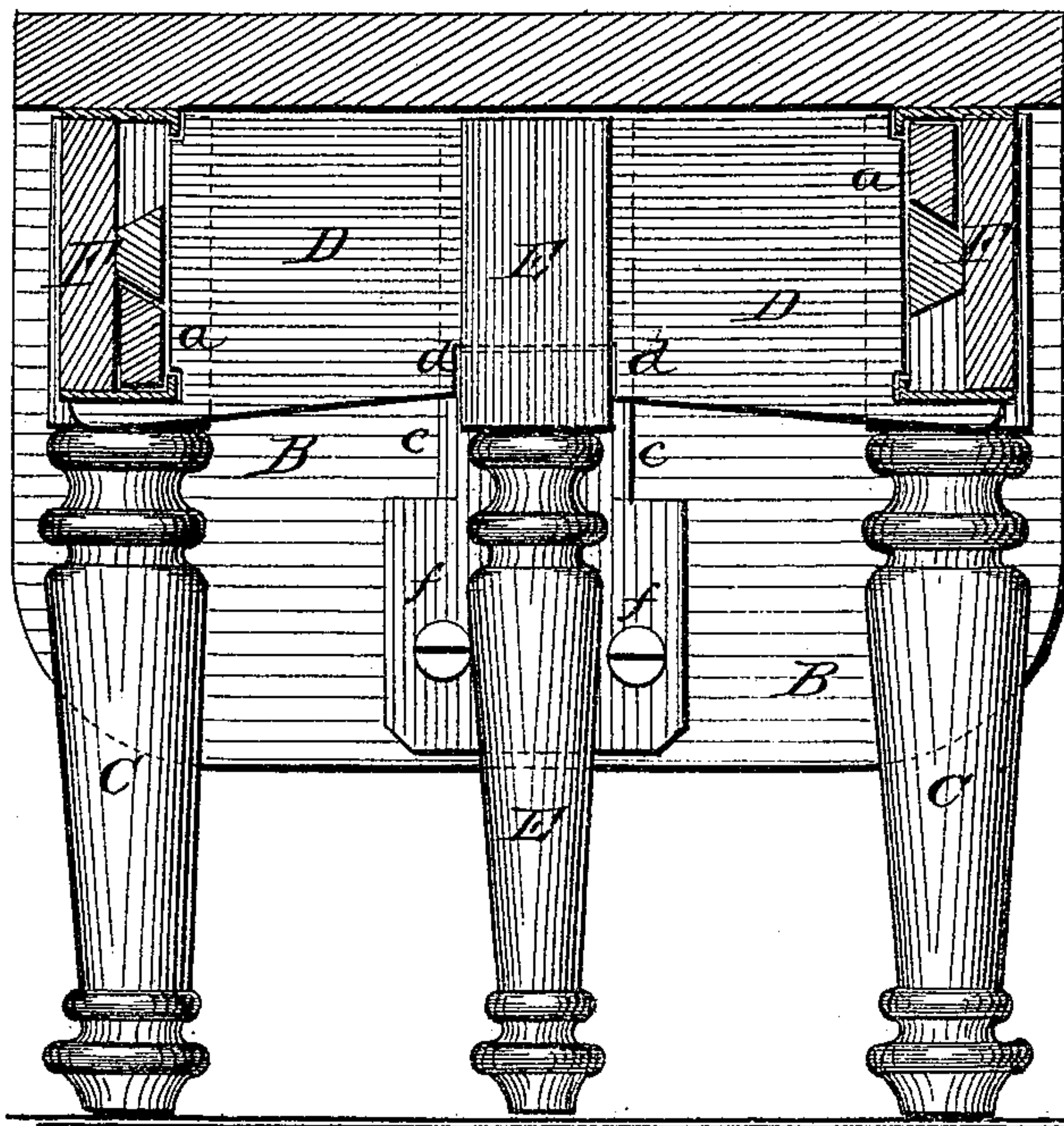
No. 184,580.

Patented Nov. 21, 1876.

*Fig. 1.*



*Fig. 2.*  
*H*



Witnesses:

*P. C. Dietrich.*  
*Frank H. Duffy*

Inventor:

