

No. 844,616.

PATENTED FEB. 19, 1907.

G. W. PEEK.  
EXTENSION TABLE.

APPLICATION FILED FEB. 10, 1904. RENEWED SEPT. 29, 1906.

2 SHEETS—SHEET 1.

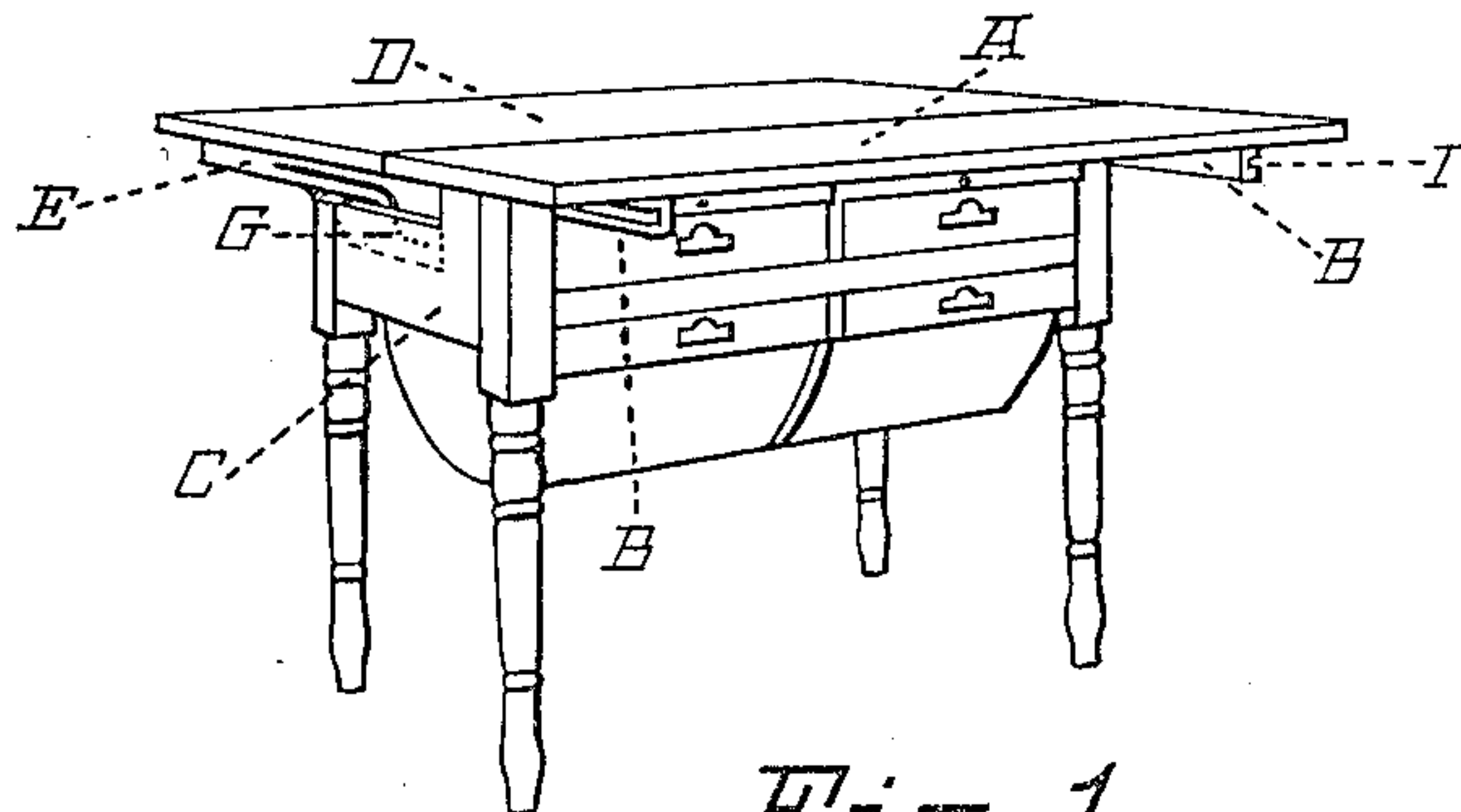


Fig. 1.

