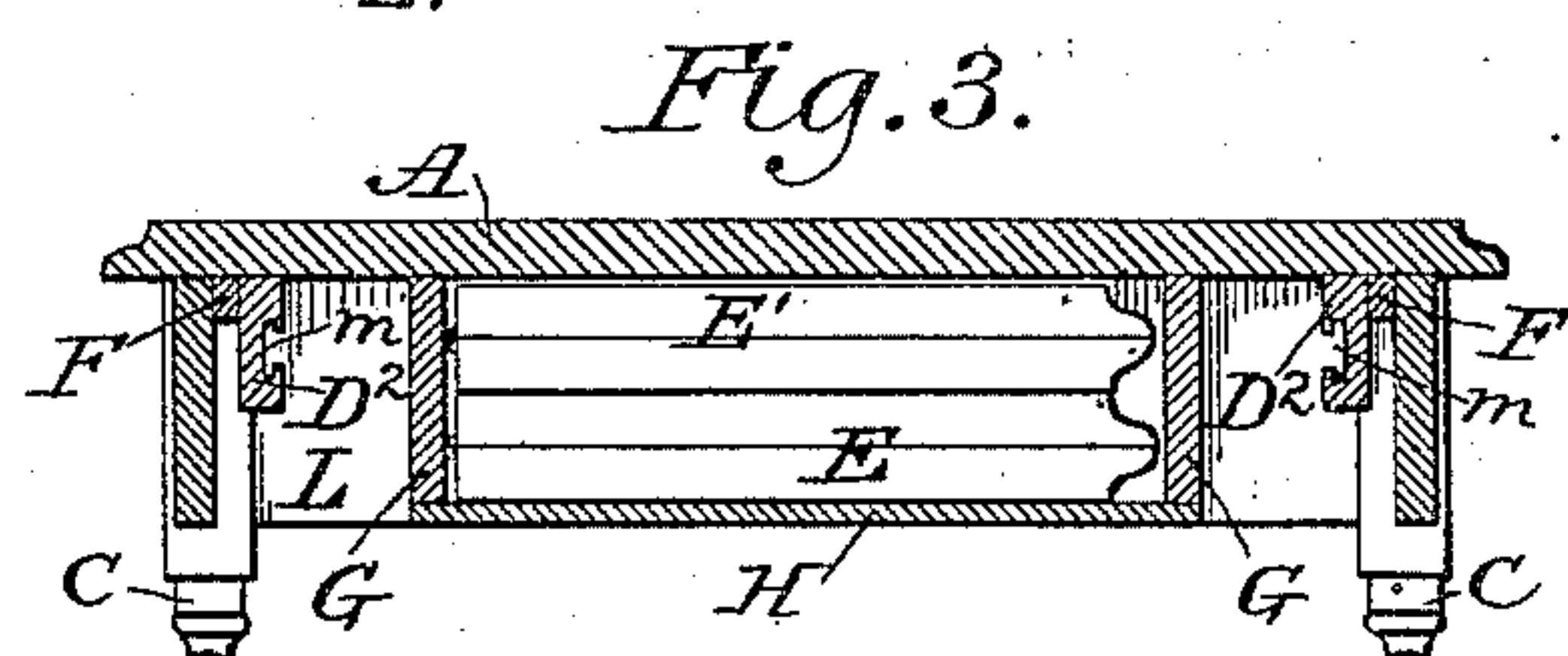
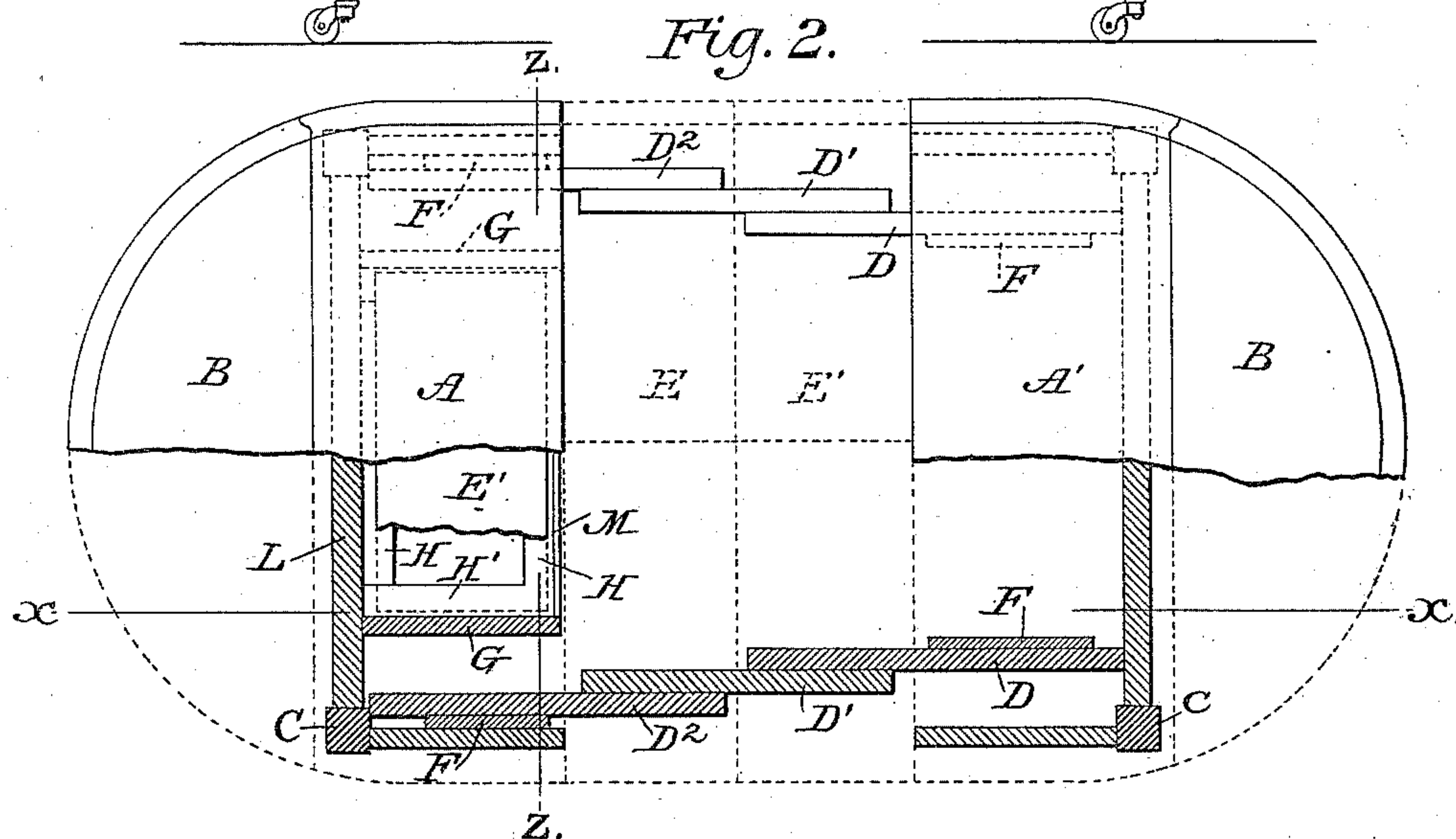
