

J. Haines,

Extension Table,

N^o 12,548.

Patented Mar. 20, 1855.

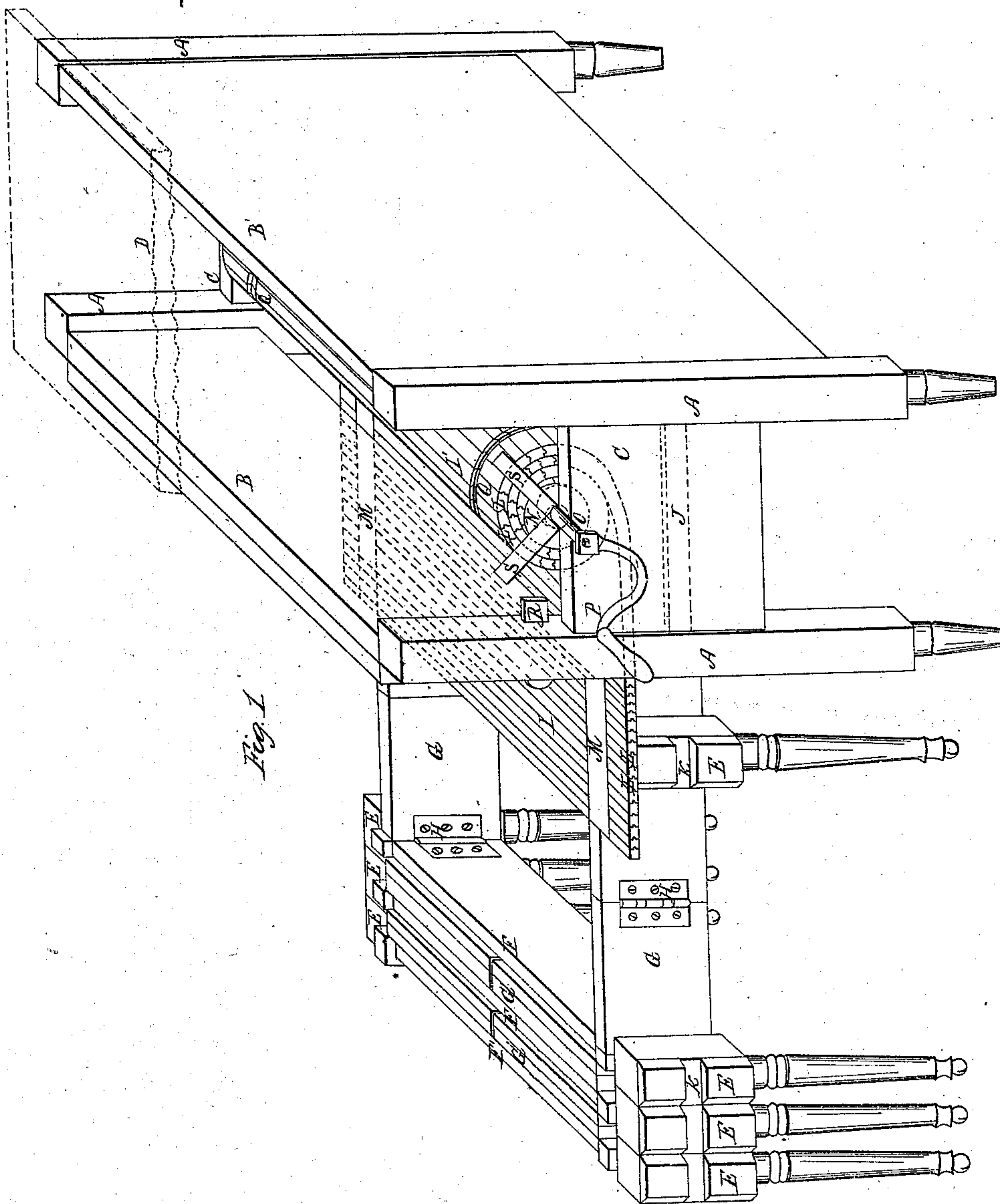


Fig. 1

UNITED STATES PATENT OFFICE.

JOEL HAINES, OF WEST MIDDLEBURG, OHIO.

EXTENSION-TABLE.

Specification of Letters Patent No. 12,548, dated March 20, 1855.

To all whom it may concern:

Be it known that I, JOEL HAINES, of West Middleburg, in the county of Logan and State of Ohio, have invented certain new and useful Improvements in Extension Tables; and I do hereby declare that the same are described and represented in the following specifications and drawings.

To enable others skilled in the art to make and use my improvements I will proceed to describe their construction and operation referring to the drawings in which the same letters indicate like parts in each of the figures.

The figure is a perspective view of the table and its case, partially extended.

A A are the parts of the case connected by the sides B B' and the ends C C so as to form a case to contain the table when it is closed up. The top D of this case is represented in dotted lines broken off in the middle. The upper half of the ends may be fastened to the top or otherwise.

The extension frame consists of the posts E E connected by the crossbars F F. Each pair of posts is connected to the next pair by the folding rails G G—which are connected together as represented by the hinges H H so that by pulling the first crossbar F' from the case, the rails may be drawn into the position to receive the top I, and when the top is removed the rails may be folded between the crossbars F F as represented at G' G', so as to allow the posts E E to come together as represented, and the first joints of the folding rails may be hinged to the side B' or otherwise.

A cleat is fastened to the inside of each end of the case, one of these cleats is represented by dotted lines at J, and there is a score K cut in each of the posts to correspond with the cleats so that as the posts pass into the case the scores K pass onto the cleat J so that if the case is taken up to be removed, the posts and rails are carried with it. The top I is made of slats L L matched together as represented, that is the tongue on each slat projects into the score in the next through the series, and therefore the top is finer when it is extended upon the rails as the slats support each other so that one cannot be depressed without depressing those next to it.

The slats L L are connected together by the flexible bands M M which are fastened in scores in the slats for that purpose. The

flexible bands M M are fastened to the roller N, which roller is provided with pivots fitted to turn in scores in the ends of the case one of which is represented at O and it has the crank P upon it by which the roller is turned to wind the bands M M around it and roll up the top I as represented at I' within the case where it may be kept until it is wanted for further service. There are scores Q Q in the top which embrace the folding rails G G and hold them straight while the top remains upon them thereby saving the necessity of any other device for that purpose. There is a slide R in the post A to prevent the roller N from turning when it is pushed in so as to come in contact with the arms S S. I contemplate that my extension tables may be made of such a length as may be desirable and that one person may draw out the frame and the top while one or two persons can stand by the case and lay the plates dishes &c as it is drawn out in far less time than it would take to distribute them over the table after it is extended. Also that after a party have concluded a meal one person may wind up the top while one or two persons standing near the case removes the dishes, so as to clear the table in far less time and with comparatively little labor to what it would require to clear an ordinary table of the same length, and when the top is wound up and the posts pushed in, the lower part of the side B of the case which is hinged to the upper part and represented as turned up in the drawing, may be turned down so as to close the case and make a handsome piece of furniture.

What I claim as my invention and desire to secure by Letters Patent is—

The construction and arrangement of the top, so as to wind up in the case substantially as described; it being understood that I do not claim in general the device of the chain of slats to wind up, as that has already been used in window blinds and shutters; but only the peculiar purposes for which it is applied to the table top as above set forth.

In testimony whereof I have hereunto signed my name before two subscribing witnesses.

JOEL HAINES.

Witnesses:

JOHN LACORK,
J. DENNIS, Jr.