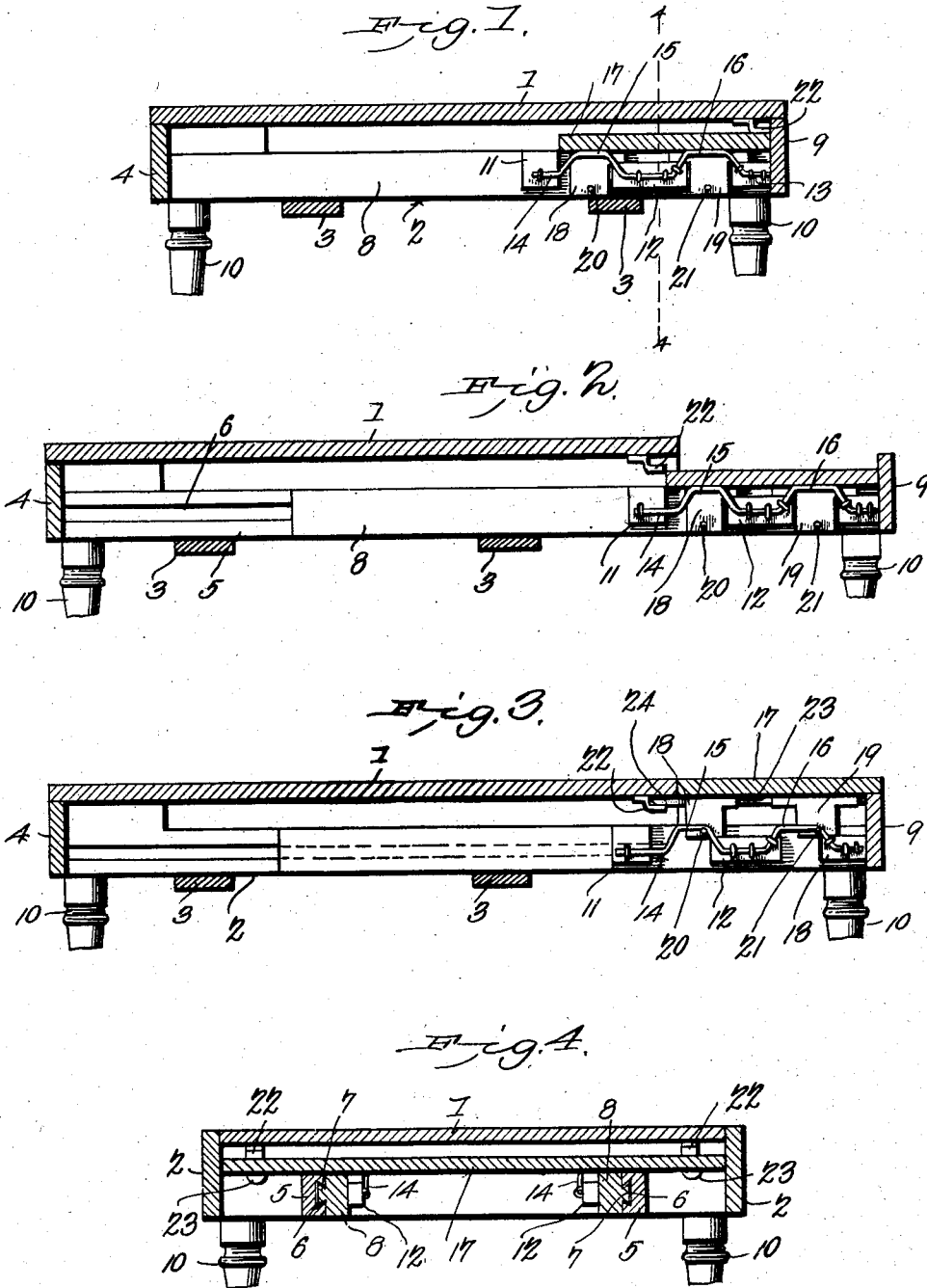


No. 739,409.

PATENTED SEPT. 22, 1903.

W. A. FINKBEINER.
EXTENSION TABLE LEAF.
APPLICATION FILED MAY 4, 1903.

NO MODEL.



Witnesses
E. J. Almor
J. J. Almor

W. H. Finkbeiner, Inventor
by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM A. FINKBEINER, OF TOLEDO, OHIO.

EXTENSION-TABLE LEAF.

SPECIFICATION forming part of Letters Patent No. 739,409, dated September 22, 1903.

Application filed May 4, 1903. Serial No. 155,611. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. FINKBEINER, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented a new and useful Improvement in Extension-Table Leaves, of which the following is a specification.

My invention relates to extension-tables, and has for its objects to produce a device of this character which will be simple of construction, efficient in operation, one in which the extension leaf or leaves will be carried by the extension rails or bars and normally occupy a position beneath the stationary leaves, and one in which the parts may be readily arranged for extending the table.

