

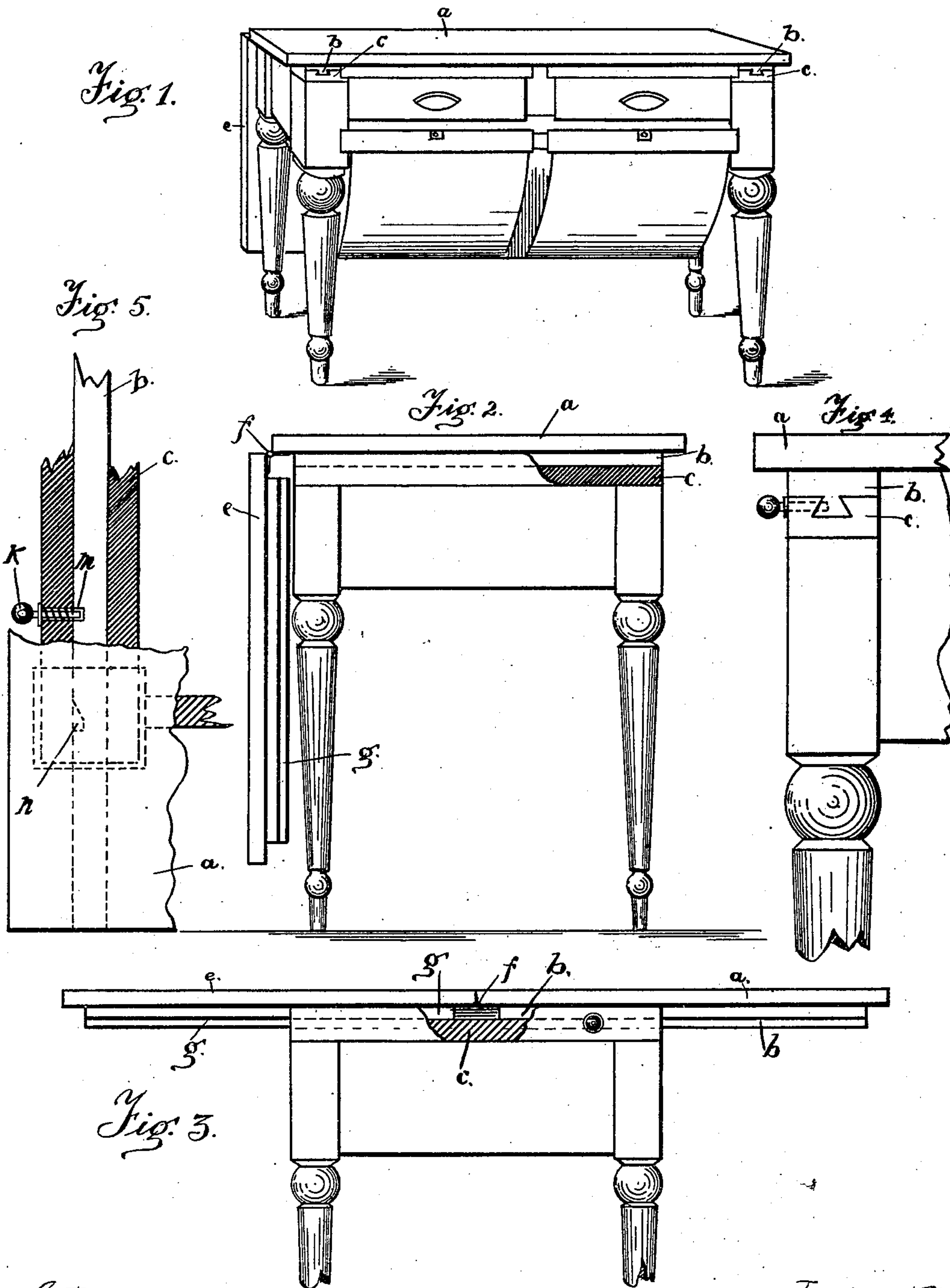
No. 689,407.

Patented Dec. 24, 1901.

W. C. ORGAN.
EXTENSION TOP KITCHEN TABLE.

(Application filed July 22, 1901.)

(No Model.)



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM C. ORGAN, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO H. J. MOORE.

EXTENSION-TOP KITCHEN-TABLE.

SPECIFICATION forming part of Letters Patent No. 689,407, dated December 24, 1901.

Application filed July 22, 1901. Serial No. 69,242. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. ORGAN, a citizen of the United States, and a resident of the city and county of San Francisco, in the State of California, have invented a new and useful Extension-Top Kitchen-Table, of which the following is a specification.

