No. 822,901. PATENTED JUNE 5, 1906.

T. M. McKEE.

EXTENSION TABLE.

APPLICATION FILED MAY 4, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

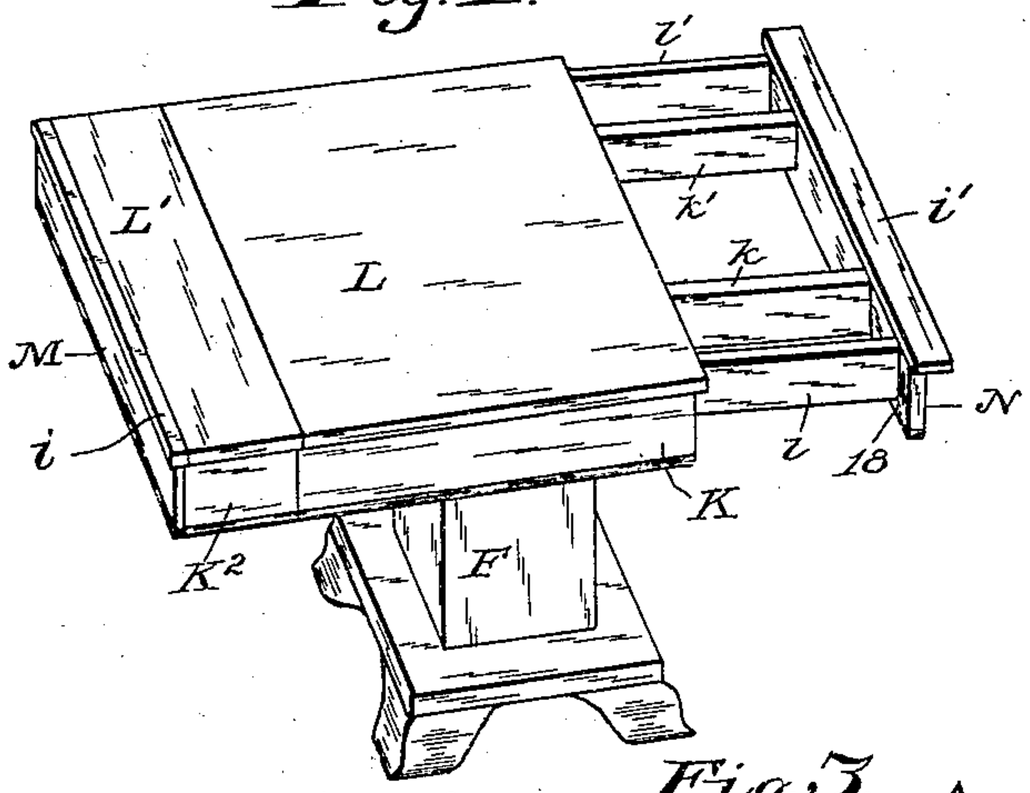


Fig. 2.

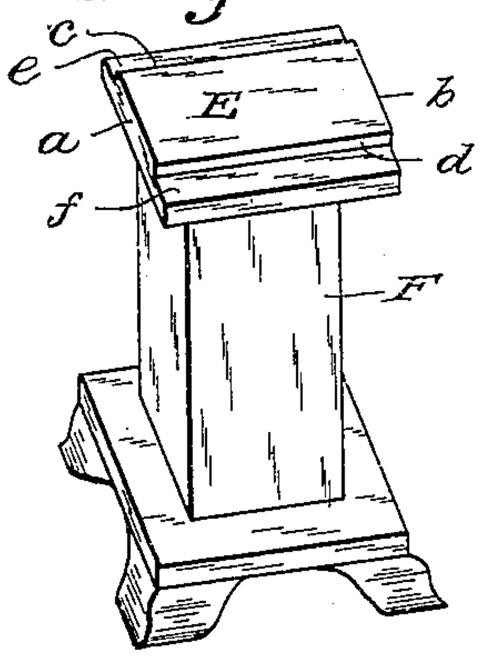


Fig. 3.

