No. 834,171. PATENTED OCT. 23, 1906.

W. C. STEERS.

COMBINATION KITCHEN TABLE.

APPLICATION FILED JULY 30, 1903.

2 SHEETS—SHEET 1.

Fig. 1.

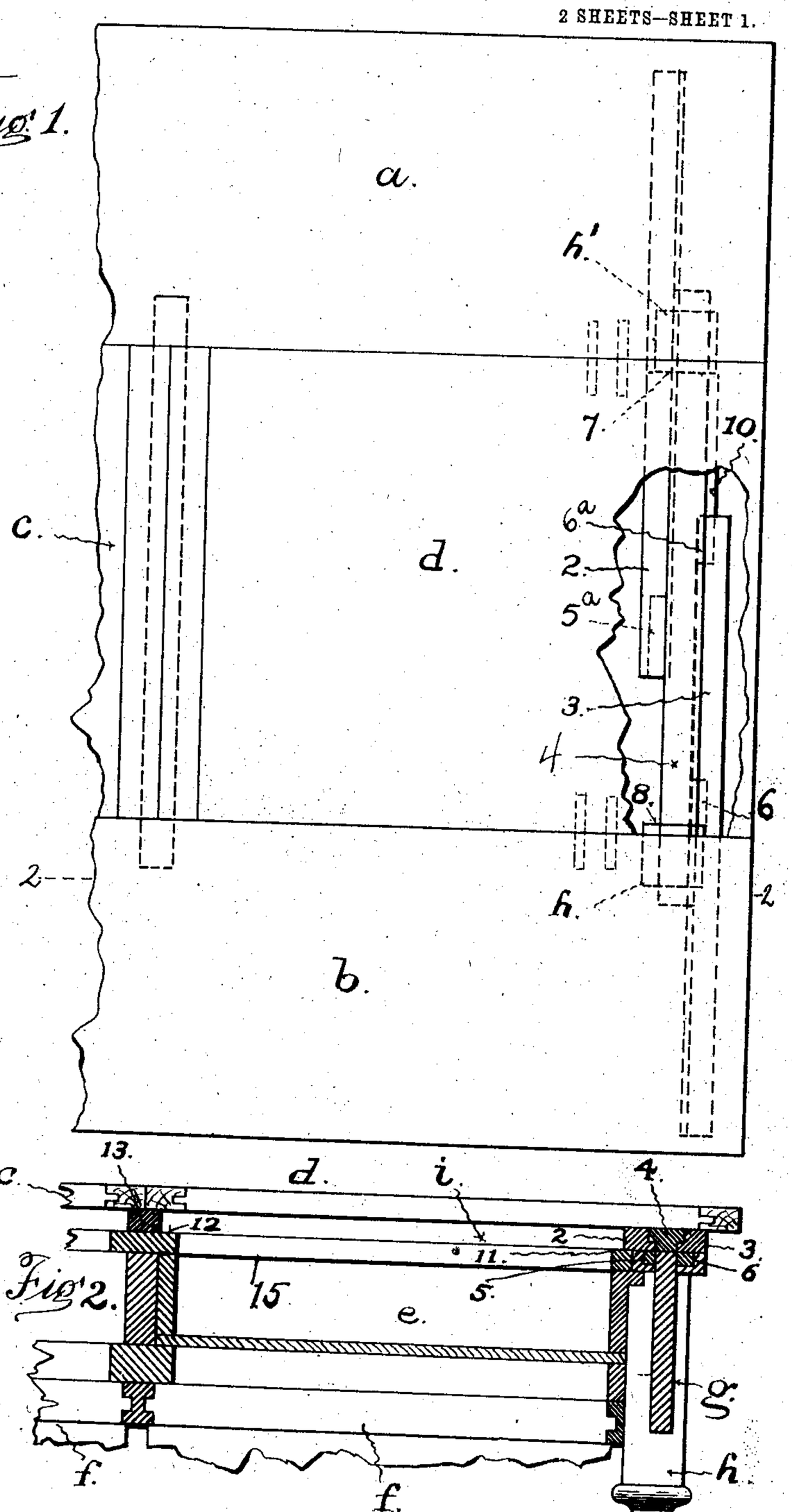


Fig. 2.

Witnesses.
Arthur L. Slee.
M. Regner

Inventor.
Wilhelm C. Steers
By G. G. Osborn Atty.

No. 834,171. PATENTED OCT. 23, 1906.

W. C. STEERS.

COMBINATION KITCHEN TABLE.

