

F. R. Osgood,

Extension Table,

N^o 51,855

Patented Jan. 2, 1866.

Fig. 1.

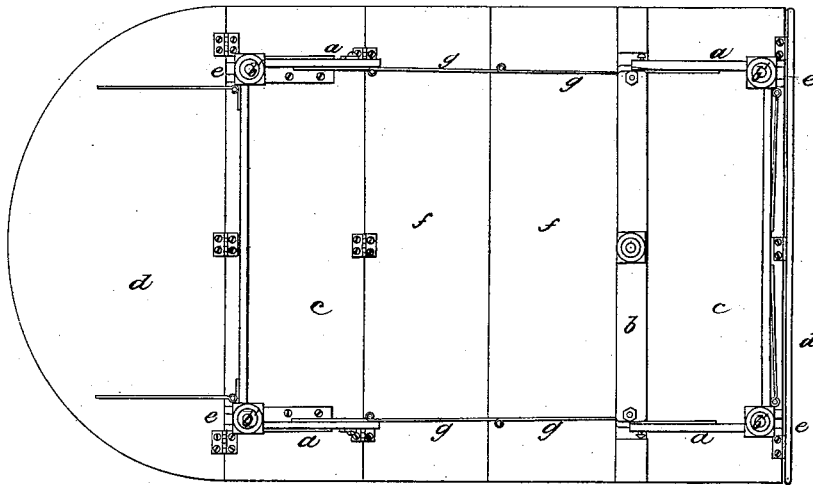


Fig. 2.

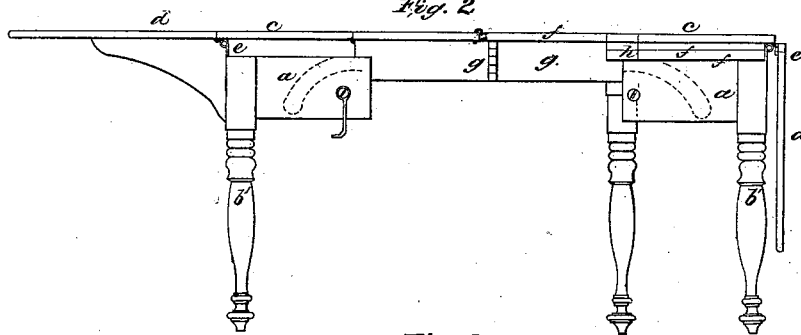
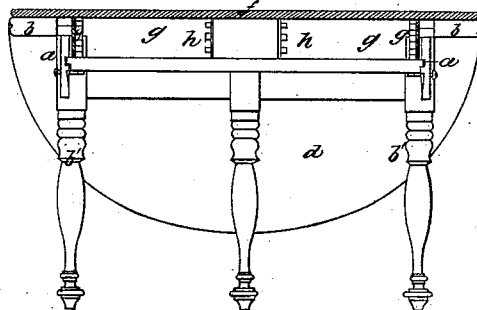


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

F. R. OSGOOD, OF ROXBURY, MASSACHUSETTS.

EXTENSION-TABLE.

Specification forming part of Letters Patent No. 51,855, dated January 2, 1866.

To all whom it may concern:

Be it known that I, F. R. OSGOOD, of Roxbury, in the county of Norfolk and State of Massachusetts, have invented an Improved Extension-Table; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The invention relates to the disposition of the auxiliary leaves by which the surface of an extension-table is enlarged or diminished.

It is well known that in such extension-tables as are in most common use the auxiliary leaves or panels are made detachable from the table-frame, and have to be placed in and removed from the table whenever changes in the extent of table-surfaces are required, and although many constructions have been devised to obviate this objectionable feature, by so combining the auxiliary leaves with the table that they may be brought into and carried from the table-top without removal from the frame, such tables have been found too expensive, too complicated in mechanism, or too fragile for practical use.

