

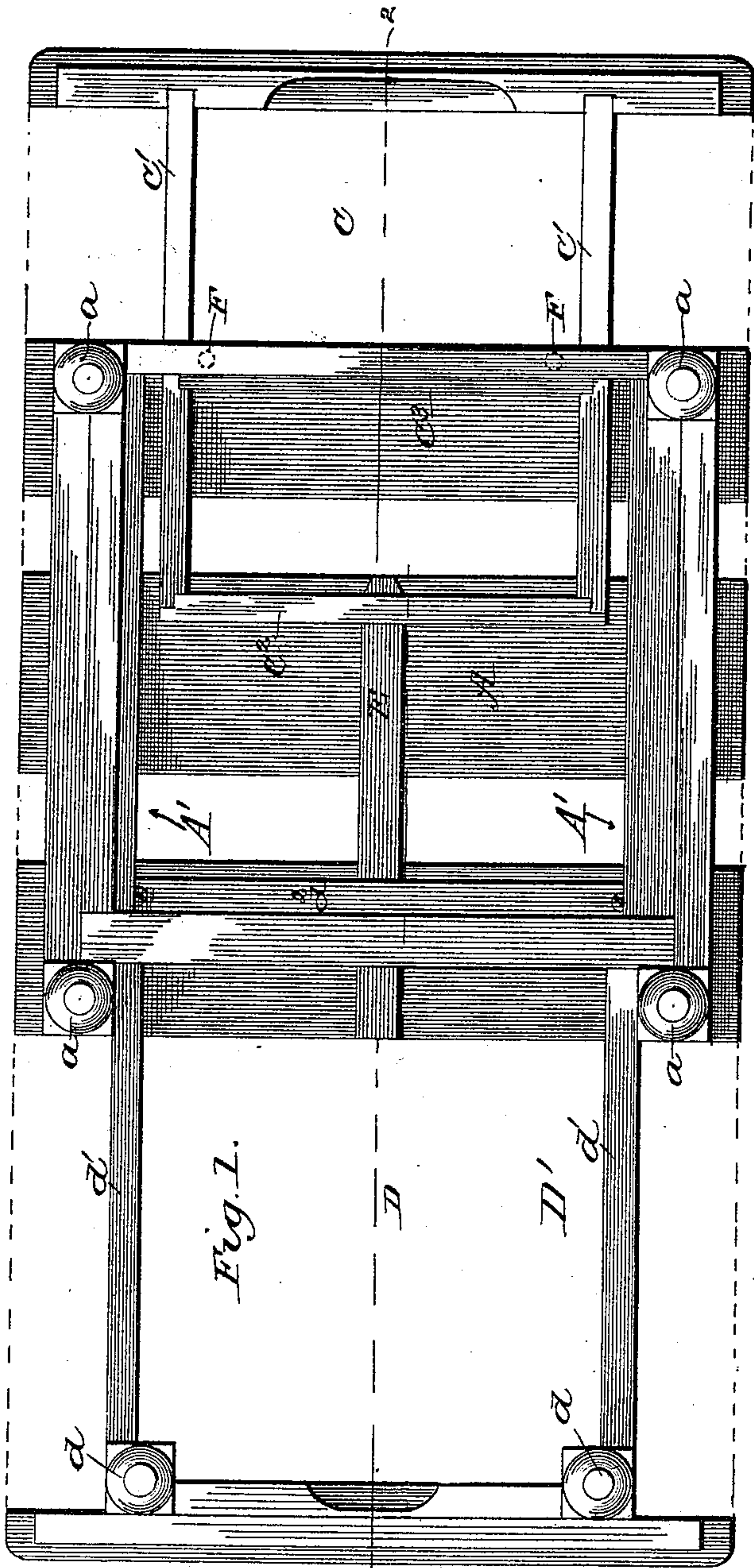
(No Model.)

2 Sheets—Sheet 1.

L. G. SMITH.  
EXTENSION TABLE.

No. 436,196.

Patented Sept. 9, 1890.



WITNESSES:  
Fred G. Dieterich  
 P.B. Furpin.



INVENTOR:  
*Lewis G. Smith*  
BY *Wm L*  
ATTORNEYS

(No Model.)

2 Sheets—Sheet 2.

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EXTENSION TABLE.

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Fig. 3.