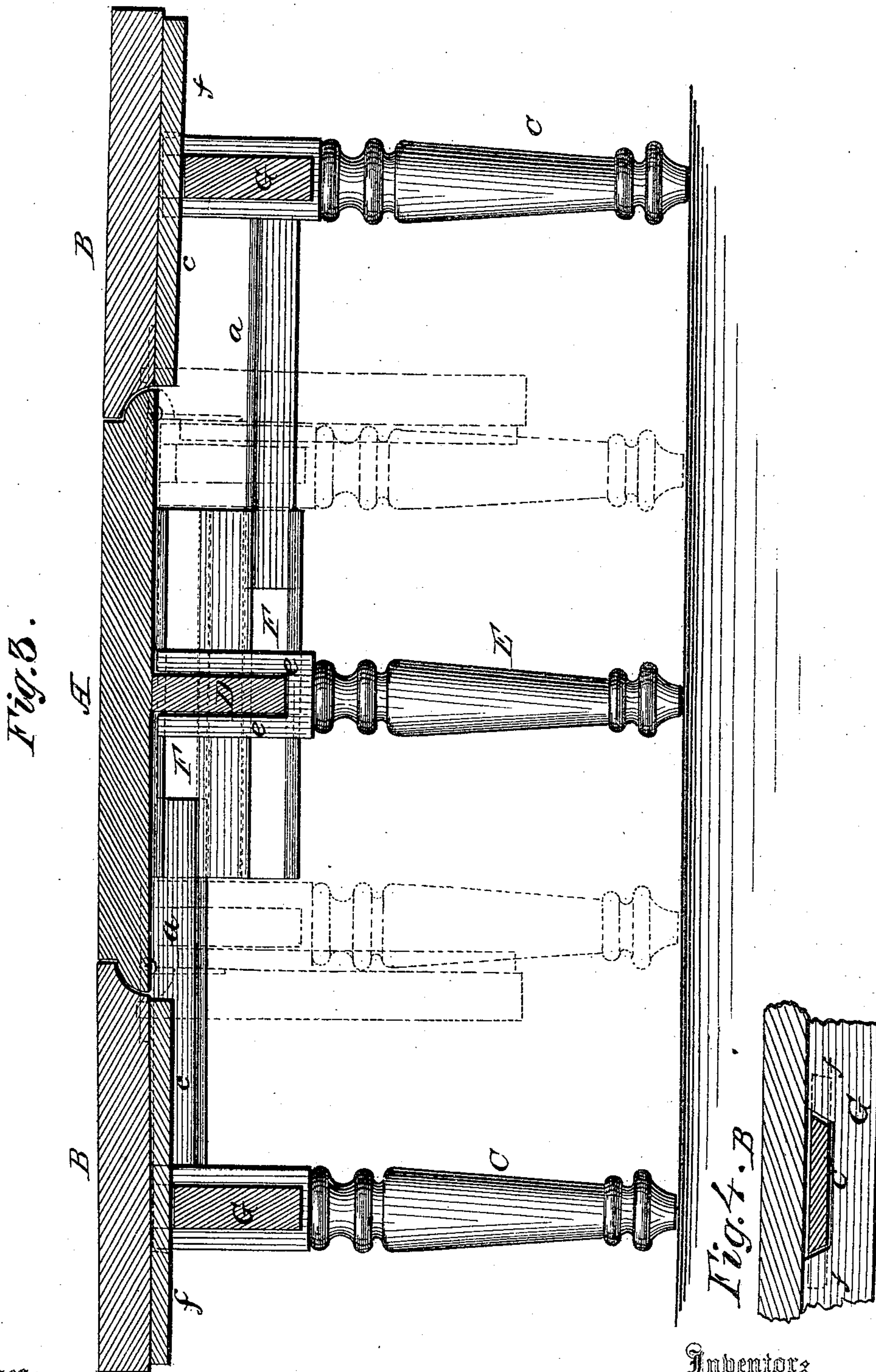
*Chas. A. Bretz*

Per: *C. H. Watson & Co.* Attorneys.

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Chas. A. Bretz  
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# UNITED STATES PATENT OFFICE.

CHARLES A. BRETZ, OF ST. CLAIR, PENNSYLVANIA.

## IMPROVEMENT IN EXTENSION-TABLES.

Specification forming part of Letters Patent No. 184,580, dated November 21, 1876; application filed October 16, 1876.

*To all whom it may concern:*

Be it known that I, CHARLES A. BRETZ, of St. Clair, in the county of Schuylkill and State of Pennsylvania, have invented certain new and useful Improvements in Extension-Table; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in extension-tables; and it consists in the combination and arrangement of parts, as will be hereinafter more fully set forth, and pointed out by the claims.

In the annexed drawing, Figure 1 is a bottom view. Fig. 2 is a transverse vertical section. Fig. 3 is a central vertical section, and Fig. 4 a detail.

A represents the center-piece, B the leaves hinged thereto, and C the legs of an ordinary table.

On the under side of the piece A, across the center, and extending nearly the entire width of the table, is secured rigidly, by any suitable means, the support D, on the under side of which is cut the recess *d*, to receive the forked arms of the additional leg E, in which is cut the slot *e*. By thus securing this additional leg to the center of the table it is obvious that greater strength is given to the same when the table is extended, and that it can be easily removed to be out of the way when the table is in its smallest form. On each end of the support D, and fastened to the center-piece A, are the guides F to re-

ceive the extension-bars *a* attached to the legs C. To the upper part of the legs C are secured the supports G in the upper side. In the center thereof are cut the beveled recesses *b*. On the under side of the leaves B, and in the center thereof, are secured, by any suitable means, the beveled slides *c*, on each side of which, and lying close thereto, are placed the heads or straps *f* to allow the legs C to be drawn out only so far. By means of the slides *c* and recesses *b* being beveled in opposite directions, the leaves B are firmly attached to the frame of the table.

The operation is as follows: When you desire to extend the table, raise the leaves B, and the legs C can then be drawn out, and the recesses in the supports G slide over the slides *c* until stopped by the heads *f*.

By these means I obtain a table that is both efficient in operation and not liable to get out of repair.

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

1. In an extension-table, the permanent support D, in combination with detachable leg E, as described, and for the purpose specified.

2. In an extension-table, the combination of the permanent support D, detachable leg E, guides F, bars *a*, and legs C; all constructed and arranged as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

CHARLES A. BRETZ.

Witnesses:

THEOBALD RUFFING,  
THEODORE THORN.