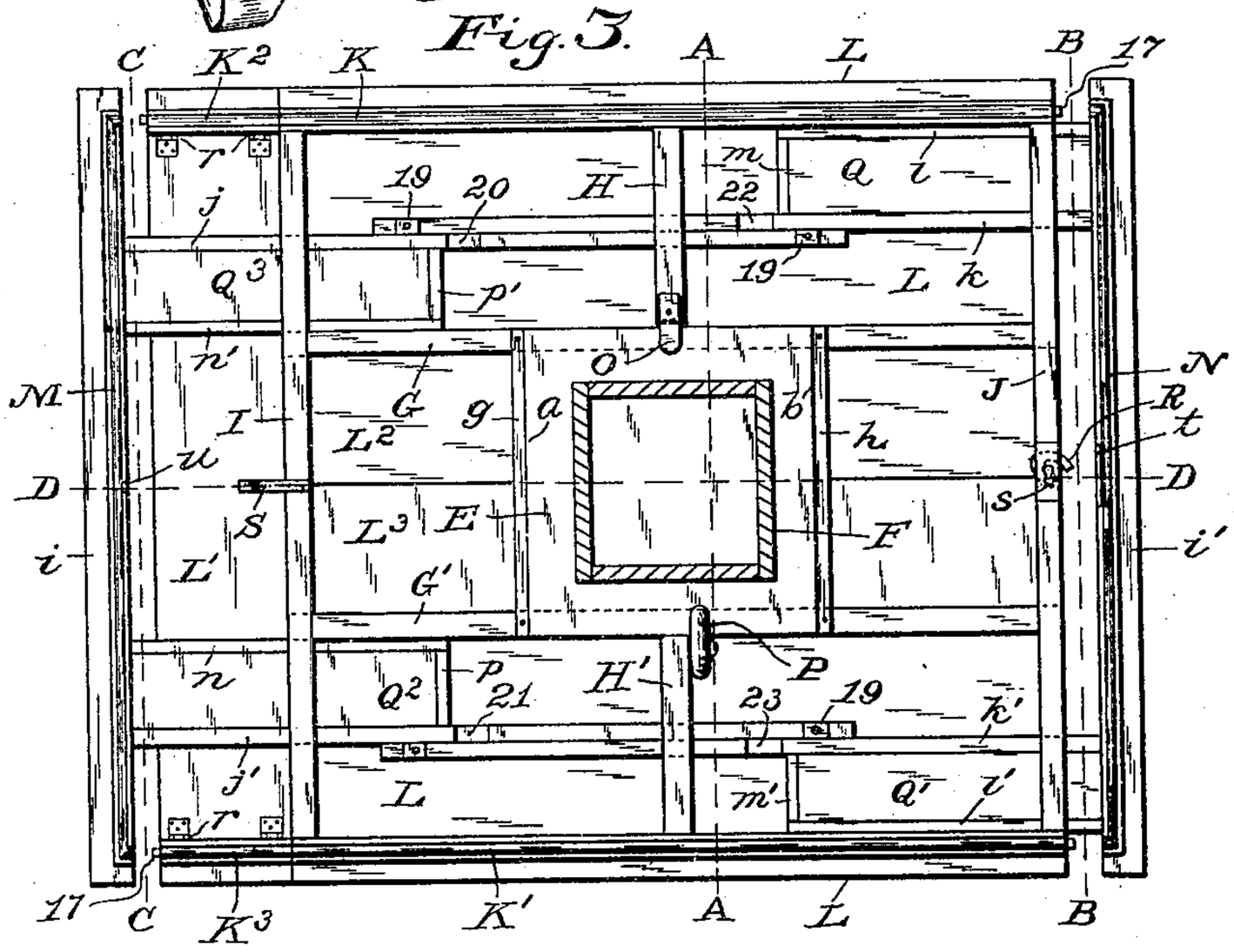


Fig. 4.

