

(No Model.)

J. L. MOHUN.

DRAWING BOARD.

No. 414,067.

Patented Oct. 29, 1889.

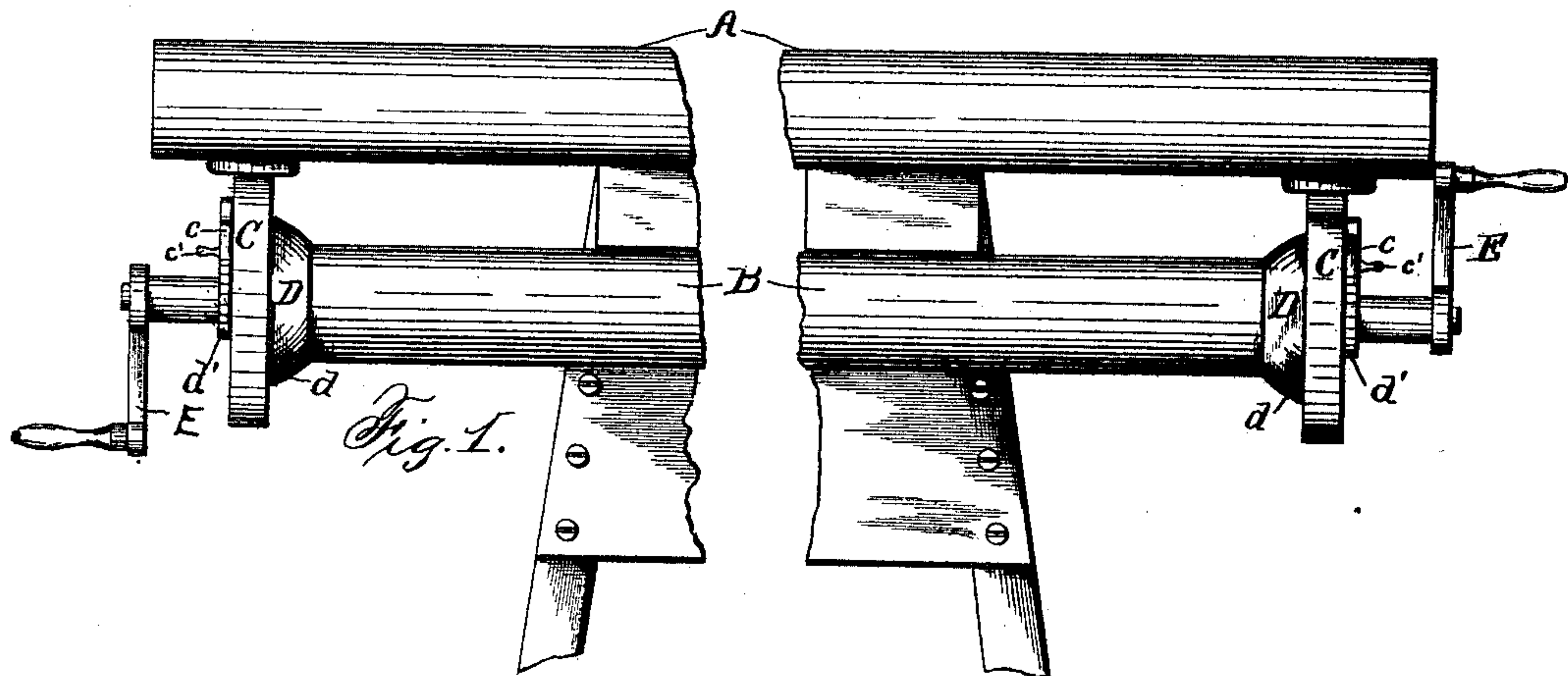


Fig. 2.