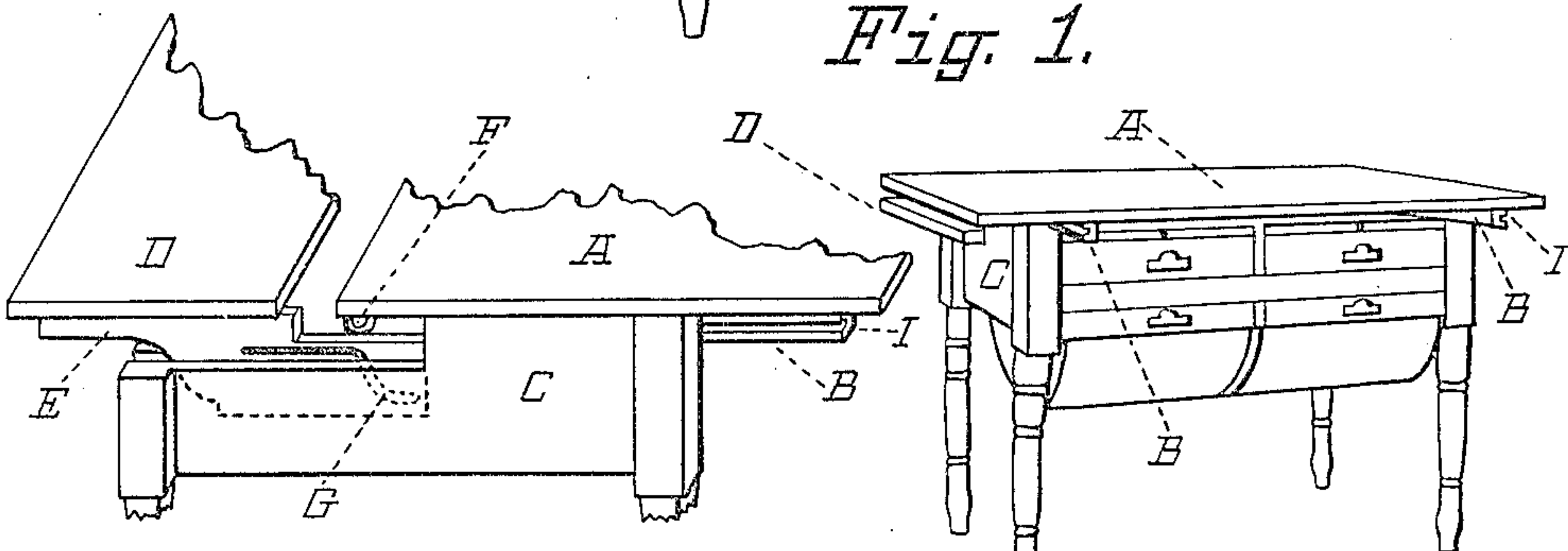


Fig. 2.

Fig. 3.