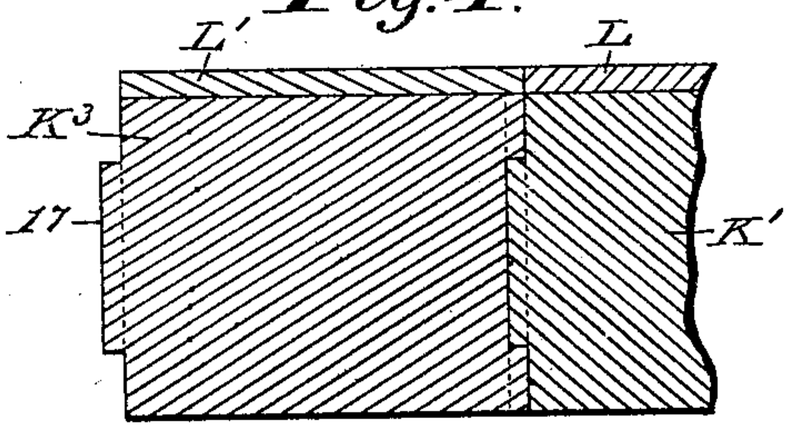
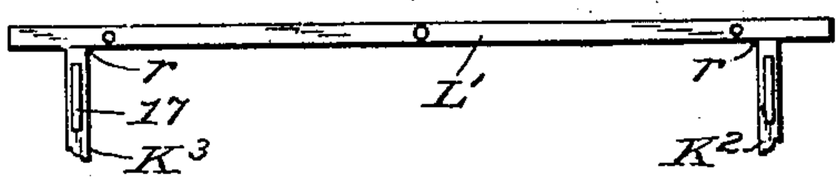


Fig. 5.



Witnesses:

E. R. Martin.

Stella Snider

Inventor:

Thomas M. McKee,

by E. T. Silvius,

Attorney.

No. 822,901 PATENTED JUNE 5, 1906.

T. M. McKEE.

EXTENSION TABLE.

APPLICATION FILED MAY 4, 1905.

2 SHEETS—SHEET 2.

Fig. 6.

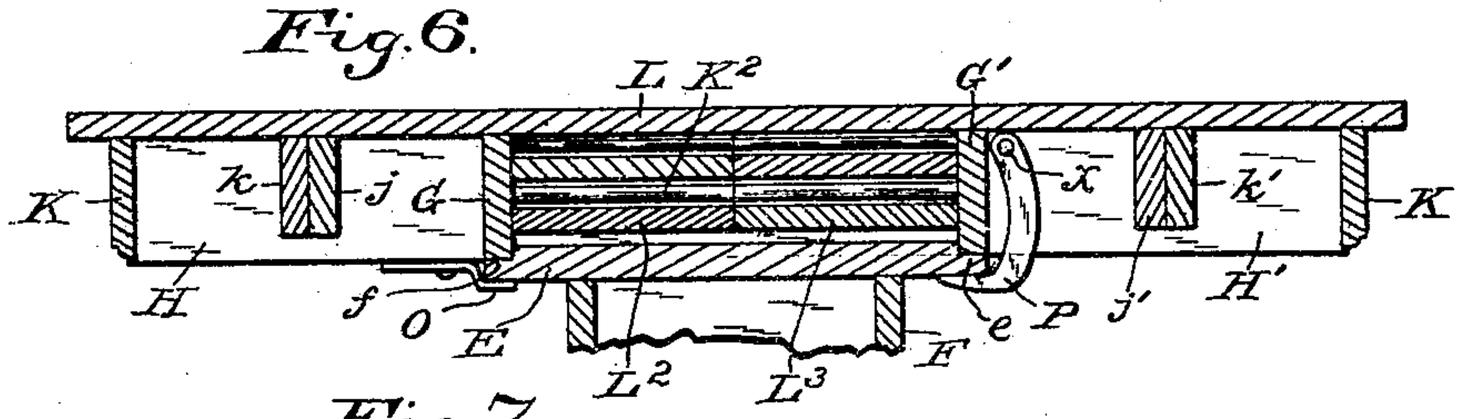


Fig. 7.