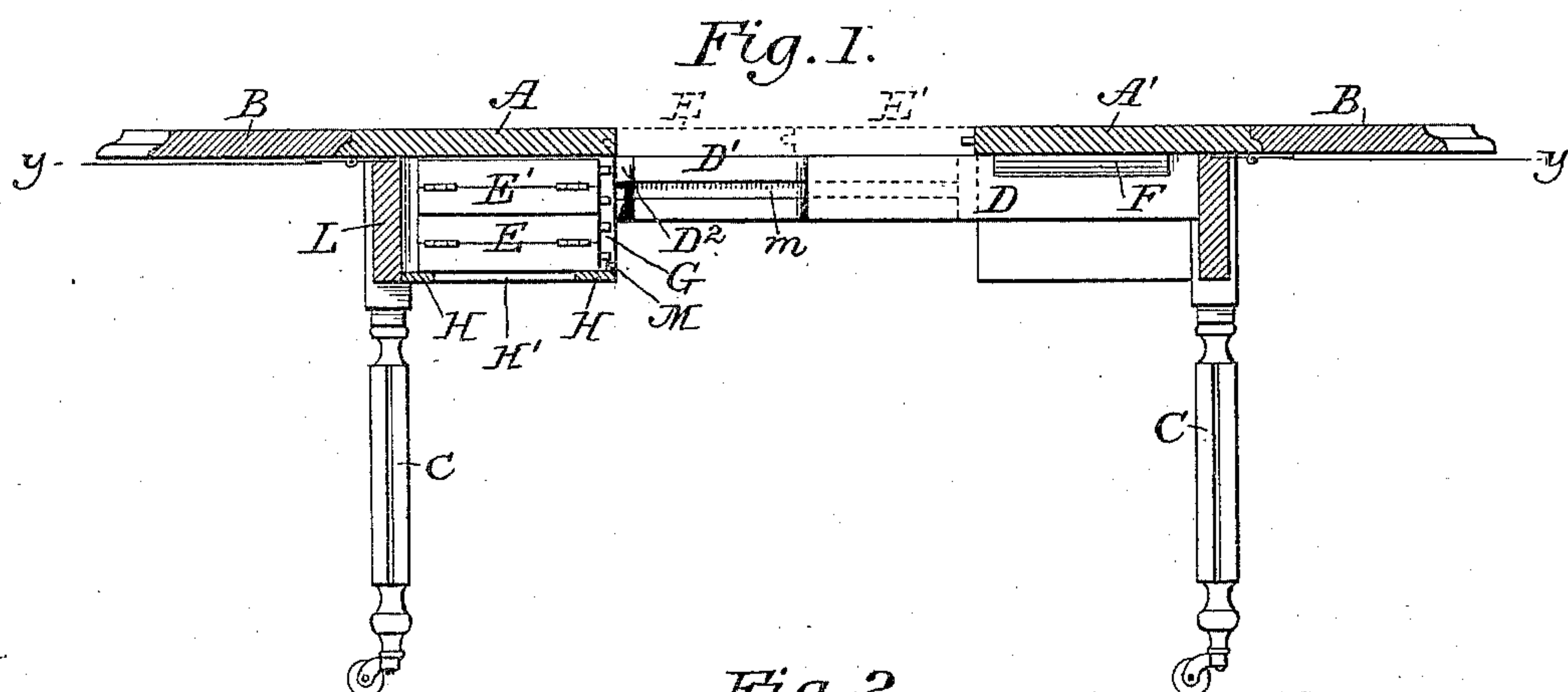