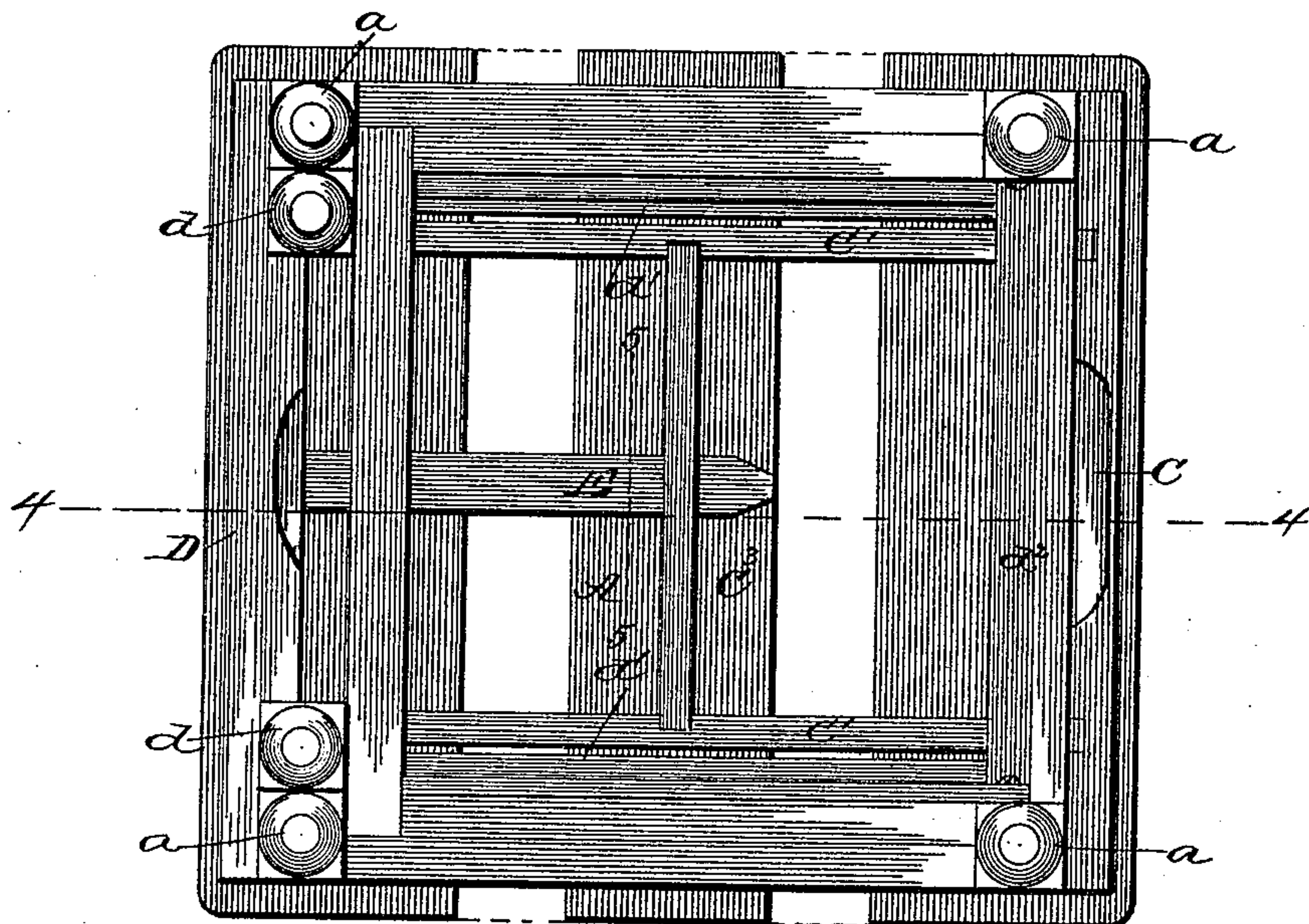


Fig. 4.

