No. 834,428. PATENTED OCT. 30, 1906.

S. W. WHONN.

EXTENSION TABLE.

APPLICATION FILED DEC. 5, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

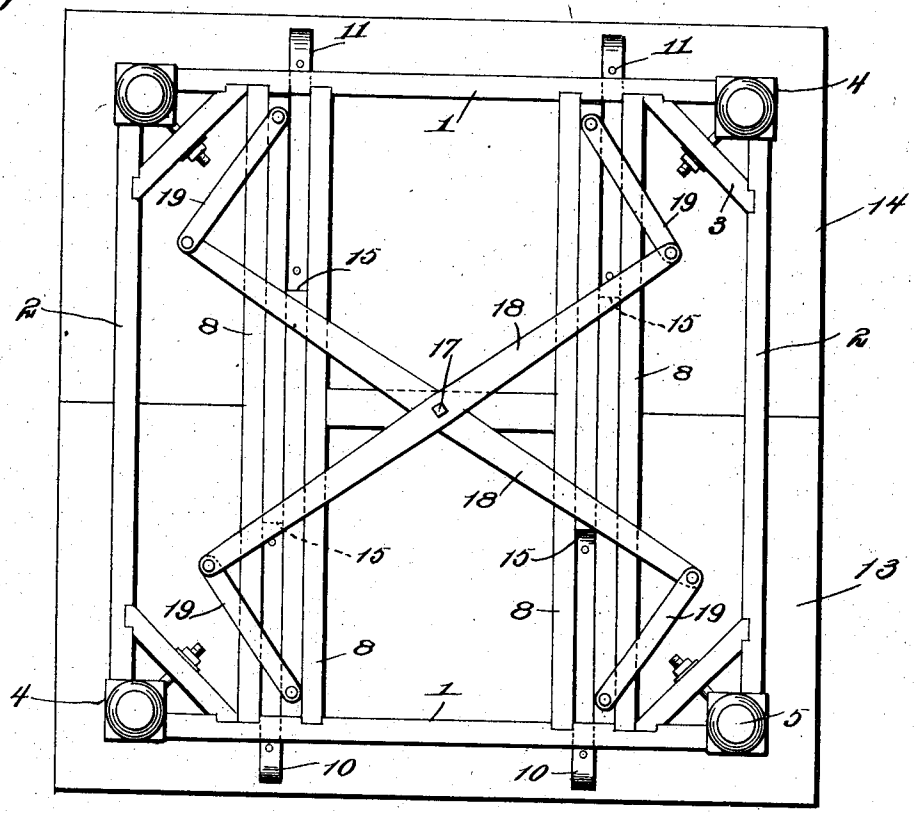
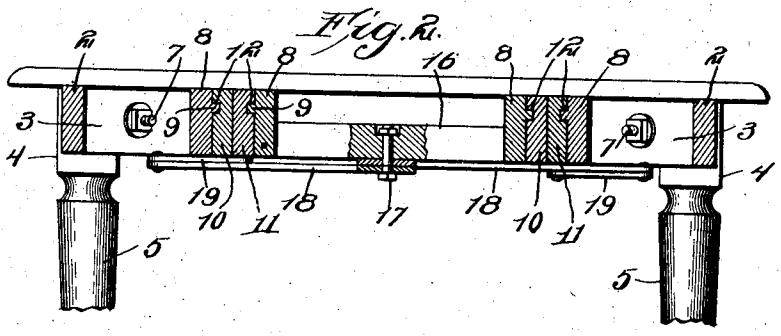


Fig. 2.



