

No. 690,401.

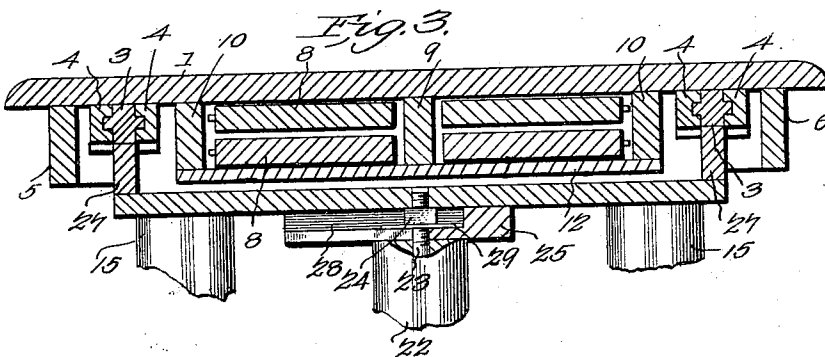
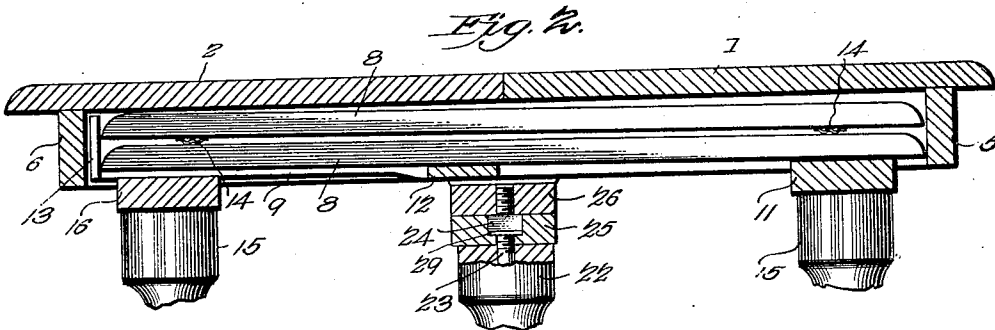
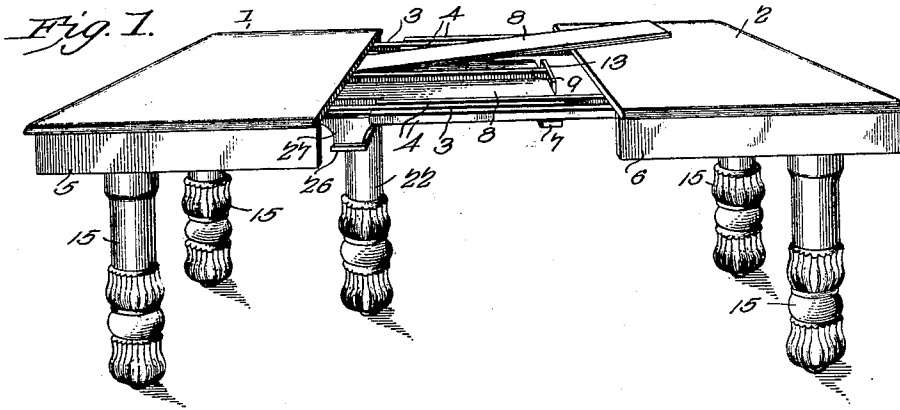
Patented Jan. 7, 1902.

J. CORNELL.
EXTENSION TABLE.

(Application filed June 13, 1901.)

2 Sheets—Sheet 1.

(No Model.)