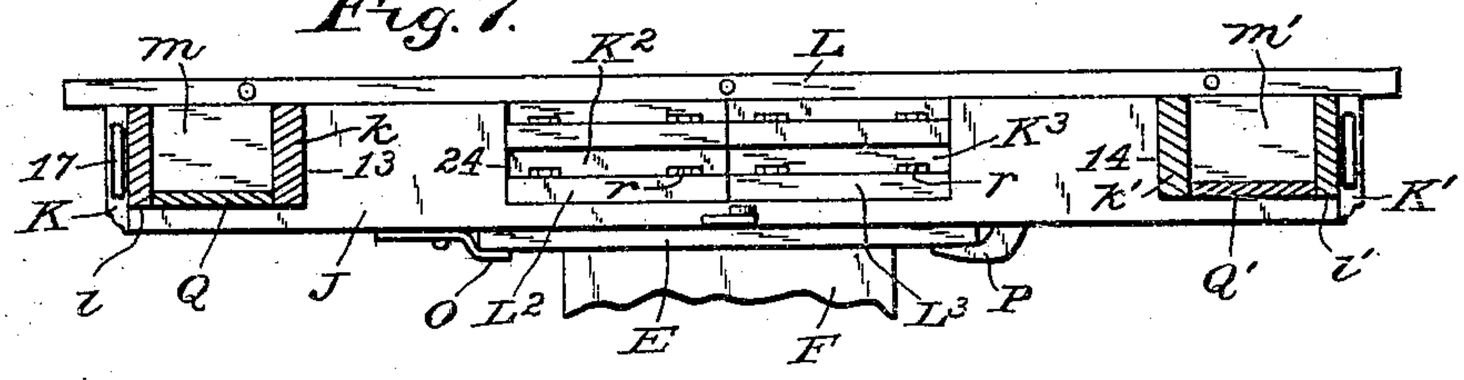


Fig. 8.

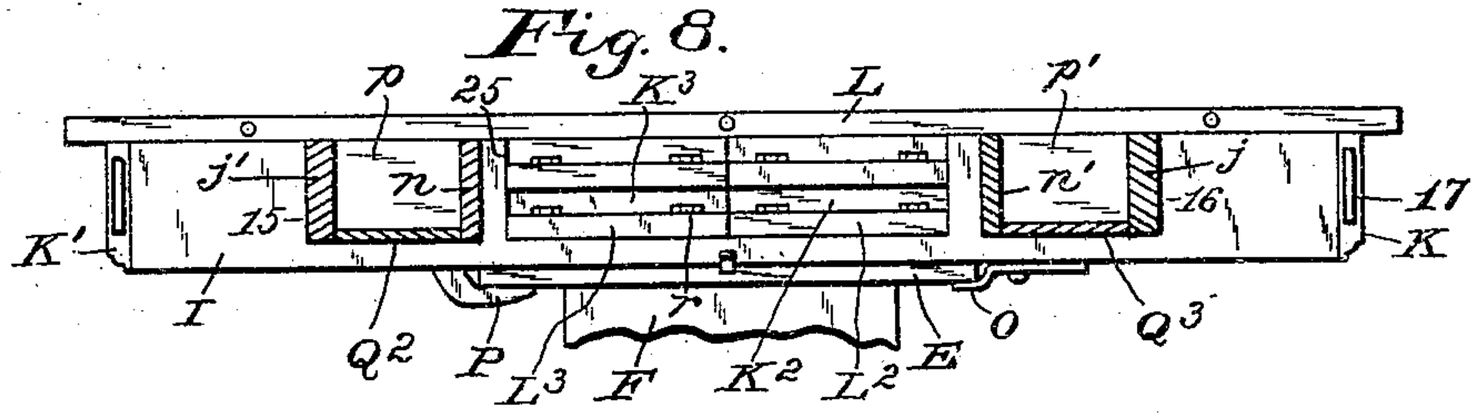


Fig. 9.