(No Model.)

L. OPPENHEIM.
EXTENSION TABLE.

No. 442,997.

Patented Dec. 16, 1890.



Attest:
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UNITED STATES PATENT OFFICE.

LUIS OPPENHEIM, OF NEW YORK, N. Y., ASSIGNOR TO SARAH OPPENHEIM,
OF SAME PLACE.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 442,997, dated December 16, 1890.

Application filed July 17, 1890. Serial No. 359,076. (No model.)

To all whom it may concern:

Be it known that I, LUIS OPPENHEIM, of the city, county, and State of New York, have invented a new and useful Improvement in
5 Extension-Tables; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of
10 this specification.

My invention relates to devices provided in connection with extension-tables to afford ready means for storing the extra detachable leaves of the table within the frame of the
15 table itself without altering the usual appearance or construction thereof.

Heretofore, so far as I am aware, no receptacle for the reception of the leaves has been invented which has not been either cumbersome, complicated, or ungainly, or which has not been so connected or attached to the extension-slides or slide-bars as to weaken the table and interfere sooner or later with the operation of the slides by reason of the weight
25 thereon.

The object of my invention is to provide, in any and all approved forms of extension-tables in which the detachable leaves are, as is now customary, hinged in the middle to admit of reducing their length by folding them, a convenient receptacle for said folded leaves which shall be wholly independent and clear of the slides or moving parts of the table, so that these may be made as firm and strong
30 as possible, be left free to work to the best advantage, be relieved of all extra weight, be secured at both ends directly to the fixed leaves of the table, and be re-enforced by lateral corner-blocks fixed both to the leaves
40 and slide-bars.

It consists in the combination, with the fixed leaf or top board at one end of the table, of a receptacle for the extra leaves secured centrally to the under side of said fixed leaf
45 in such manner as to permit the slide-bars at that end of the table to be carried under said leaf and secured directly thereto and to be strengthened by means of corner-blocks without impeding the movement of the slides under the leaf, the receptacle having an open-

ing toward the middle of the table, all as is hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a vertical longitudinal section, in line *xx* of Fig. 2, of my improved extension-table opened
55 out, but with the two detachable leaves stored away in the receptacle therefor. Fig. 2 is a plan view of the same, partly in horizontal section, in line *yy* of Fig. 1. Fig. 3 is a transverse section in line *zz* of Fig. 2.