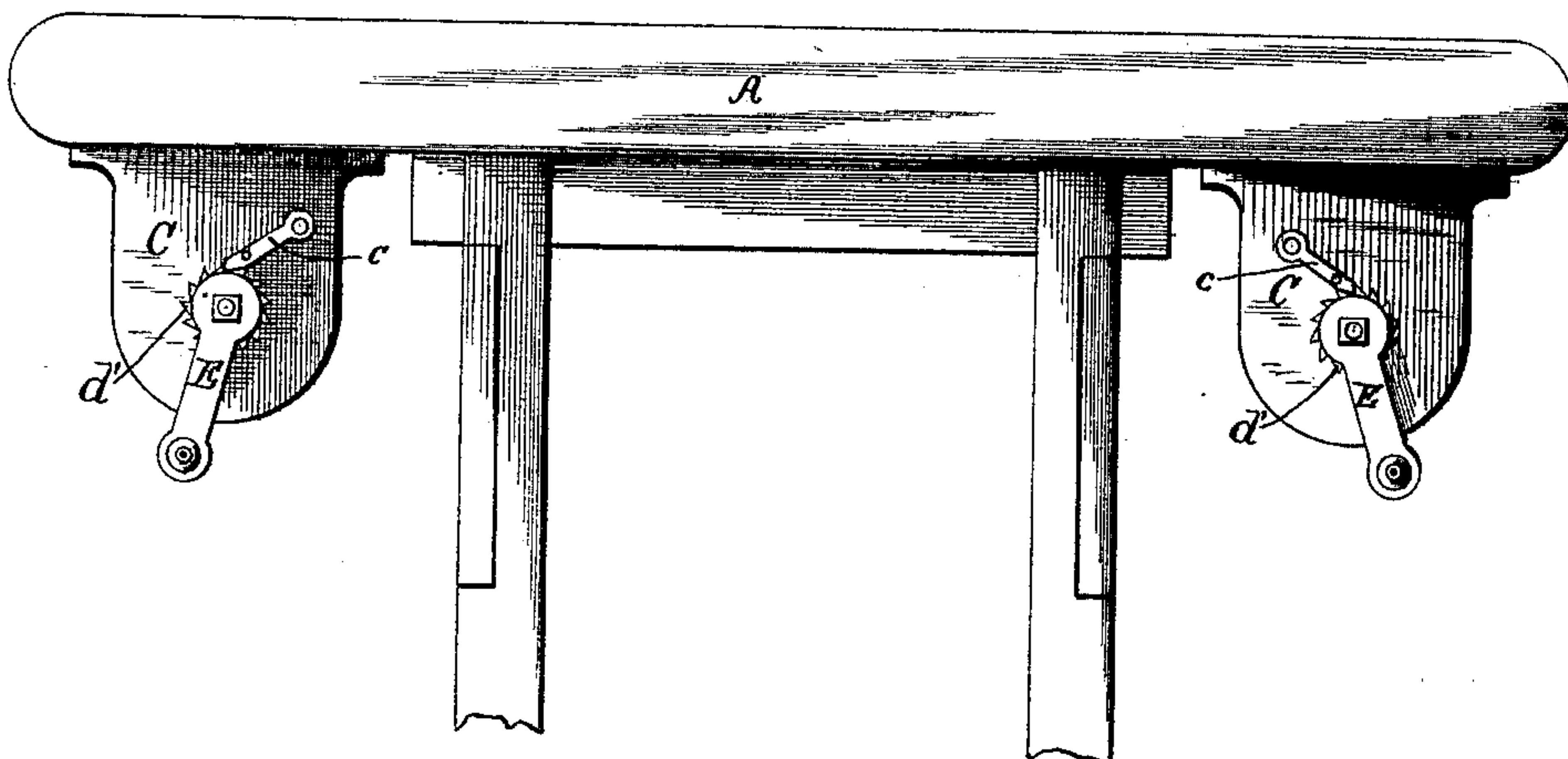
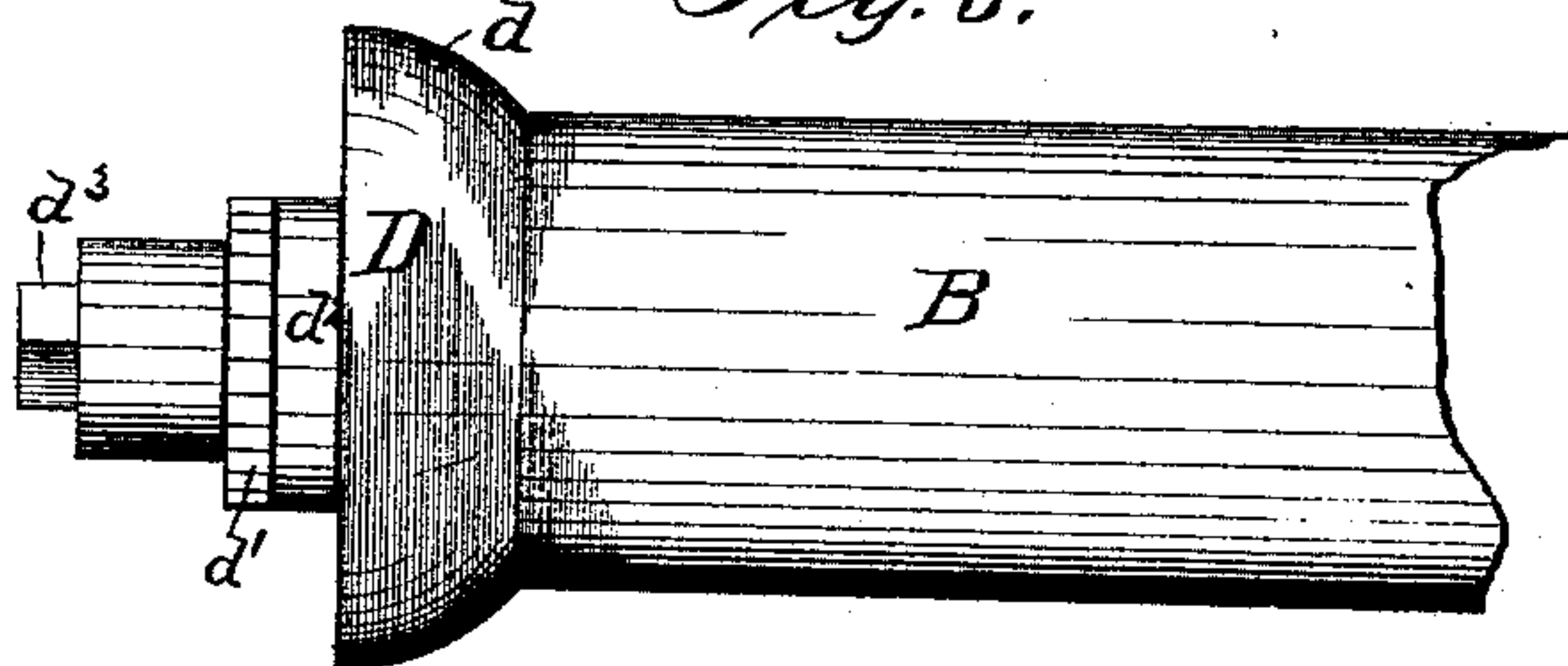