This invention relates to an improved construction of extension-top for that class or description of table for household use which is furnished with bins or compartments to contain flour in addition to the usual drawers to hold various utensils and articles.

The invention has for its object, mainly, to provide tables of that class with an extensible top that will give when desired a considerable increase in area of table-surface and when not in use it will not shut off or prevent ready access to the drawers and compartments of the table.

To such end and object my invention consists in certain novel parts and combination of parts, as hereinafter described, and set forth in the claims at the end of this specification, reference being had therein to the accompanying drawings, forming part thereof.

In the drawings, Figure 1 is a perspective view of a kitchen-table embodying my invention. Fig. 2 is an end elevation with the extension-top folded and out of use. Fig. 3 is a similar view showing the top extended. Figs. 4 and 5 are detail views on a large scale.

In carrying out and applying my invention the table-top *a*, corresponding in length and breadth to the dimensions of the table, is attached to the table-frame *w* by means of dovetailed strips *b* on the top, and the table-frame grooved bars *c*, in which the strips *b* are fitted to slide.

In the present construction the parts *b* are dovetailed strips secured to the under side of the board *a*, while the other parts *c* are grooved rails fastened in position across the ends of the table upon the corner-posts, so that the top, while being confined against vertical movement, is capable of sliding horizontally from over the top of the frame in one direction for a distance about equal to one-half the width of the top, or thereabout. The parts *b c* can be reversed as to the position above described, in which case the strips *b*

will be stationary on the table-frame, while the grooved bars *c* will be secured to the movable top *a*.

On the back edge of the slidable top a board *e*, equal in linear dimensions to the top *a*, is attached by hinges *ff* to the last-mentioned part, and on its underside are fastened strips *g*, similar to the parts *b* and of proper size to fit and work in the grooved rails *c*.

The part *e* when not in use hangs perpendicularly down at the back of the table, and being permanently attached to the top *a* it necessarily follows the movements of the latter part, so that when the top *a* is drawn forward the attached leaf or part *e* will be raised to a horizontal position, whereby the dovetailed strips *g* will be drawn into and caused to interlock with the grooved rails *c*.

When the top and the attached part are brought in line and position in this manner, one-half of each board will rest on the frame and support the weight of the overhanging half, thus maintaining both parts of the top in an extended position and in the same horizontal plane without props or additional supports of any kind.

The extent of the sliding movement of the top when it is drawn forward is controlled by an automatic stop *k*, accessible from the outside and taking through the side of the grooved bar *c* in a slot or notch *m* in the strip *b*. The inner end of this stop is held against the side of the movable strip *b* by a coiled spring, which throws it automatically into action as soon as the notch *m* is brought in line with it. This stop determines the extent of movement of the table-top and also prevents it from sliding or being forced back by a person accidentally bearing against the front edge of the top. A similar notch *n* controls the backward movement of the top *a* when it is returned to place to reduce the table-surface to its normal size.

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

1. In an extension-top table, the combination of a body comprising a frame and supporting-legs, a slidable top permanently attached to the frame by parallel dovetailed strips on the one end and dovetail grooves on

the other part, the said top having limited sliding movement widthwise of the frame, a drop-section hinged to the slidable top on one side and having dovetail strips on the under
5 side adapted to be brought in line for engagement with the dovetails on the table-frame when the drop-section is raised to a horizontal position, and means for limiting the longitudinal movement of the slidable top on the
10 frame.

2. In an extension-top table the combination, of a supporting-frame having parallel grooves across the top widthwise of the frame, and a top composed of two sections permanently attached together by hinges, dovetail
15 strips on the under side of said sections, one of said sections being permanently attached by its dovetail strips to the frame, but having limited sliding movement therein, and
20 the other section capable of being attached to and detached from the frame by the dove-

tail strips engaging and disengaging the grooves on the frame, and a stop adapted to limit the longitudinal movement.

3. The combination of a table-frame, a slid- 25
able top thereon, connecting dovetail strips and grooves on the frame and the slidable top, connecting the latter to the frame while allowing transverse movement thereon, an extension-leaf hinged to the table-top and
30 movable therewith when raised to a horizontal position, dovetail strips on said extension-leaf adapted to detachably engage the grooves on the table-frame, and a stop operating to
35 limit the longitudinal movement of the top.

In witness whereof I have signed my name in the presence of two subscribing witnesses.

WILLIAM C. ORGAN.

Witnesses:

EDWARD E. OSBORN,
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