Similar letters indicate like parts in all of the figures.

A A' represent the fixed top leaves or end boards, B B the hinged end leaves, C C the legs, and D D' D² the extension-slides, of an
65 ordinary two-leaf extension-table.

The end slides D and D² at the opposite ends of the table are respectively secured directly to the underside of its fixed end leaves A' A, as shown in Fig. 2, the intermediate
70 slides D' being supported by said end slides, thus avoiding the necessity of a central leg.

E E' are the two extra detachable leaves which complete the table-top when it is extended to its full length. Each of said leaves
75 is divided midway its length, (see dotted lines, Fig. 2,) and the two parts are hinged together end to end, so that the leaf may be folded and doubled upon itself, as shown in Fig. 3. When these detachable leaves are moved
80 from the table, the table may be reduced in length in the customary manner by pushing the ends toward each other until the fixed leaves A A' are brought together, the two inner slides D D at one end of the extension-
85 frame being made thereby to move in between the next two slides D' D', and these in turn between the outer slides D² D² at the outer end of the frame until the front ends of the inner slides D D are carried wholly within
90 the outer slides D² D² and under the fixed leaf A at that end of the table to which said outer slides D² are secured. The slides are guided and supported in their movement in the usual manner by lateral pins on the one
95 set projecting into lateral longitudinal grooves *m* in the other, both the inner and outer set of guides being not only rigidly and firmly secured to the table, but also re-enforced by means of lateral corner-blocks F F. 100

In the particulars thus far described the table differs in its construction from the extension-tables in general use in the manner of securing the slide-bars thereto, which permits the table to be very strongly and firmly made and joined in all its parts.

For the purpose of conveniently storing away the extra folding leaves when the table is to be reduced in length, I construct a receptacle for them under the fixed leaf at one or both ends of the table by securing to the under side of the leaf, and between the slide-bars fixed to said leaf, side pieces G G, (see Fig. 3,) to depend therefrom parallel with the sides of the table and at such a distance from each fixed slide-bar D² as to leave an intervening space within which the remaining slides D D' may pass in under the fixed leaf, the space between the side pieces G G for the receptacle being sufficient to receive the length of the detached leaves E E' when folded. The lower edges of the side pieces G G are united by a front transverse strip II, and lateral strips II' II' are also attached to said lower edges to form ledges parallel therewith. The strips II II' II' form in effect an open frame, serving as the bottom of the receptacle, its rear end being closed by the end piece L of the table and its front left open to admit of putting in and taking out the folded leaves therefrom. The depth of the receptacle is sufficient to permit two folded leaves E E' to be placed therein. When more than two leaves are required, a second receptacle may be formed in like manner under the fixed leaf A' at the opposite end of the table.

If preferred, the bottom of the receptacle for the folded extension-leaves may be closed by a solid piece instead of by the frame formed by the strips II II', and a narrow front strip or cleat M may be secured vertically across the front end of the receptacle close to the bottom thereof, as shown in Figs. 1 and 2, to prevent the leaves from sliding forward out

of it. The weight of the detached extension-leaves when placed in this receptacle is supported wholly by the fixed leaf A and the frame of the table without interference with the movement of the extension-slides D D' D², which are left as free to operate as if the extra leaves were wholly removed from the table, and to close up equally under both leaves without the necessity of a central leg or support therefor.

I claim as my invention—

1. The combination, with an extension-table having detachable folding extension-leaves, of the extension slide-bars rigidly secured to each fixed leaf of the table and a receptacle for said extension-leaves formed or fixed under either fixed leaf, to be wholly supported thereby between and independent of the slide-bars fixed thereto, whereby the movable slides are left free to close in under both fixed leaves without intermediate support and free from the weight of the extension-leaves, substantially in the manner and for the purpose herein set forth.

2. The combination, in an extension-table, of the extension-frame and slides supported upon suitable legs, the fixed top leaves rigidly secured upon and fixed to the underlying slide-bars at each end, the detachable folding leaves, and the receptacle for said leaves depending from the under side of one of the fixed leaves independently of the frame and in position to be embraced between the movable slides when the table is closed, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LUIS OPPENHEIM.

Witnesses:

A. N. JESBERA,
E. M. WATSON.