The object of my invention has been to obtain a construction in which the auxiliary or supplemental leaves may be folded into the table-frame when not in use, and the table be as simple, firm, and efficient in construction as the common extension-tables with removable leaves.

The invention consists in the employment of auxiliary leaves hinged to and folding up with the main leaves of the table, the main leaves being hinged at such distance above the top of the table-frame as to leave a space between such leaves and the frame, into which the auxiliary leaf or leaves may be folded when not in use; also, in combination with such folding leaves, the employment of supporting and connecting hinges, the upper surfaces of which are above the plane of the top of the frame, to support the supplemental leaves in position when the table is extended; also, in the employment of a center piece or frame provided with pockets, into which the supporting-hinges shut when the table is reduced to its normal size.

The drawings represent a table embodying

the invention, Figure 1 showing a bottom view, and Fig. 2 a side elevation, of it with the extension-leaves opened on one side of the center piece and closed upon the opposite side. Fig. 3 is a cross-section taken on one side of and looking toward the center piece.

a a denote pieces at each end of the table, forming, in connection with the legs, the main frame or support for the table-leaves; *b*, a center frame, forming, with each end frame and connecting-hinges, supports for the auxiliary and main leaves at the opposite ends of the table, when extended. *c c* are the main leaves, making up, with the drop-leaves *d d*, the ordinary table-surface.

Instead of hinging or applying the leaves *c* upon a plane with the top of the frame *a*, in the usual manner, the hinges *e* are so applied to the frame that the main leaf at each end of the table is brought a considerable distance above the frame *a*, as seen particularly in Fig. 2. This leaves a space between the lower surface of each leaf *c* and the top of the frame for the reception of extension-leaves *f*. There are two of these leaves *f*, (shown at each side of the center-piece, *b*), and these two leaves are hinged together, and the outer one to the main leaf *c*. When folded they lie under the main leaf *c*, as seen at the right of Fig. 2, and to unfold the same the main leaf is turned up into an upright position, and the extension-leaves are then turned on their hinges and drawn out from the main leaf, as will be readily understood.

Each end frame *a* is connected with the center frame, *b*, by long extension-hinges or hinged plates *g*, as seen in Fig. 1, and the frame *b* is provided with pockets *h*, into which these hinges close when the table is shut up or is unextended. When either frame *a* is drawn away from the frame *b* these hinges are drawn out from their pockets and the parts of each into line, as seen in Fig. 1, and the upper surface of each hinge is on the plane of the lower surface of the main leaves, as seen in Figs. 2 and 3, so that when the leaves *f* are drawn out and let down upon the hinges *g* they will be supported by said hinges on a level with the main leaves and the upper surface of the center frame, *b*, as seen in Fig. 2. When the leaves are folded and the frames *a* and *b* closed together the supporting-hinges *g* will enter

the pockets, thus allowing the main leaves to come up flush against the center frame.

It will be obvious that only a single folding leaf, *f*, may be used on one or both sides of the center frame, or that three or more may be used instead of two, the space between the main leaf and the top of the frame *a* being made in accordance with the number and thickness of the leaves to be folded therein.

When the leaves are folded all the parts are in a very compact position, and the table has no unsightly or cumbersome appendages, and when extended it forms a very light and firm table, and the parts are brought from one position to the other with ease, and with the very ordinary skill possessed by common domestics.

I claim—

1. In extension - tables having auxiliary

leaves, making or hinging said leaves so as to fold together under a leaf or leaves hinged to the frame of the table when it is closed up, substantially as described.

2. The employment of the connecting and supporting hinges *g*, having surfaces for the support of the auxiliary leaves at a distance above the main frame equal to the thickness of the folded or auxiliary leaves.

3. The pockets *h*, made in the center frame, *b*, for receiving the hinges *g*, substantially as set forth.

In witness whereof I have hereunto set my hand this 22d day of November, A. D. 1865.

FRANKLIN R. OSGOOD.

Witnesses:

J. B. CROSBY,

F. GOULD.