

(No Model.)

J. BOHR.
EXTENSION TABLE.

No. 522,101.

Patented June 26, 1894.

Fig 1

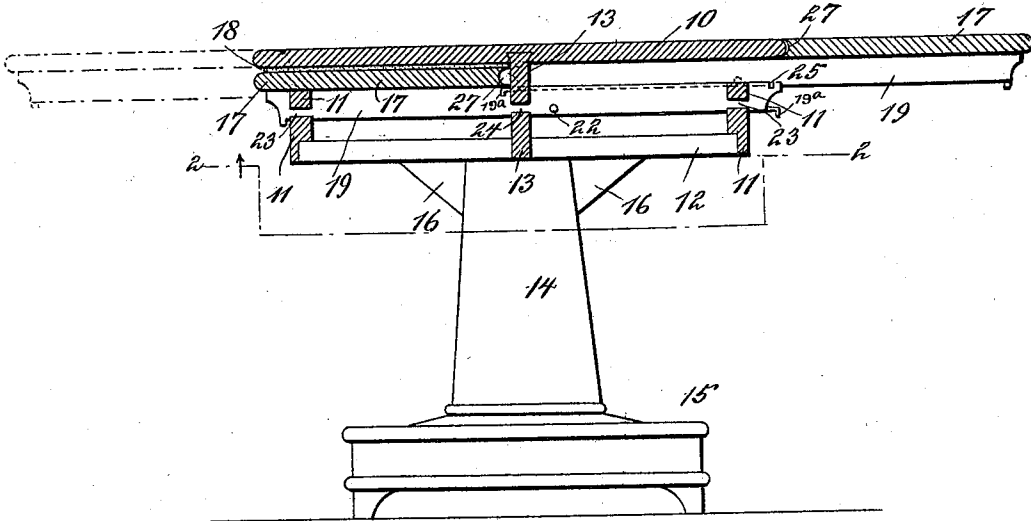


Fig 2

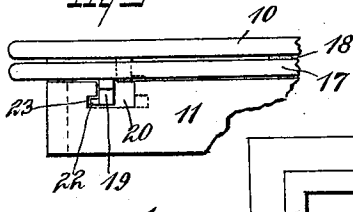
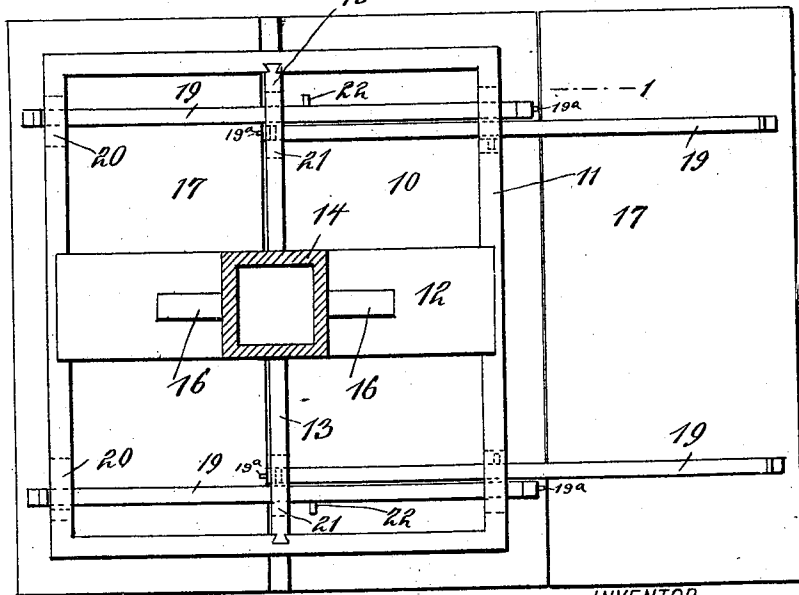


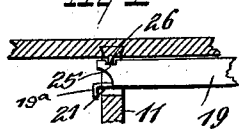
Fig 3



WITNESSES:

H. Walker
C. Sedgwick

Fig 4



INVENTOR

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UNITED STATES PATENT OFFICE.

JOSEPH BOHR, OF WESTPHALIA, MICHIGAN.

EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 522,101, dated June 26, 1894.

Application filed September 7, 1893. Serial No. 484,955. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH BOHR, of Westphalia, in the county of Clinton and State of Michigan, have invented a new and Improved Extension-Table, of which the following is a full, clear, and exact description.