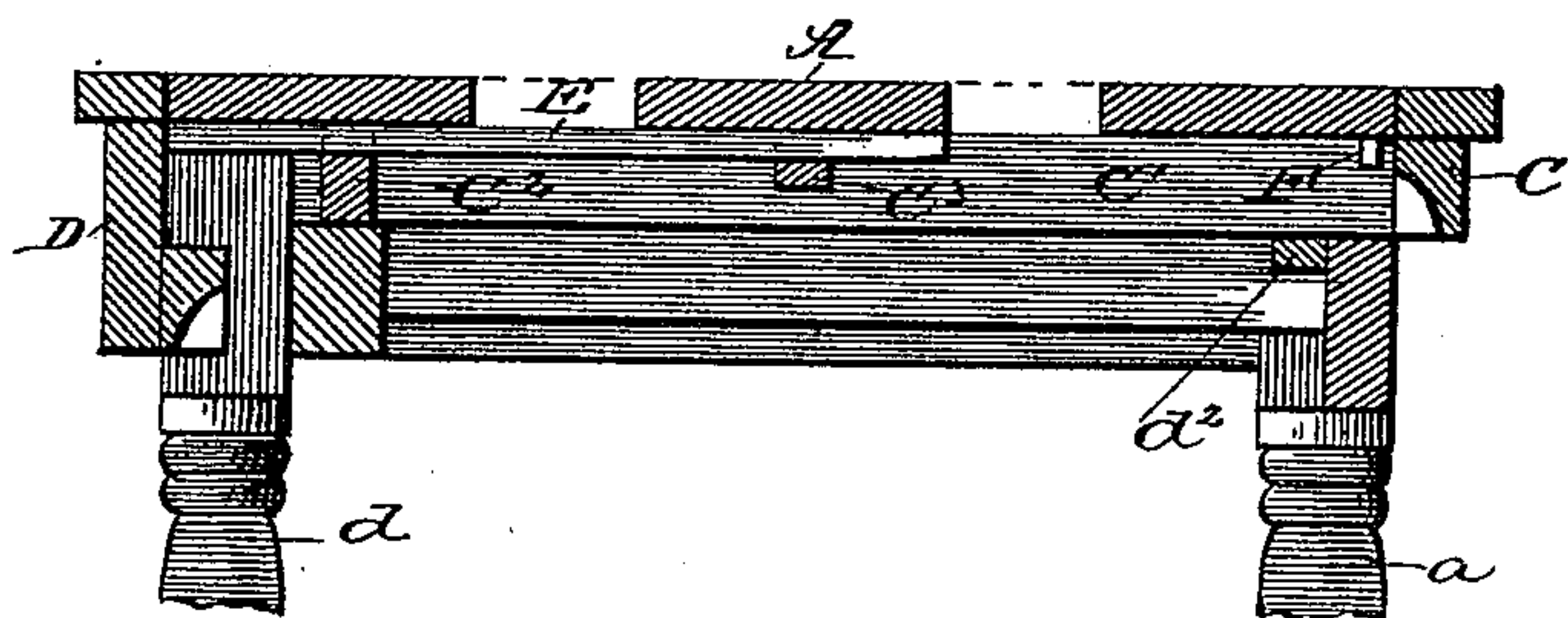
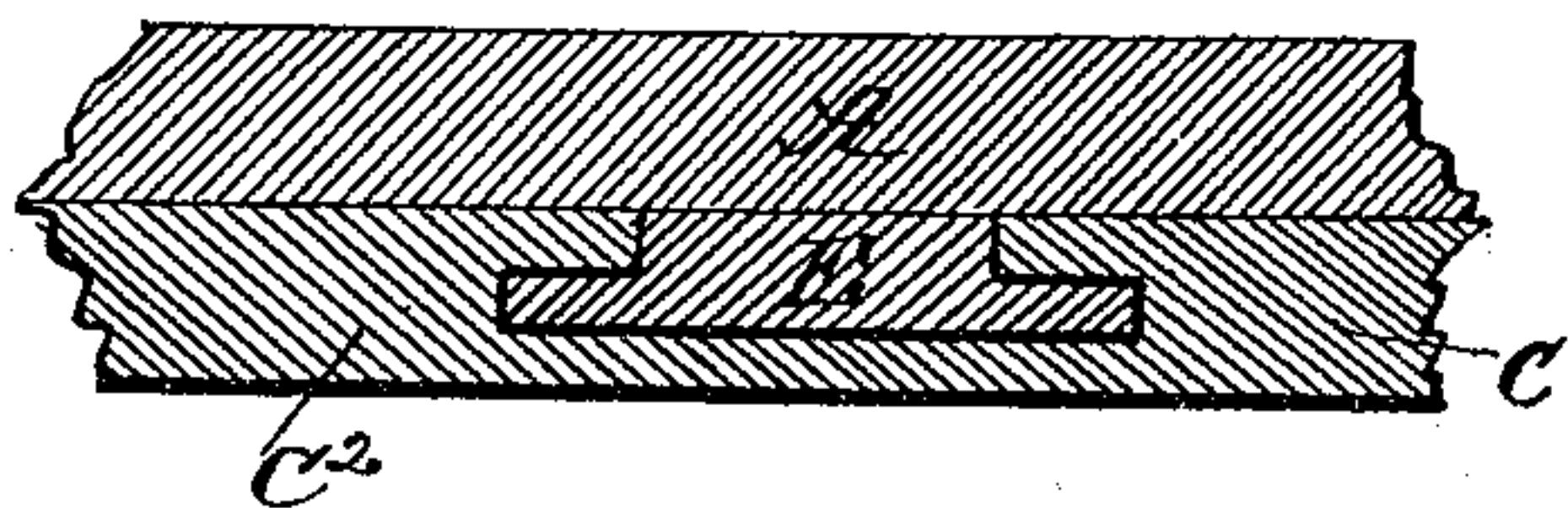


Fig. 5.



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# UNITED STATES PATENT OFFICE.