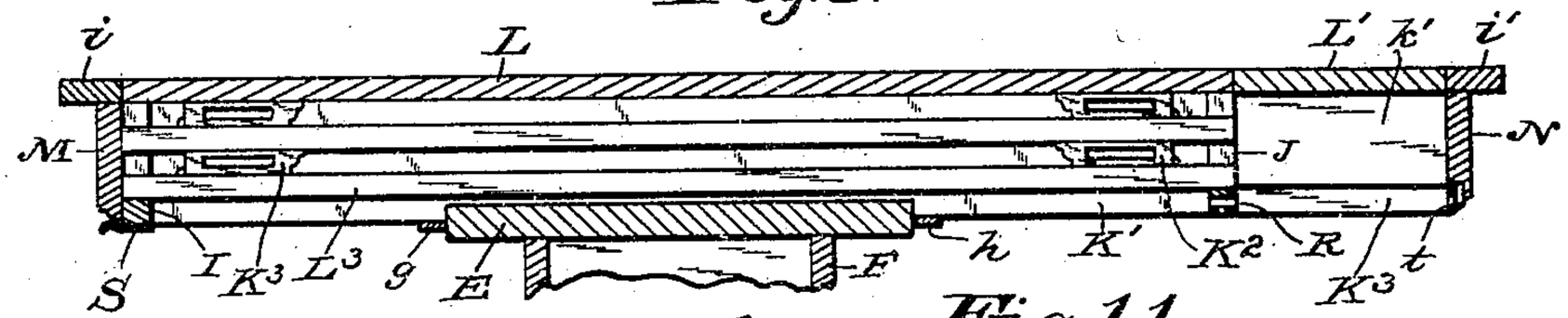


Fig. 11.

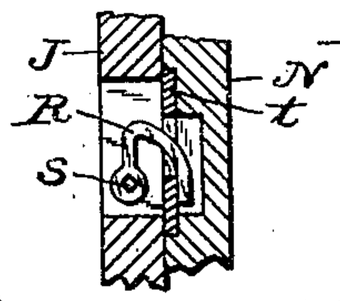


Fig. 12.