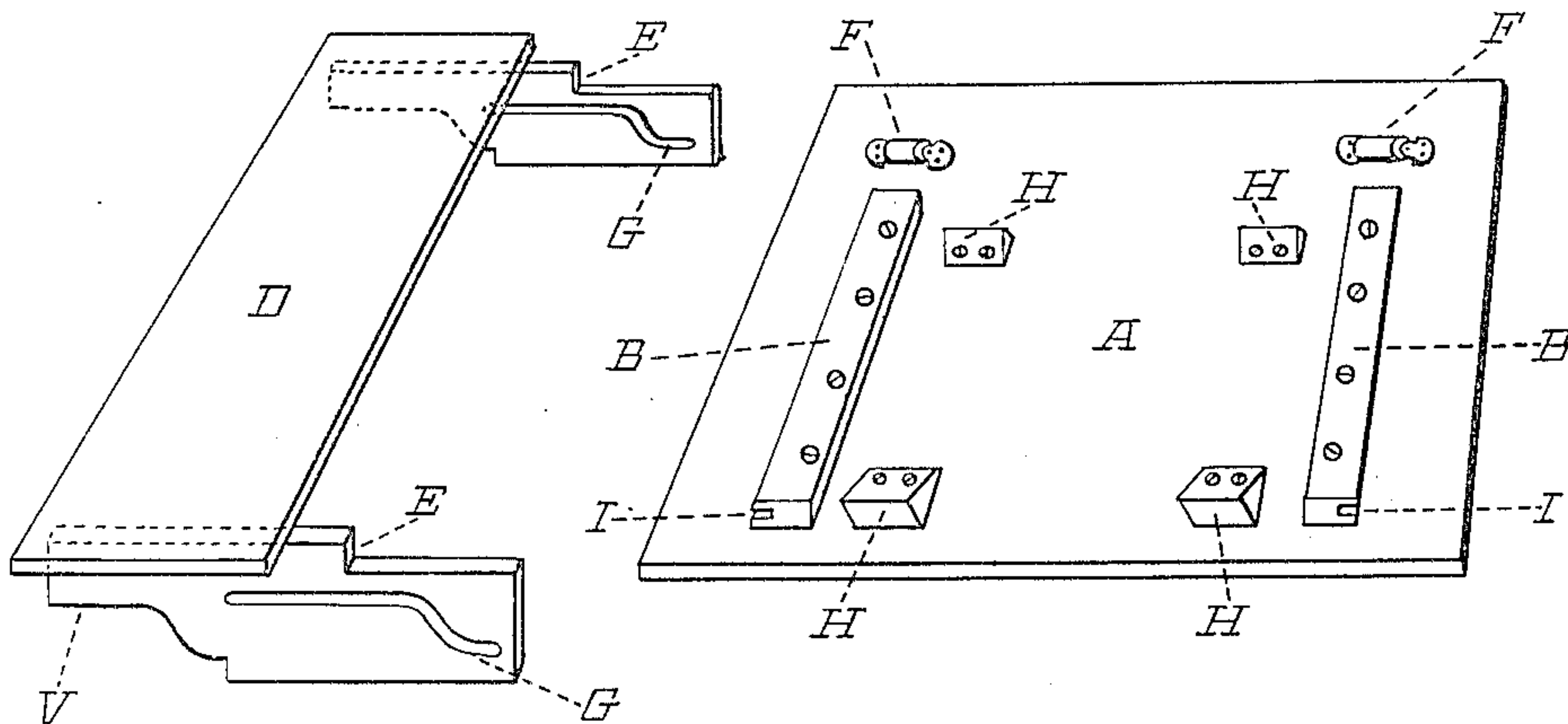


Fig. 4.

Fig. 5.

WITNESSES:

Arrilla G. Peek.  
Maude G. Peek

INVENTOR

George Willis Peek

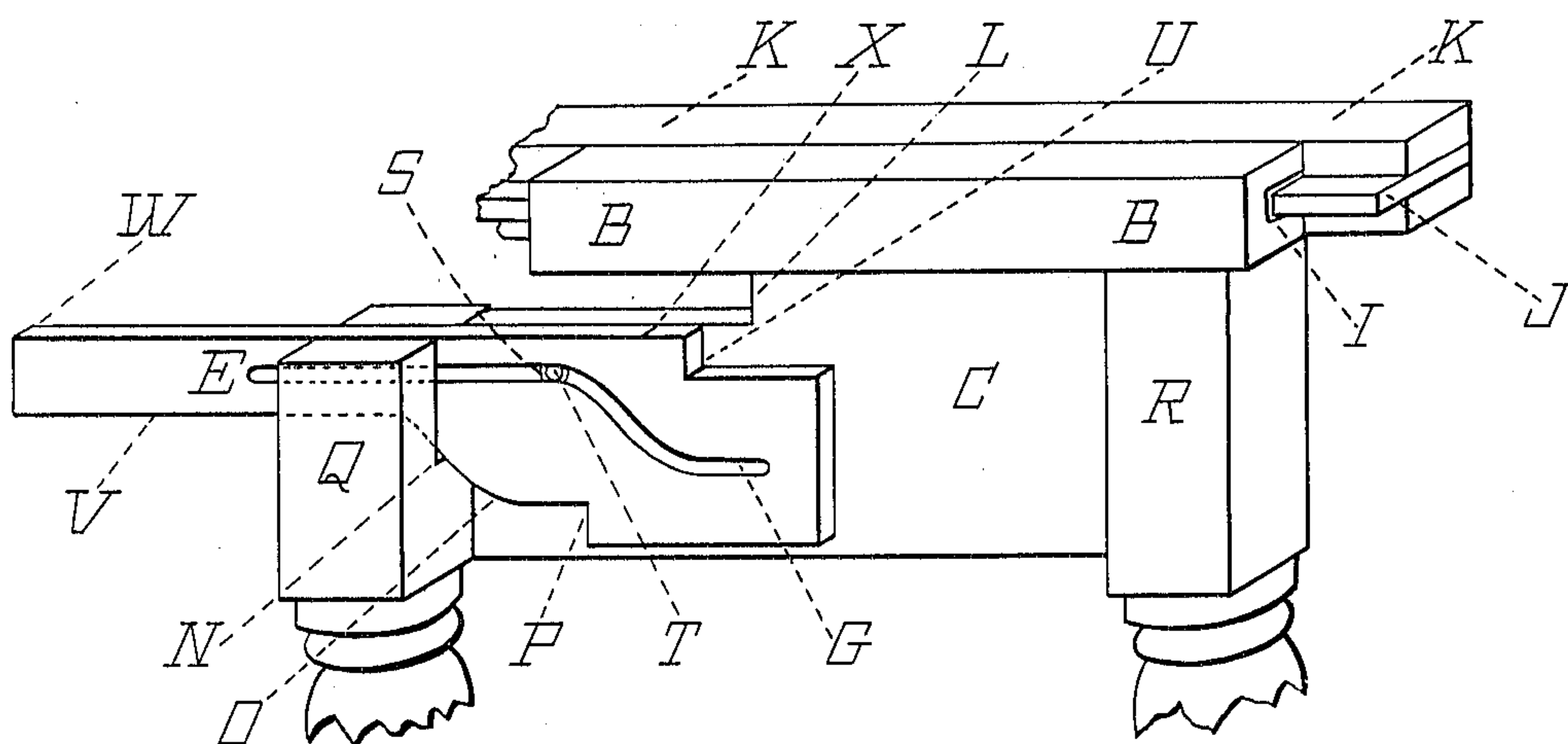
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2 SHEETS—SHEET 2.