APPLICATION FILED JULY 30, 1903.

2 SHEETS—SHEET 2.

Fig. 3.

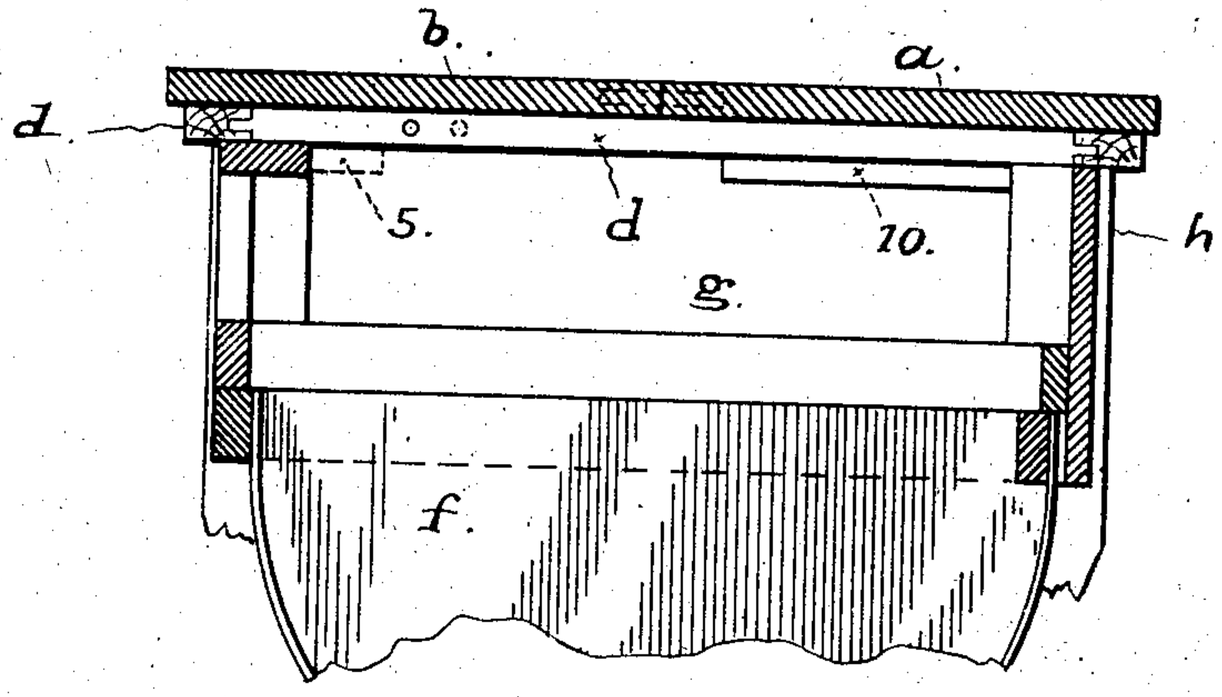
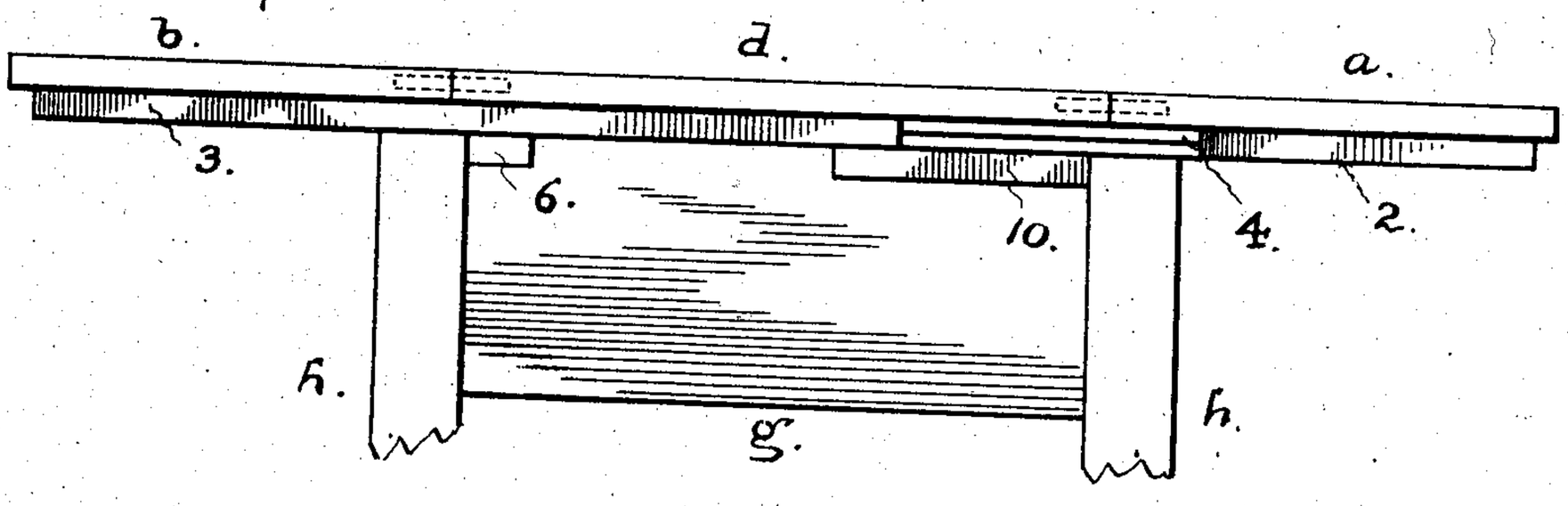