Witnesses
E. H. Stewart
J. F. Riley

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Attorneys

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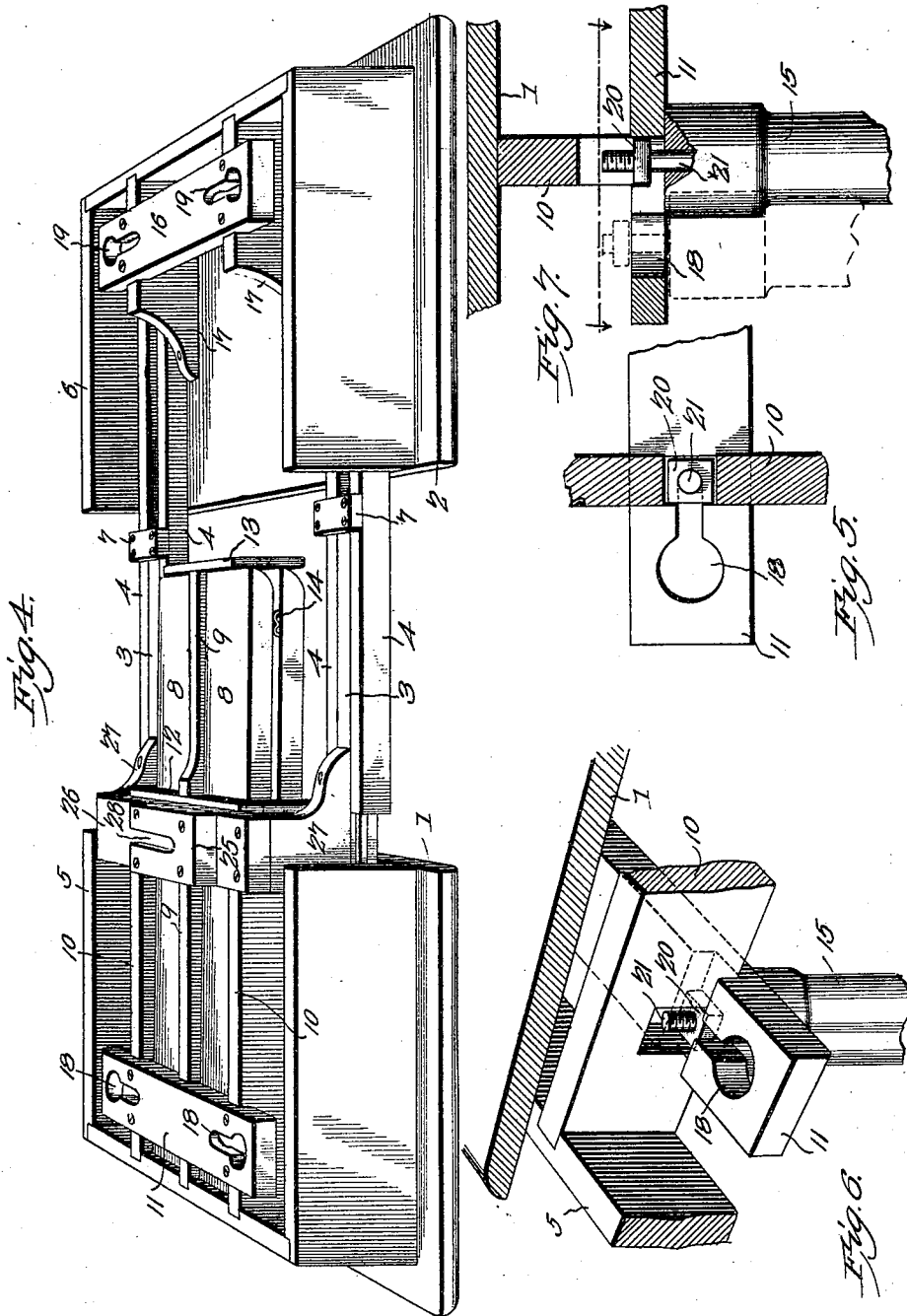
J. CORNELL.

EXTENSION TABLE.

(Application filed June 13, 1901.)

(No Model.)

2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

JOSEPH CORNELL, OF EARLVILLE, NEW YORK.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 690,401, dated January 7, 1902.

Application filed June 13, 1901. Serial No. 64,449. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH CORNELL, a citizen of the United States, residing at Earlville, in the county of Madison and State of New York, have invented a new and useful Extension-Table, of which the following is a specification.

The invention relates to improvements in extension-tables.

10 The object of the present invention is to improve the construction of knockdown extension-tables and to provide a simple and comparatively inexpensive one in which the legs may be readily attached to and removed from the top of the table and which will be provided with a receptacle for the removable leaves.

Another object of the invention is to provide a table of this character in which the receptacle for the leaves and the supports for the legs will be independent of the slides and not interfere with the operation of the latter.

25 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of an extension-table constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view. Fig. 4 is a perspective view of the top of the table, the same being inverted to illustrate the construction for supporting the legs and the removable leaves. Fig. 5 is a detail view illustrating the construction of the keyhole-slots for the fastening devices of the legs. Figs. 6 and 7 are detail sectional views illustrating the manner of mounting the corner legs.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 and 2 designate the fixed end boards of the top of the table, connected by slides 3 and 4 and provided with side and end rails 5 and 6, suitably secured to the fixed end boards and to each other. The slides 3, which are secured to the fixed end board 1 at opposite sides of the table, are arranged between the slides 4, and these slides have tongue-and-grooved connections of the ordinary construction,

as clearly indicated in Fig. 3 of the accompanying drawings. The slides 4, which are located at opposite sides of the central or intermediate slides 3, are connected by transverse blocks or pieces 7, which prevent the said slides 4 from separating.

The end board 1 of the top of the table is provided with a pair of longitudinal receptacles for the reception of removable leaves 8, which are adapted to be placed in position at the top of the table in the usual manner to increase the size of the same, and the said removable leaves are provided with the usual pins and sockets for interlocking them with each other and with the inner edges of the fixed end boards of the top of the table.

The leaf-receptacles are formed by central and side longitudinal bars 9 and 10, which form the walls of the receptacles, and transverse bars 11 and 12, which form the bottoms of the receptacles and which connect the central and side bars 9 and 10. The central and side bars 9 and 10, which are suitably secured to the fixed end board 1 and to the end rail thereof, depend from the top of the table and are arranged parallel with one another, as clearly illustrated in Fig. 4 of the accompanying drawings.