*Fig. 6.*

*Arrilla G. Peek*

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Inventor

Witnesses

*Mando G. Peek*



# UNITED STATES PATENT OFFICE.

GEORGE WILLIS PEEK, OF SAN FRANCISCO, CALIFORNIA.

## EXTENSION-TABLE.

No. 844,616.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed February 10, 1904. Renewed September 29, 1906. Serial No. 336,806.

*To all whom it may concern:*

Be it known that I, GEORGE WILLIS PEEK, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented a new and useful Improvement in an Extension-Table, of which the following is a specification.

My invention relates to a table that can be enlarged or diminished without the use of detached leaves.

The principal object of this invention is:

First. To provide a table-top especially adapted for a kitchen-bin table in order that it can be used both as a cabinet and dining-table in one. Heretofore, the ordinary kitchen-compartment table was not suitable for a dining-table. In order to have free and ready access to the flour-bins and drawers, a stationary unprojecting top was used without an extended top. People could not be seated at the table conveniently or in a normal position, while with the use of my improvement they will be relieved of the necessity of sitting in a contorted posture, as the top can be drawn out or contracted to conform to the requirement of the user without weakening its stability.

Second. To provide a device for the proper adjustment of the false top so as to expand or diminish the size of the table without the use of the detached leaves.

Third. To enlarge or diminish the top to a solid-frame table.

I attain these objects by a novel device in the construction and arrangement of parts, as hereinafter set forth, and illustrated in the drawings and claims hereto appended, in which—

Figure 1 is a perspective view of a solid-frame kitchen-cabinet table, showing my new extension-top fully opened. Fig. 2 is a detailed view of the working section, showing the top in the process of being extended. Fig. 3 is a view of the table in its normal position, showing the extension-leaf folded and out of use. Fig. 4 is a view of the bracket-slides detached from the table-frame upon which the leaf is fastened. Fig. 5 is a view of the underside of the main top disconnected. Fig. 6 is a detailed inside sectional view of one end of the table-frame, showing the slides in position, partly extended, upon which the top and leaf are to be attached.

In the drawings like parts appearing in the several illustrations are designated by the same reference-notations.

A suitable supporting-frame is provided of such length and breadth as will suit the dimensions of the top.

In the drawings, parts C designate the end and side frame-rails, parts R the front, and parts Q the back supporting-legs. In the present construction parts R are attached to the ends of the higher portion of end frame-rails C, then to the ends of the longitudinal front rail C. Parts Q are secured to the ends of the lower portion of the frame-rails C. Thus a rectangular frame is constructed having the front portion extending above the other.

The table-top, part A, is of corresponding length and breadth to the dimensions with the frame and is attached to the top of the elevated portion of the table-frame C by means of tongue-and-grooved transverse guide-bars B and K. Parts B are grooved strips secured to the under surface and near the ends of part A, as shown in Fig. 5. The tongue-grooved track parts K are attached to the top of the higher portion of end frame-rails C and to the top of legs R, the tongue-grooves J extending inward in order to unite with grooves I. Thus they are fitted to slide, whereby top A can be drawn outward horizontally over the lower portion of said frame.