LEWIS G. SMITH, OF DALLAS, TEXAS.

## EXTENSION-TABLE.

SPECIFICATION forming part of Letters Patent No. 436,196, dated September 9, 1890.

Application filed November 11, 1889. Serial No. 329,952. (No model.)

*To all whom it may concern:*

Be it known that I, LEWIS G. SMITH, of Dallas, in the county of Dallas and State of Texas, have invented a new and useful Improvement in Extension-Tables, of which the following is a specification.

My invention is an improvement in center-tables, seeking to provide a simple convenient construction of extension-table, which can be easily extended or contracted, by which the objectionable center leg can be dispensed with, and in which the main or center portion will be firmly supported at all times, and which will embody other improvements, as will be hereinafter more fully set forth.

The invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a bottom view of my table extended. Fig. 2 is a vertical longitudinal section on the line 2 2, Fig. 1. Fig. 3 is a bottom view of the table folded. Fig. 4 is a vertical longitudinal section of the same on the line 4 4, Fig. 3. Fig. 5 is a detail section on about line 5 5, Fig. 3.

The table, as shown, consists of a central or main section A and end sections C and D, movable out from and into the opposite ends of the main section. This main section is suitably framed and is provided at its four corners with the rigidly-secured legs *a*, which serve to firmly support the said main section of the table whether the end sections are extended or not. This section A also has suitable top boards.

The end section D comprises a suitable frame D', which slides into and out of the frame of the main section, and is provided at its outer end with the rigidly-connected legs *d*, which when the section D is extended serve to firmly support its outer end. When the section D is pushed in, the legs *d* fit closely against the inner sides of the legs *a* and form no obstruction whatever.

The frame D' comprises side bars *d'*, which slide in suitable guides A' in or on the opposite side bars of the main section-frame and are connected at their inner ends by a suitable cross-bar *d<sup>2</sup>*, which in the outermost position of section D abuts the frame of section

A and stops the said section D when fully drawn out.

The section C is not provided at its outer edge with supporting-legs, and is made so that it cannot be extended so far as section D. This section C has a frame formed with side bars C', which rest in the closed positions of sections C D close to the inner sides of side bars *d'*, and such bars C' are connected at their inner ends by a cross-bar C<sup>2</sup> and between their outer ends by a cross-bar C<sup>3</sup>, such bars C<sup>2</sup> C<sup>3</sup> being formed centrally to engage and slide on a guide-rail E, secured to the under side of the top of the main section, the said rail serving to guide the section C as it is extended and retracted, and stops F being arranged on the main section for engagement by bar C<sup>3</sup> to limit the outward movement of the said section C.

Inasmuch as the section C is not provided at its outer end with legs, its frame is not fully drawn out when the said section is extended, but is only drawn out about one-half, the inner half of such frame bearing within the frame of the main section and serving to steady and brace the section C firmly in position.

In operation, if it is desired to only partially extend the table, the section D may be opened partially or wholly, and will be firmly supported by its legs in any position to which it may be adjusted. If a larger table is needed than is provided by sections A and D, the section C may be opened, such section being firmly braced by the arrangement of its frame with reference to the frame of the section A, and the weight of sections A and D serving to steady the whole table in position.

The main or center section, being made with solid unbroken side rails, prevents any sagging of the table at the center.

Where desired, one or both of the end sections may be provided with a drawer.

Having thus described my invention, what I claim as new is—

1. In a table, substantially as described, the combination of the main section A, having supporting-legs *a* and provided on the under side of its top with a guide-rail E, the section D, having at its outer end supporting-

legs  $d$  and provided with a frame having side bars  $d'$ , movable within the frame of the section A, and a cross-bar  $d^2$ , connecting the said side bars  $d'$ , and the extension-section C, having a frame movable into and out of the frame of section A and formed with side bars  $C'$ , which operate above cross-bar  $d^2$  and between the side bars  $d'$ , and with a cross-bar formed to engage and slide along the guide-rail E, all substantially as and for the purposes set forth.

2. In a table, the combination, with the main section A, having supporting-legs and provided on the under side of its top with a guide-rail E, of the extension-section C, having its frame movable into and out of the frame of section A and having a cross bar or

bars formed to engage and slide along the guide-rail E, substantially as and for the purposes set forth.

3. In a table, the combination of the main section A, having supporting-legs, the guide-rail E, held to the under side of the top of said section, the section C, having its frame movable into and out of the main section and provided with cross-bars  $C^2$   $C^3$ , arranged to slide along rail E, and the stop F, arranged to be engaged by the cross-bar  $C^3$ , all substantially as and for the purposes set forth.

LEWIS G. SMITH.

Witnesses:

I. W. SWEENEY,  
H. M. WALBRIDGE.