The side bars 10, which form the outer walls of the receptacles, extend slightly beyond the inner transverse edge of the end board 2, and the central longitudinal bar 9 extends from one of the end rails to the other end rail when the removable leaves are detached and the table is closed. The central longitudinal bar 9 is provided at its free end with a transverse piece 13, extending laterally from each side of it and forming a stop to prevent the removable leaves from slipping longitudinally when placed in the receptacle.

The transverse piece 12 connects the bars 9 and 10 at the inner ends of the bars 9, and the other bottom bar 11 is arranged near the outer ends of the longitudinal bars 9 and 10, and besides supporting the removable leaves is adapted to receive the corner legs of that end of the table. The removable leaves rest upon the bottom bars 11 and 12, and the lower leaves are spaced from the upper leaves by suitable cushions 14, preferably consisting of corrugated pieces of paper or other suitable material and adapted to prevent the finished or polished faces of the removable leaves from

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becoming scratched. The leaves 8 are adapted to be readily placed in and removed from the receptacles of the table when the top is extended, as illustrated in Fig. 1 of the accompanying drawings. The corner legs 15 are detachably secured to the said transverse bar 11 and to a corresponding transverse bar 16, which is secured to end brackets 17, mounted on and depending from the fixed end board 2, and suitably secured to the same and to the end rails. The end rails of the table are preferably recessed, as illustrated in Fig. 4 of the accompanying drawings, and receive the ends of the longitudinal bars 9 and 10 and the brackets 17. The leg-supporting bars are provided at their ends with keyhole-slots 18 and 19, the enlarged portions of which are of sufficient size to permit the passage of a nut 20 of a screw 21. The leg-supporting bars 11 and 16 are also provided at their upper faces with suitable recesses forming seats for the nuts and enabling the latter to be readily interlocked with the bars 11 and 16, whereby the legs may be firmly secured to the top of the table by rotating them after the nuts have been engaged with the leg-supporting bars. The legs may also be readily removed by unscrewing them sufficiently to loosen the nuts to permit the latter to be removed from the keyhole-slots. The upper faces of the leg-supporting bars are preferably grooved to receive the longitudinal bars 9 and 10 and the brackets 17, but the parts may be fastened together in any other suitable manner.

35 The table is provided with a central leg 22, having a screw 23 and a nut 24 and secured to a block 25. The block 25 is fastened by screws or other suitable fastening devices to a central leg-supporting bar 26, which is supported by depending brackets or hangers 27, and the latter are mounted on the central slides 3. The central leg-supporting bar extends across the leaf-receptacle and is located below the same, and the block 25 is provided with a dovetailed slot 28, extending inward from one end of the block to permit the nut to be introduced at that point. The slot is provided with shoulders adapted to be engaged by the nut, but a plate 29 is preferably interposed between the nut and the shoulders to form a firm support. The plate, which extends longitudinally of the slot, is perforated for the reception of the screw and is carried by the leg when the latter is removed.

55 It will be seen that the table is simple and comparatively inexpensive in construction, that the legs are adapted to be readily secured to and removed from the top, and that a receptacle is provided for the removable

leaves to prevent the same from becoming 60 scratched or otherwise marred when not in use. It will also be apparent that when the leaves are arranged within the receptacles of the top of the table they are held against both lateral and longitudinal movement and 65 that they are spaced apart by cushions.

What I claim is—

1. A table comprising the fixed end boards, means for slidingly connecting the same, the central and side longitudinal bars mounted 70 on one of the fixed end boards and spaced apart to receive the leaves, the central longitudinal bar being extended beyond the side bars and provided at its extremity with a stop for engaging the ends of the leaves, the bottom bars connecting the longitudinal bars 75 and supporting the leaves, and legs, substantially as described.

2. A table comprising the fixed end boards, the central and side longitudinal bars spaced 80 apart to receive removable leaves, the central bar being extended beyond the side bars and provided with a transverse end piece forming laterally-projecting stops, the bottom bar 12 arranged at the ends of the side bars and connecting the same and the central bar, the leg-supporting bar 11 connecting the longitudinal bars and arranged near the outer ends of the same, the brackets 17, the leg-supporting bar 16 mounted on the brackets, 90 and the corner legs secured to the leg-supporting bars 11 and 16, substantially as described.

3. A table comprising the fixed end boards 1 and 2, provided with side and end rails, the slides 3 and 4 connecting the end boards, the central and side longitudinal bars mounted on the end board 1, the central longitudinal bar being extended beyond the side bars and having laterally-projecting stops, the transverse bottom bars 11 and 12 connecting the longitudinal bars, the brackets 17 mounted on the end board 2, the transverse leg-supporting bar 16 secured to the brackets, the brackets or hangers 27 depending from the slides 3, the central leg-supporting bar carried by the hangers or brackets 27, and the central and corner legs secured to the central leg-supporting bar and to the bars 11 and 16, substantially as described. 110

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH CORNELL.

Witnesses:

B. L. SOUTHWORTH,
F. J. CORNELL.