Fig. 3.



WITNESSES
H. B. Hyatt.
L. R. Miller

INVENTOR
John L. Mohun,
by Geo. P. Byington.
Attorney

UNITED STATES PATENT OFFICE.

JOHN L. MOHUN, OF WASHINGTON, DISTRICT OF COLUMBIA.

DRAWING-BOARD.

SPECIFICATION forming part of Letters Patent No. 414,067, dated October 29, 1889.

Application filed September 16, 1889. Serial No. 324,119. (No model.)

To all whom it may concern:

Be it known that I, JOHN L. MOHUN, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Drawing-Boards; 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 drawing-boards.

Heretofore in making maps and drawings of large size it has been necessary for the draftsman to climb upon the table in order to reach the different parts of the drawing-sheet. This I propose to obviate; and the object of my invention is to construct a new and improved apparatus that can be attached to a drawing-board of any size, whereby the drawing-sheet is attached to a roller at one end of the table and rolled upon a similar roller at the other end in order that the draftsman can always have his work within reach without the necessity of climbing upon the table; also, in a device attached to the ends of the roller, so that the paper can be drawn smooth at the edge and held in position while in use; and to this end the nature of my invention consists of constructions and combinations, all as will hereinafter be described in the specification, and particularly pointed out in the claims, reference being had to the accompanying drawings, in which—

Figure 1 is a front view of my improved drawing-board, the parts broken away; Fig. 2, a side view of the same, and Fig. 3 a side view of one of the rollers.

A represents a flat board supported in the usual manner and having a surface suitable for supporting paper or cloth in drawing. At its ends, and below the working-surface of the board, are arranged rollers B B', whose shafts turn in bearing-plates C, secured to and projecting from the under side of the board. On each end of the rollers is secured in any well-known manner a solid cap D, having a shoulder *d*, a ratchet *d'*, and a projecting end *d*² formed thereon. The shoulder *d* abuts against

the inner side of the bearing-plate C, and the ratchet *d'* projects through and beyond the bearing-plate and engages with a pawl *c*, having a handle *c'* and secured to the bearing-plate. The projecting end *d*² is squared at *d*³ to fit a key E, by which the roller is turned.

The drawing paper or cloth is attached to the roller B' by thumb-tacks or other means and rolled thereon. As the draftsman completes his drawing, he turns the key E and rolls the paper or cloth over the roller B, and the pawl *c* on the bearing-plate C and ratchet *d'* on the cap D hold the paper securely in place. If the paper or cloth is slack or rumpled on either side, the draftsman raises the pawl on said side by means of the handle *c'*, and revolves the roller as many notches as is necessary to tighten or smooth the paper, and then releases the pawl, which immediately drops into the notches on the ratchet and holds the paper in position.

Having described my invention, what I claim is—

1. In a drawing-board, the combination of the table A, bearing-plates C, having a pawl *c*, and the rollers B B', having ratchet *d'* on their end, substantially as set forth.

2. In a drawing-board, the combination of the table A, bearing-plates C, having a pawl *c*, and the rollers B B', revolving in said bearing-plates and having a cap D, provided with a shoulder *d*, ratchet *d'*, and projecting end *d*², substantially as set forth.

3. In a drawing-board, the combination of the table A, bearing-plates C, having a pawl *c*, rollers B B', having a cap D, provided with a shoulder *d*, which abuts against the inner side of the bearing-plate; a ratchet *d'*, projecting through and beyond the bearing-plate, and a squared projecting end *d*², and the key E, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN L. MOHUN.

Witnesses:

GEO. R. BYINGTON,
M. F. HALLECK.