To these ends the invention comprises the novel details of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a longitudinal sectional elevation through a table constructed in accordance with my invention, the parts being shown in their normal closed position. Fig. 2 is a similar view showing the extension-leaf withdrawn and illustrating the position of the parts prior to elevating the leaf. Fig. 3 is a similar view illustrating the extension-leaf elevated to its proper position, flush with the remainder of the table-top. Fig. 4 is a vertical transverse section on the line 4 4 of Fig. 1.

Referring to the drawings, 1 indicates the stationary section of a table-top, which is secured to a framework comprising vertically-depending side boards 2, connected by transverse bars 3, and a fixed vertically-depending end board 4. Secured in any suitable manner beneath the stationary portion of the table-top and extending longitudinally thereof in parallel relation, are a pair of guide-rails 5 5, provided upon their inner faces with longitudinal grooves 6, which receive corresponding tongues 7, formed upon the adjacent faces of longitudinally-movable extension-rails 8, to the outer ends of which there is secured by screws or otherwise a movable end board 9, which is movable with the extension-rails and serves when the parts are in their normal position to close the adjacent end of the supporting-frame. The table is provided with suitable sustaining-legs 10. These parts

may be of the usual or any desired construction and of any suitable material, inasmuch as they constitute no part of my invention.

In accordance with my invention I secure by screws or otherwise to the inner face of each of the extension-rails 8 three juxtaposed-spaced supporting-blocks 11 12 13, which sustain a guide member 14, preferably of steel wire, secured at its ends and longitudinal center to the end blocks 11 13 and center block 12, respectively, the wire forming the member being bent to form an arch portion 15, occupying the space between end block 11 and center block 12, and a similar arched portion 16 occupying the space between the center block 12 and end block 13 for the purpose presently to be explained.

17 indicates an extension-leaf which has secured to its under face adjacent to each extension-rail 8 a pair of aligned spaced elevating-blocks 18 19, which when the extension-leaf occupies its normal position beneath the table and resting upon the rails 8 lie within the spaces between the center block 12 and respective end blocks, as shown in Fig. 1, but which when the leaf occupies its extended position, as illustrated in Fig. 3, rest upon the supporting-blocks 12 and 13, respectively, for maintaining the leaf in an elevated position flush with the stationary section 1 of the table-top.

20 indicates a lug or stop which projects laterally from the block 18 near its lower end, while 21 is a similar lug projecting laterally from the block 19.

22 is a socketed block or member which is secured in any suitable manner to the lower face of the stationary section 1, and 23 is a transverse brace or member secured to the lower face of the extension-leaf 17 and provided with an extended portion or tongue 24, which when the parts are in the position illustrated in Fig. 3 enters the socketed member 22 for assisting in sustaining the leaf and maintaining the upper surface of the same flush with the upper surface of the stationary section 1.

In practice, supposing the parts to be in the position illustrated in Fig. 1 and that it is desired to extend the table, the end board 9 is grasped and the extension-bars 8 drawn outward a distance sufficient to move the leaf

17 from beneath the stationary section 1. The operator then grasps the leaf 17 at opposite ends and raises the same vertically upward until the stops 20 21 come into engagement with the respective arched portions 15 16 of the guide member 14. The leaf 17 is then moved outward until the elevated blocks 18 19 rest upon the supporting-blocks 12 13, the parts being brought to the proper position owing to the stops 20 21 traveling along the guide 14. The guide-rails 8 are then shoved inward until the tongue 24 of member 23 engages the socketed member 22. To close the table requires simply a reversal of these steps.

From the foregoing it will be seen that I produce a device which is simple of construction, efficient in operation, and one which is admirably adapted for the attainment of the ends in view; but it is to be understood that I do not limit myself to the precise details herein shown and described, inasmuch as minor changes may be made therein without departing from the spirit or scope of my invention. For example, while I have herein illustrated the table as provided with but a single extension-leaf, it is to be understood that as many such leaves as are desired may

be employed and that they may be arranged at either or both ends of the table by a mere duplication of the parts herein described.

Having thus described my invention, what I claim is—

In a table, the combination with a stationary top-section, of guide-rails associated therewith beneath the same, longitudinally-movable extension-rails associated with the guide-rails, supporting-blocks carried by the extension-rails, an extension-leaf, elevating-blocks carried thereby for engagement with the supporting-blocks to maintain the leaf in elevated position when extended, guide members attached to the extension-rails and comprising horizontal wires having upwardly-arched portions, and stops carried by the elevating-blocks for engaging the arched portions of the wires to limit upward movement of the leaf.

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

WILLIAM A. FINKBEINER.

Witnesses:

F. J. FINKBEINER,
J. W. BROWN.