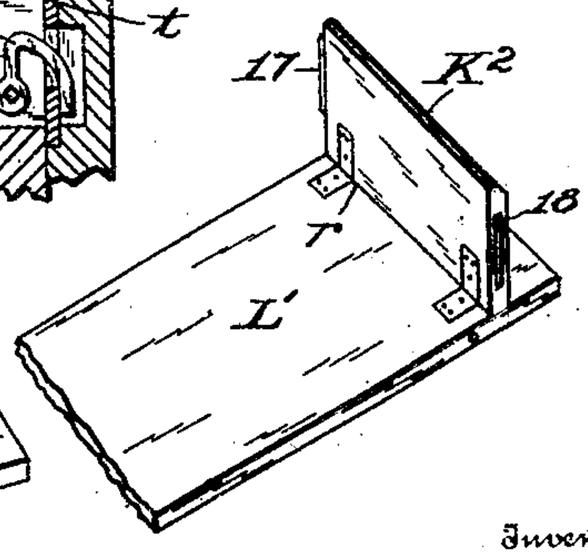
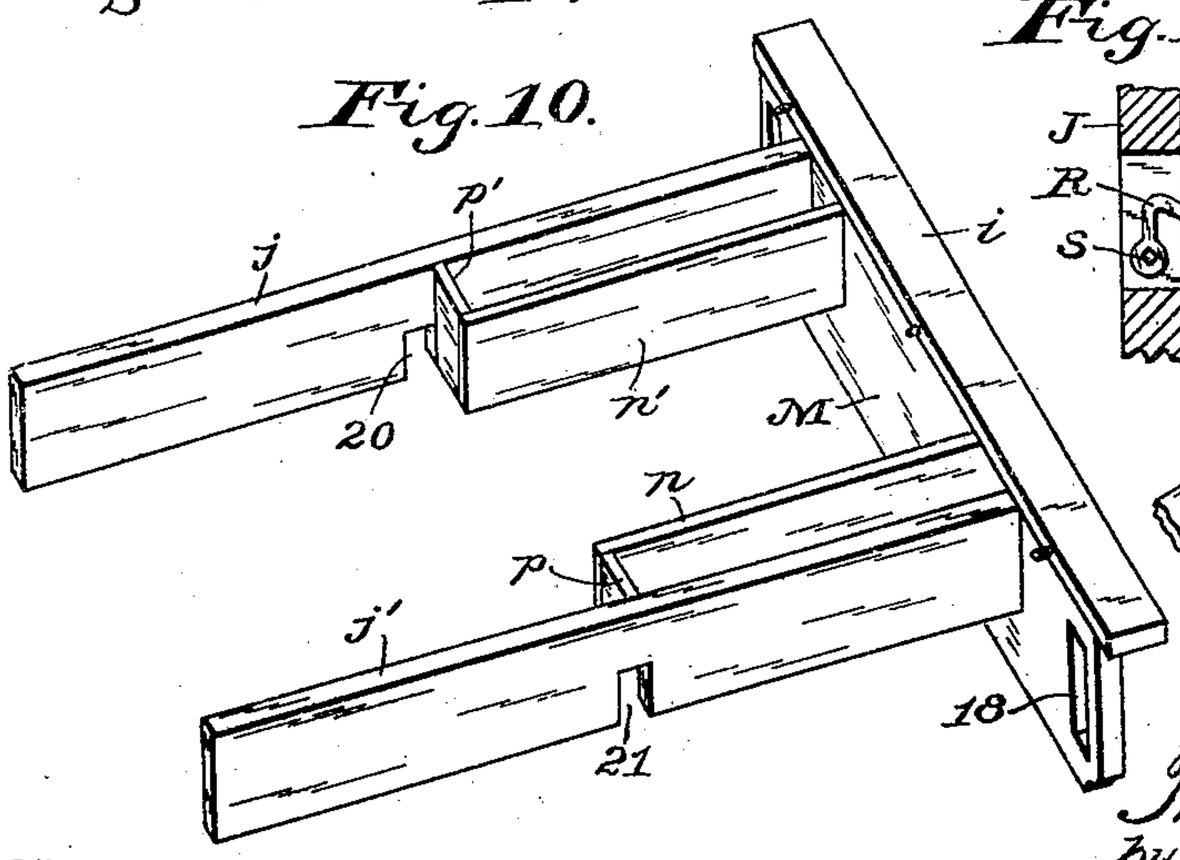


Fig. 10.



Witnesses:

E. Rellartin.

Stella Snider

Inventor:

Thomas M. McKee.

by E. T. Silvius,

Attorney.

UNITED STATES PATENT OFFICE.

THOMAS M. McKEE, OF GREENFIELD, INDIANA, ASSIGNOR OF ONE-HALF TO JOHN W. COMSTOCK, OF GREENFIELD, INDIANA.

EXTENSION-TABLE.

No. 822,901. Specification of Letters Patent. Patented June 5, 1906.

Application filed May 4, 1905. Serial No. 258,743.

To all whom it may concern:

Be it known that I, THOMAS M. McKEE, a citizen of the United States, residing at Greenfield, in the county of Hancock and State of Indiana, have invented a new and useful Improvement in Extension-Tables; and I do declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to the class of tables that are adapted to be used either as dining-tables or as other types—such as library, center, or card tables—which may be extended in size with respect to top area, the invention having reference particularly to the extension features thereof and also to receptacles for storing the filling-boards and to drawers for retaining silverware and the like.

Objects of the invention are to provide an improved construction in extension-tables whereby to eliminate objectionable features inherent in such tables as heretofore constructed—such as divided pedestals, troublesome pedestal-locks, and gaps in the sides of the frames when extended—to provide a simple knockdown table and to provide a table of simple construction wherein the filling-boards may be conveniently stored, also to provide convenient receptacles in extension-tables wherein table-linen and silverware may be kept.

With the above-mentioned and other objects in view the invention consists in the novel construction generally, in the novel individual parts, and in the combinations and arrangements of parts, as hereinafter particularly described and claimed.