Fig. 4.



Witnesses.
Arthur L. Slee.
M. Regnier.

Inventor.
Wilhelm C. Steers
By E. G. Osborn
Atty.

UNITED STATES PATENT OFFICE.

WILHELM C. STEERS, OF SAN FRANCISCO, CALIFORNIA.

COMBINATION KITCHEN-TABLE.

No. 834,171. Specification of Letters Patent. Patented Oct. 23, 1906.

Application filed July 30, 1903. Serial No. 167,537.

To all whom it may concern:

Be it known that I, WILHELM C. STEERS, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Combination Kitchen-Tables, of which the following is a specification.

This invention relates to extension-tables intended more particularly for kitchen use; and the invention has for its object chiefly to provide an article of furniture convertible by ready adjustment of its parts into a pastry-table or an extension-table having a larger or smaller extent of table-surface for other work.

To this end and object my invention comprises certain novel construction and combination of parts, as hereinafter described, and pointed out in the claims at the end of this specification.

The accompanying drawings illustrate the manner in which I apply and combine my said improvements in the construction of a kitchen-table provided with drawers and bins to contain flour and other articles and substances required for use.

Figure 1 is a plan or top view of the table, showing the table-top extended, the table-top being broken off on one side of a transverse central line and the removable center board broken away directly over the slides and stops. Fig. 2 is a longitudinal sectional view on the line 2 2, Fig. 1. Fig. 3 is a transverse sectional view taken through the table-top and the drawers and bins, showing the top closed and contracted to its smallest dimensions. Fig. 4 is an end view of the table-top, showing the same extended to its greatest dimensions.

The novel features of this construction consist of the divided top formed of two slidable sections *a b*, the means for supporting and guiding them, and a removable middle section composed of two boards or panels *c d*, each corresponding in width to the opening between the sliding sections when the latter are separated to their greatest extent of movement and in length equal to one-half the longitudinal dimension of the opening, or of such length that the two center boards *c d* when laid in place between the extended top section will close the opening and form with them a continuous surface lengthwise and breadthwise of the table-top.

Space directly beneath the attached and slidable sections is provided for the removable sections *c d*, in which they are fitted to slide in and out from the front side of the table above the drawers *e* and bins *f*, and in this space the two boards *c d* are stowed away when not used to complete the table-top and are adapted to slide in and out when they are used as pastry-boards. These removable sections have the function of extension-leaves to close the opening between the drawn-out sections of the table-top when used in one position and of pastry-boards when the extensible sections are closed over the top.

The construction of the slides that support and guide the extensible sections is specially designed to furnish strong and rigid supports to sustain the sections and the weight they are required to bear when they are drawn out and guides to keep them in line at both ends and at the same time to give room or space for the removable boards *c d* between the table-top and the drawers.

The slide-bars 2 3 at the same end of the table are fastened to the under side of the sections *a b* and are fitted one against the inside and the other on the outside of the fixed top rail 4, that extends along the end panel *g* of the frame between the legs *h h'*.

The slide-bars 2 3, moving on the top rail, pass each other from opposite directions and are confined and guided by tongue-and-groove faces that prevent the sections *a b* from being raised and the slide-bars from leaving their guides, while they are free to move in and out as the sections are closed or opened.