My invention relates to improvements in extension tables, and the object of my invention is to produce a very simple and cheap extension table, which when closed is very compact, which may be easily opened or extended, which may be easily operated, and which is not likely to get out of order.

To these ends, my invention consists in an extension table, the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a vertical section on the line 1—1 of Fig. 2, of the table embodying my invention, one leaf being shown closed and the other opened. Fig. 2 is an inverted sectional plan of the table, on the line 2—2 of Fig. 1. Fig. 3 is a broken side elevation of a portion of the table, showing the manner in which the leaf is held in relation to the top; and Fig. 4 is a detail sectional view, showing the manner of fastening one of the leaf-supporting arms when the leaf is opened.

The table is provided with a central rigid top 10, which rests on a frame 11, this being preferably of a rectangular shape, and the frame is braced by the cross pieces 12 and 13, which are arranged at right angles to each other and extend centrally across the frame, the cross piece 12 being laid flatwise against the bottom of the frame, and the cross piece 13 being dovetailed edgewise into the same, as shown in Fig. 2. The table top and frame rest upon a central column 14, which is provided with a suitable foot 15, and the latter may be mounted on casters in the usual way if desired. The frame 11 is also preferably braced by brackets 16, which extend from the column 14 to the cross piece 12.

The table is provided with leaves 17, which are adapted to extend from opposite sides of the frame and which when closed, slide beneath the table top, as shown at the left hand in Fig. 1. To prevent injury to the leaves by

sliding them in and out beneath the table top, the latter is preferably provided on its under side with strips 18, of leather, cloth, or other suitable substance. The leaves 17 are supported on arms 19 which extend beneath the table top, the arms being secured to the leaves and sliding in recesses 20 and 21, made respectively in the frame 11 and in the cross piece 13. The arms 19 are of such length that when extended, the inner ends of the arms will rest in the recesses of the cross piece 13, and when the leaves are pushed inward the arms will just extend across the frame 11. Each arm 19 has near its center a laterally-extending pin 22, and this pin is adapted to slide through the notches 23 and 24, which are produced in the side walls of the recesses 20 and 21 so as to facilitate the sliding of the arms. Each arm 19 is provided at its inner end and upper side with a notch 25, which is adapted to engage a ledge 26 in the top of the recess 21 through which the arm slides, see Fig. 4, and this arrangement steadies the arm and leaf when the latter is extended. The arms 19 are provided, at their inner ends, with stops 19^a which strike the cross piece 13 and prevent the arms from being drawn too far out. Each leaf 17 is made of the same thickness as the table top, and the leaf has a concave inner edge, as shown at 27 in Fig. 1, which is adapted to fit snugly against the convex edge of the table top. To extend the table, the leaves are pulled out until their inner edges clear the table top and each leaf is then lifted and drawn slightly outward, thus raising the pins 22 on the arms 19 above the frame 11, and the leaves are then pushed inward so as to bring the concave edges of them against the convex edges of the table and the leaves are then dropped and lie in a horizontal position, the pins 22 resting on the top of the frame 11, and the notches 25 engaging the ledges 26 as above described. When the leaves are to be pushed in, they are first pulled out slightly so that the pins 22 may drop downward and register with the notches 23 and 24, after which the leaves may be pushed freely inward.

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

1. The combination, with the table top and

its supporting frame, the latter having recesses in its upper edge, of a leaf adapted to slide beneath the table top, supporting arms secured to the leaf, and projections on the arms which lie upon the top of the supporting frame, substantially as specified.

2. The combination, with the table top and its supporting frame, the latter having a recess in the upper edge, of its outer portion and a recess in its central portion with a ledge on its upper wall, of a leaf to fit against the edge of the table top, supporting arms secured to the underside of the leaf and adapted to lie in the recesses of the frame, projections on the sides of the arms to rest on the table

top, and means, as a notch in the arms, to engage the ledge on the supporting frame, substantially as specified.

3. In a table, the combination with a frame having a cross piece at the center, said frame and cross piece being recessed, and a top supported on the frame, of supporting arms sliding in said recesses and provided with notched inner ends, ledges on the frame for engaging the notches of the arms, and a leaf secured to the said arms, substantially as described.

JOSEPH BOHR.

Witnesses:

WILLIAM SMITH,
PETER PETSCH.