Referring to the drawings, Figure 1 is a perspective view of the improved table having one end extended for use and the frame of the opposite end extended ready to receive filling-boards and in such position as to permit filling-boards to be withdrawn from their receptacles and to give access to the drawers therein; Fig. 2, a perspective view of the table leg or pedestal; Fig. 3, an inverted plan of the table-top and frame, the leg being in horizontal section; Fig. 4, a fragmentary detail section taken vertically and longitudinally through a side rail and jointed extension thereof; Fig. 5, a side elevation of a filling-board and side rail extensions attached thereto; Fig. 6, an upright transverse sectional view at the plane of the line A A in Fig. 3; Fig. 7, an upright transverse sectional view at the plane of the line B B in Fig. 3; Fig. 8, an upright transverse sectional view at the plane of the line C C in Fig. 3; Fig. 9, an upright longitudinal sectional view taken centrally, as at the plane of the line D D in Fig. 3, showing one end extended and the opposite end closed; Fig. 10, a perspective view of one of the extensible end frames; Fig. 11, a fragmentary detail section illustrating an extension frame-lock; and Fig. 12 a fragmentary perspective view of a filling-board and rail extension hinged thereto.

Similar reference characters in the drawings designate corresponding elements or features of the invention.

In construction a cap E is provided having gage sides *a b c d* and bearings *e* and *f*, the cap being secured to the top of a single leg F and forming a pedestal, and, if desired, the cap may be supported by any suitable frame and plurality of supporting-legs. The stationary main or top frame comprises a pair of separated longitudinal center rails G and G′, to which are attached transverse center rails H and H′, one to either longitudinal rail. End rails I and J are attached to opposite ends of the longitudinal center rails. A longitudinal side rail K is attached to the rails H, I, and J, and a side rail K′ is attached to the rails H′, I, and J, the rails K and K′ forming the finished outer sides of the table-frame, to which the stationary table-top part L is secured. The stationary frame is provided at opposite ends thereof with movable or extension frames comprising end rails M and N, which form the finished outer sides of the ends of the table-frame, the end rails having supporting-frame members, to be further described.

The rails G and G′ of the main frame rest removably on the bearings *e* and *f* against the gage sides *c* and *d* of the cap E, which is pushed under a lip O, that is attached to the rail H, the gage sides *a* and *b* extending between two gage-strips *g* and *h*, that are secured to the under sides of the rails G and G′. A gravity-latch P of hook-like form is connected by a pivot *x* to the rail H′ and has detachable engagement with the under side of the cap E opposite to the lip O. The movable end-frame rail M has a top section *i*, at-

tached thereto, matching the main section L, and the frame also has supporting guide-bars *j j'*, attached thereto, the rail N having a top section *i'* and also guide-bars *k k'*, attached thereto, the guide-bars being movable longitudinally in suitable guideways in the rails H H', the bars of one movable frame being arranged between and against the bars of the other frame between the longitudinal center rails and the side rails of the main frame.

One movable end frame is provided with two movable drawers, one drawer composed of a bottom Q, the bar *k*, a side *l*, an end *m*, and the rail N, all secured together, the body of the drawer being supported and guided in an opening 13 in the rail J, the other drawer being composed of a bottom Q', the bar *k'*, a side *l'*, an end *m'*, and the rail N, all secured together, the drawer-body being supported and guided in an opening 14 in the rail J. The two drawers are arranged adjacent to the side rails K K'. The other movable frame is also provided with two drawers, one of which is composed of a bottom Q^2, a side *n*, an end *p*, the bar *j'*, and the rail M, the other one of which is composed of a bottom Q^3, a side *n'*, an end *p'*, the bar *j*, and the rail M, the bodies of the drawers being supported and guided in openings 15 and 16, respectively, in the rail I adjacent to the center rails G G'. The ends of the rails K K' have tenons, as 17, to match mortises, as 18, in the rails M and N when the latter are closed against the rails I and J.