The bars 2 3 are fitted to slide on guides 5 6, fixed to the inside and outside faces of the end panel *g*, and the posts *h h'* of the legs are grooved or cut away on the top end directly under the slidable sections *a b*. This construction allows the slide-bars to fit closely against the end of the frame, particularly on the side next to the drawer *e*. It also permits the use of a bar sufficiently long to give a steady support to a wide leaf. The movements of the sections in opening and in closing are limited by stop-blocks on the slide-bars.

The stop 5^a on the bar 2 prevents the section *a* from being drawn out beyond its proper place by coming in contact with the posts *h h'* at the point 7, and the movement of the section when pushed back to place is arrested by a second stop 8.

The slide-bar 3 is limited in its movements in the same manner by a stop-block 6^a, which by contact with the post of the table-leg when the section *b* is drawn out prevents further movement, or when the section is pushed back to place the slide is arrested by the stop striking the end of the fixed guide 6. When each leaf is drawn out to its fullest extent, one-half, at least, of the length of its slide-bar is lying within the guides to furnish a strong steady support for the extended leaf.

The boards *c d* correspond in width to the space between the slidable sections when the latter are drawn out, and the two boards are of proper length also when placed end to end to exactly fit the opening lengthwise.

The space *i* between the drawers and the leaves *a b* above receives the two boards *c d* when the slidable sections are closed together, and in that position the boards are accessible from the front and can be partly drawn out for use the same as the ordinary pastry-board. Both sides of the boards are finished for use, and while one side is used for molding and kneading or for cutting-boards the other side remains smooth and clean to form a part of the table-surface when the board is turned and placed in position between the slidable sections.

The upper horizontal table-frame 15 is constructed, as shown in Fig. 2, to provide the ledges 11 12 for the boards *c d* to slide on, and a parting-strip 13 separates the space *i* transversely into two divisions equal in width to the boards, so that the latter will slide smoothly between the strip 13 and the slide-bar 5.

The strip 13 is arranged centrally of the table and transversely of the space formed by the separation of the two sliding sections, and it serves as the support upon which the inner adjacent edges of the removable sections *c d* rest. This intermediate strip 13 and the slide-bars 2 extend upward above the table-frame 15 and above the ledges 11 12 and are so disposed that when the removable boards *c d* are inserted between the slidable sections *a b* the boards rest upon and are supported by the said parts. When the slidable sections are brought together, the boards *c d* being removed, the sections *a b* lie above the strip 13 and the slide-bars 2, leaving the spaces *i* between the table-frame 15 and the slidable sections, such spaces being open at the sides and each of a proper size to receive one of the removable boards *c d*. The boards can thus be stored away without in any wise interfering with the drawers *e* or necessitating any complicated construction of the table or the introduction into the table of any part or parts that are not at all times utilized, for it will be seen that the parts designated 2 and 13 are utilized when the table is extended and the intermediate boards are in place as supports for the latter, and when the table is closed these parts operate to constitute, in part, the spaces *i*, in which may be inserted the removable intermediate boards.

Both the slidable sections of the top and the removable boards are provided with interlocking dowels and holes or sockets so arranged that all the slidable sections and the boards contain only the holes or sockets to receive the dowels, thus leaving both edges of the boards along the sides without projections, so as to fit closely in the space *i*, in which they rest when not used to increase the size of the table-surface.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a table, the combination of the legs, the table-frame 15 supported thereby, the slidable top-sections *a b* each provided with slide-bars arranged above the table-frame, the centrally-disposed strip 13 also arranged above the table-frame and supported thereby, and the removable top-sections arranged to be inserted in the space formed by the separation of the slidable top-sections, the slide-bars, the centrally-disposed strip 13 and the table-frame constituting compartments that are covered by the slidable top-sections when they are closed together, and such compartments being open-ended and adapted to receive the removable top-sections when they are not in use, substantially as set forth.

2. In a table, the combination of the legs, the table-frame 15 supported thereby, the storage-receptacles arranged below the table-frame, the slidable sections *a b* each provided with slide-bars arranged above the table-frame and movable relative thereto, the centrally-disposed strip 13 also arranged above the table-frame and supported thereby, and the removable top-sections arranged to be inserted in the space formed by the separation of the slidable top-sections, the slide-bars, the centrally-disposed strip 13 and the table-frame constituting compartments, that are covered by the slidable top-sections when they are closed together and are disposed above the storage-receptacles, and such compartments being open-ended and adapted to receive the removable top-sections when they are not in use, substantially as set forth.

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

WILHELM C. STEERS.

Witnesses:

M. REGNER,

EDWARD E. OSBORN.