The extent of the sliding movement of top A is controlled by stops H, as shown in Fig. 5. They are so arranged and attached to the under surface of part A as to come in contact with the inner side of front side rail C when part A has been extended to the required position, as shown in Figs. 1 and 2, then again to come in contact with the front side of said frame-rail when part A has been replaced to its normal position, as shown in Fig. 3.

The part D is equal in linear dimensions and thickness as to part A and of a sufficient width to cover the lower portion of the table-frame and is mounted to slide over the top of the lower portion of frame and then to rise to a level with part A, as shown in Fig. 2.

Antifriction-rollers F are secured to the under surface of part A near the edge thereof, as shown in the drawings, and are adapted to roll over the upper surface of leaf D when the same is in its lower position in order to support part A when said top is being extended.

Parts E are transverse bracket-slides and are counterpart of each other. They are secured at their upper edges to the under sur-



face, and near the ends of leaf D, as shown in Fig. 4, they are so constructed as to have, first, a straight or parallel bearing edge V of about two-thirds of the width with part D, then an incline or cam-bearing edge O of a sufficient depth to carry leaf D upward in order to meet flush with top A.

Parts E are connected to the inner side of end frame-rails C by means of lag-screws T, extending through guide-grooves G. These grooves are placed parallel with and are of like contour with the bearing edges of said slides. Thus a level position to part D is maintained.

Slots N are formed in the upper ends of legs Q and in line with the inner side end frame-rails C, as shown in Fig. 6. Parts E are fitted to slide loosely into said slots and to bear against the inner corner edge of slot N while they are in their lifting movement, or until stops P come in contact with parts Q.

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

1. In an extension-table, a frame having side and end rails and supporting means; one portion of said frame, including a side rail extending higher than the other side rail and portion of the frame; a top of size to form a complete cover for the frame, slidably mounted on said higher portion of the frame, to move from a position over said lower portion to a position at one side of the same; a leaf, of size to cover the lower portions of the frame, mounted on said lower portion to slide in an opposite direction from the top; and means whereby said leaf, when pulled out, rises to a level with said top and forms an extension of the same, substantially as described.

2. In an extension-table, a frame having side and end rails, and suitable supports therefor; one portion of said frame extending higher than the other portion of said frame; a top, of size to form a complete cover for the frame, slidably mounted on said higher portion of the frame, to move from a position over said lower portion to a position at one side of the same; a leaf, of approximately equal length with the top, mounted on said lower portion to slide away from said higher frame portion; and means whereby said leaf, when pulled out, rises to a level with said top and forms an extension of the same; and friction-rollers attached to the under surface of said top near the edge thereof which lies next to the lower frame portion, and adapted to roll over the upper surface of said leaf, when the same is in its lowered position, to support said top when moved to a position above said lower frame portion, substantially as described.

3. In an extension-table, a frame having side and end rails, and supporting means; one portion of said frame, including a side rail, extending higher than the other portion of the frame and side rail; a top, of size to form a complete cover for the frame; transverse guide-bars, fixed to the higher portion of the frame at the ends; guide-bars, fixed to the under surface of said top, and having tongue-and-groove connection with said first-named guide-bars, whereby said top is adapted to slide from a position over said lower frame portion to a position at one side of the same; stops fixed to the under surface of said top in position to contact with said higher side bar to limit the movement of the top; a leaf, of approximately the same length as said top, but of width corresponding to the width of the lower portion of said frame, mounted on said lower portion to slide in an opposite direction from the top; and means whereby said leaf, when pulled out, rises to a level with said top, and forms an extension of the same, substantially as described.

4. In an extension-table, a rectangular frame, having side and end rails, and supporting-legs at the corners thereof; one portion of said frame, including a side rail, extending higher than the other side rail and portion of the frame; a top, of size to form a complete cover for the frame, slidably mounted on said higher portion of the frame, to move from a position over said lower portion to a position at one side of the same; a leaf, of size to cover the lower portion of the frame; transverse brackets fixed to the lower surface of the leaf at each end; each of said brackets having a portion of its lower edge formed with an inclined or cam surface, ending in a stop, and having a guide-groove formed in the side thereof, parallel, and of like contour with said edge; slots formed in the upper ends of the legs, forming a part of said lower frame portion, in which said brackets fit loosely, and with the lower edges of which, the lower edges of said brackets are in sliding contact; projections fixed to the inner side of the end rails, and extending into said guide-grooves, whereby said leaf is at all times attached to the table; but when pulled out rises to a level with said top and forms an extension of the same, substantially as described.

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

GEORGE WILLIS PEEK.

Witnesses:

ORRILLA G. PEEK,  
MAUDE G. PEEK.