A suitable number of filling-boards, as L' L^2 L^3, are provided to match the main top L and the sections *i i'* and adapted to rest upon the bars *j* and *j'* or the bars *k* and *k'* of the movable frames when drawn out of the main frame, the filling-boards covering the drawers. Each filling-board carries two rail-sections, as K^2 and K^3, which are connected thereto by hinges, as *r*, so as to fold against the boards, the rail-sections having also tenons 17 and mortises 18 at opposite ends thereof.

The guide-bars of the movable end frames are provided with suitable stops, as 19, secured thereto so as to engage the rails H or H' when the frames are drawn outwardly. In the under sides of the bars *j j'* are recesses 20 21, and the bars *k k'* have recesses 22 23, the recesses being adapted to permit the end frames to drop somewhat at their outer ends when the recesses are at the rails I or J in order to place the filling-boards, as L^2, when not in use, in their receptacle-openings 24 or 25, that are formed in the rails J I, between the center rails G and G', each filling-board being of suitable length, so as to extend from the rail I to the rail J. In the under side of the end rail J is arranged a lock R, having a keyhole *s* and adapted to engage a lock-plate *t*, that is attached to the rail N when the end frame is closed. A spring-latch S is attached to the rail I, adapted to engage a latch-plate *u*, that is attached to the rail M. If desired, however, both end frames may be provided with key-locks or both may have spring-latches. Other minor modifications may of course be made without departing from the spirit and intent of the invention.

In practical use the extensible end frames may be moved up close and matched to the main frame and top, as at the left-hand side of Fig. 9, the filling-boards being stowed in the main frame under the main top section of the table. If an end frame be drawn forwardly and dropped, as indicated in Fig. 1, access may be had to two drawers and one or more of the filling-boards for the top extensions may be withdrawn over the top of the section *i'* and may then be placed in position upon the frame guide-bars, as *k k'*, and matched in place, as is L', the sections K^2 K^3, filling the gaps in the side rails, as indicated in Figs. 1 and 9, the filling-boards of course having dowels and sockets, as usual.

Having thus described the invention, what is claimed as new is—

1. An extension-table including a stationary main section having a filling-board receptacle therein under the top thereof, an end section slidingly supported by the main section and adapted to drop at its outer end when extended, and separate filling-boards adapted to be placed upon the end section or to be placed in the receptacle over the end of the end section.

2. An extension-table including a stationary main section having a receptacle therein and also an end support, an end section adapted to close an end of the receptacle of the main section and having supporting guide-bars operating on the end support of the main section and provided with recesses permitting the outer end of the end section to drop when the recesses are at the end support of the main section.

3. An extension-table including a stationary main section-frame comprising a pair of longitudinal center rails and a pair of longitudinal side rails, a pair of transverse center rails each attached to a longitudinal side rail and center rail, and a pair of end rails each attached to the longitudinal center rails and side rails and having openings therein, the openings of one end rail being adjacent to the longitudinal center rails and the openings of the other end rail being adjacent to the longitudinal side rails, a top secured to the main-section frame, and movable extension-frames comprising each an end rail and a pair of guide-bars and drawer structures secured together and guided in the openings of an end rail of the main-section frame, the guide-bars extending through the transverse center rails.

4. An extension-table including a stationary main section having a receptacle therein and also an end support having openings

therein, an end section adapted to close an end of the receptacle of the main section and having supporting guide-bars operating in the end support of the main section and provided with recesses permitting the outer end of the end section to drop when the recesses are at the end support of the main section, and drawer structures attached to said guide-bars and operating in said openings of the end support of the main section.

5. An extension-table comprising a support, a main-section frame detachably secured to the support and having a filling-board receptacle therein, end sections movable in the main section and closing the ends of the receptacle therein, separate filling-boards, means for dropping the end sections when withdrawn to permit the insertion of the filling-boards into their receptacles across the tops of the end sections, and drawers carried by the end sections.

6. A knock down table including a cap having bearings and guides, a support for the cap, a main table-section having center rails removably mounted on the bearings of the cap against the guides thereof and provided with a fixed and a movable securing device engaging the cap.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS M. McKEE.

Witnesses:

E. T. SILVIUS,

S. SNIDER.