Witnesses

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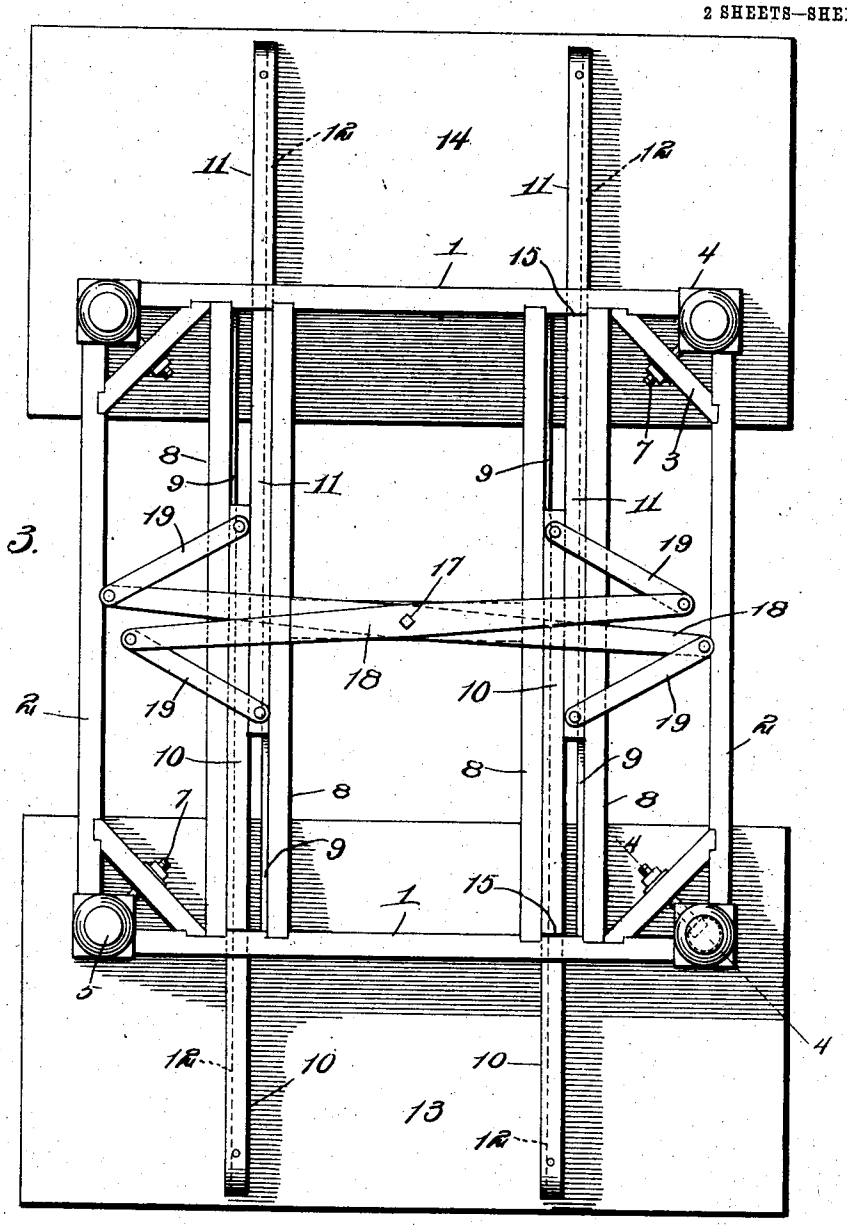
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2 SHEETS—SHEET 2.

Fig. 3.



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EXTENSION-TABLE.

No. 834,428. Specification of Letters Patent. Patented Oct. 30, 1906.

Application filed December 5, 1905. Serial No. 290,366.

To all whom it may concern:

Be it known that I, SAMUEL W. WHONN, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Extension-Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to extension-tables; and its object is to provide a table with a sectional top the parts of which are adapted to move in opposite directions, said parts being connected in a novel manner, whereby they will be simultaneously moved by pulling upon either section.

The invention also consists of certain other novel features of construction and combination of parts, which will be hereinafter more fully described, and pointed out in the claim.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a bottom plan view of the table. Fig. 2 is a central transverse section therethrough. Fig. 3 is a view similar to Fig. 1, but showing the table extended.

Referring to the figures by numerals of reference, 1 and 2 are the end and side strips, respectively, of the table-frame, and 3 represent brace-strips therefor. The heads 4 of table-legs 5 are adapted to be placed between the ends of the strips 1 and 2, forming a support for said frame.

Secured within the frame adjacent each side strip 2 are parallel guide-strips 8, having beads 9 formed longitudinally along their adjoining faces. Slides 10 and 11 are mounted between each pair of guides 8, and their adjoining faces contact, while their opposite faces have longitudinally-extending grooves 12, into which the beads 9 project. The slides 10 and 11 may be of any desired length, and they extend in opposite directions through the end strips 1 of the frame and are secured to the sections 13 and 14, respectively, of the table-top. Those portions of the slides which are mounted within the end strips 1 are of less thickness than the balance of the slides, so that stop-shoulders 15 are formed, which are adapted to abut against the strips 1 and limit the extension of the table. A cross-beam 16 connects the centers of the inner guide-strips 8, and a pin 17 extends downward from the center of this beam 16 and constitutes the fulcrum of similar crossed levers 18. These levers are pivoted at their centers, while their ends are connected, by means of links 19, with the slides 10 and 11. One end of each lever is connected to one of the slides 11 of one pair by means of its link 19, while the other end of said lever is connected by its link to the slide 10 of the other pair. It will therefore be obvious that should the section 13 of the table-top be moved longitudinally its slides 10 will operate both of the levers 18 and will cause said levers to impart a corresponding movement to the slides 11 and their table-top section 14. The extension or shortening of the table is thus greatly facilitated, because by pushing or pulling upon either end of the table-top a corresponding movement in the opposite direction will be imparted to the other end of said top.

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

In an extension-table, the combination with a suitably-supported rigid frame, guide-strips arranged in pairs, and a cross-beam connecting the centers of the inner guide-strips; of a pair of crossed levers fulcrumed to said cross-beam, oppositely-movable slides between each pair of guide-strips, top sections secured to said oppositely-movable slides, links at each end of each lever, one link of each lever engaging one set of slides and the links at the opposite ends of said levers engaging the opposite movable slides whereby said top sections will move in unison from each other.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL W. WHONN.

Witnesses:

E. B. PALMER,

C. H. WINDERS.