

(No Model.)

M. LESSER.
TABLE.

No. 563,668.

Patented July 7, 1896.

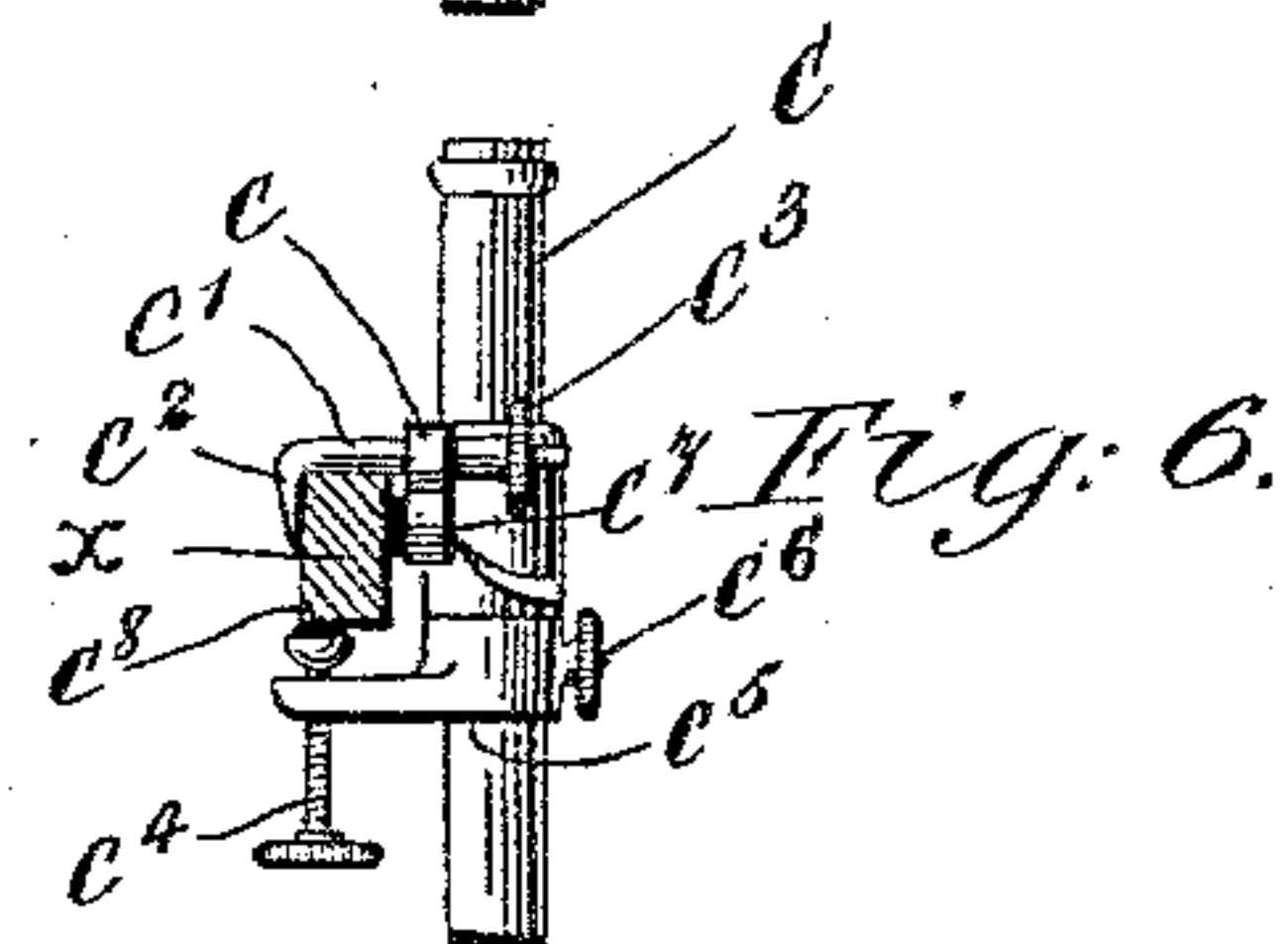
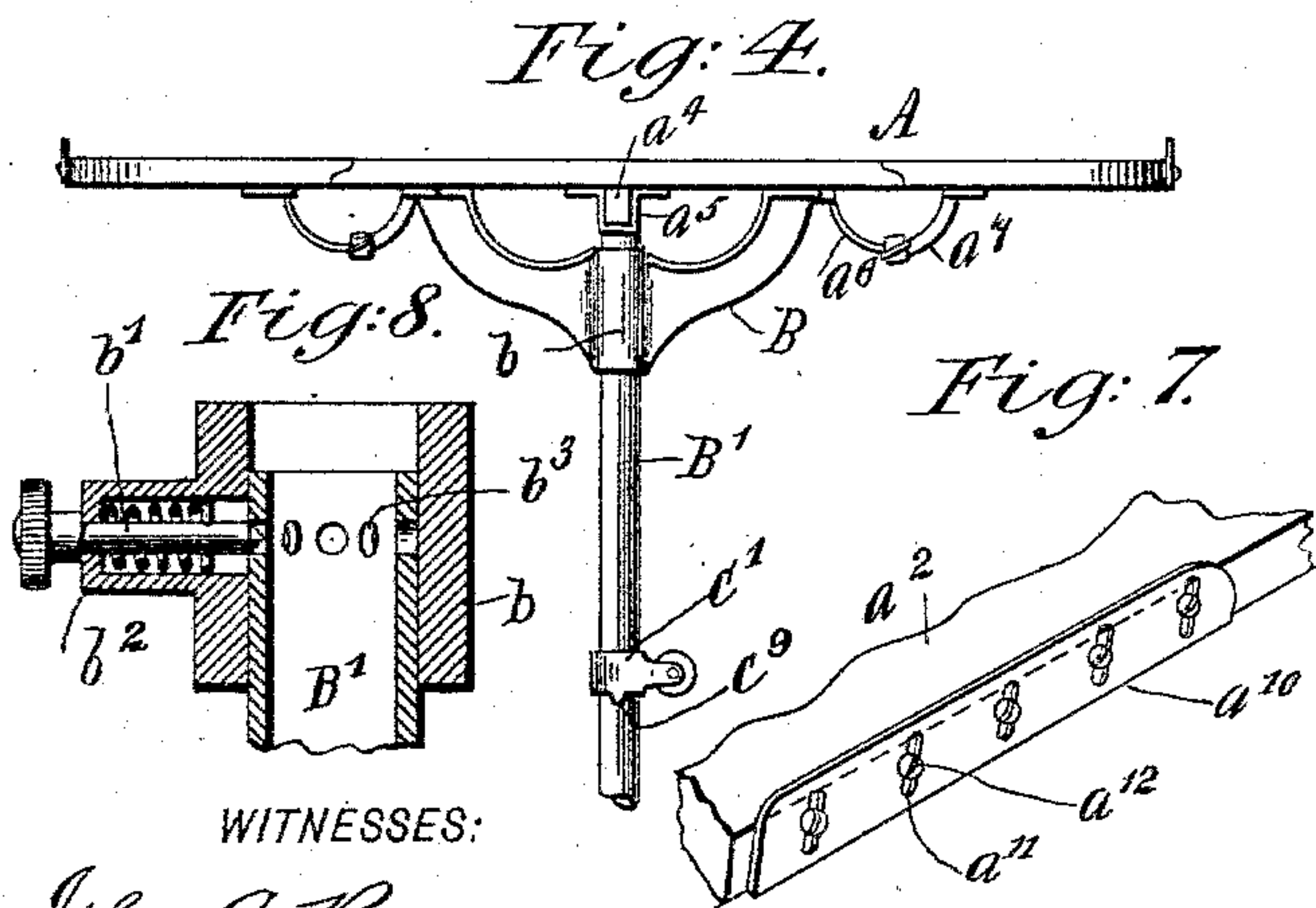
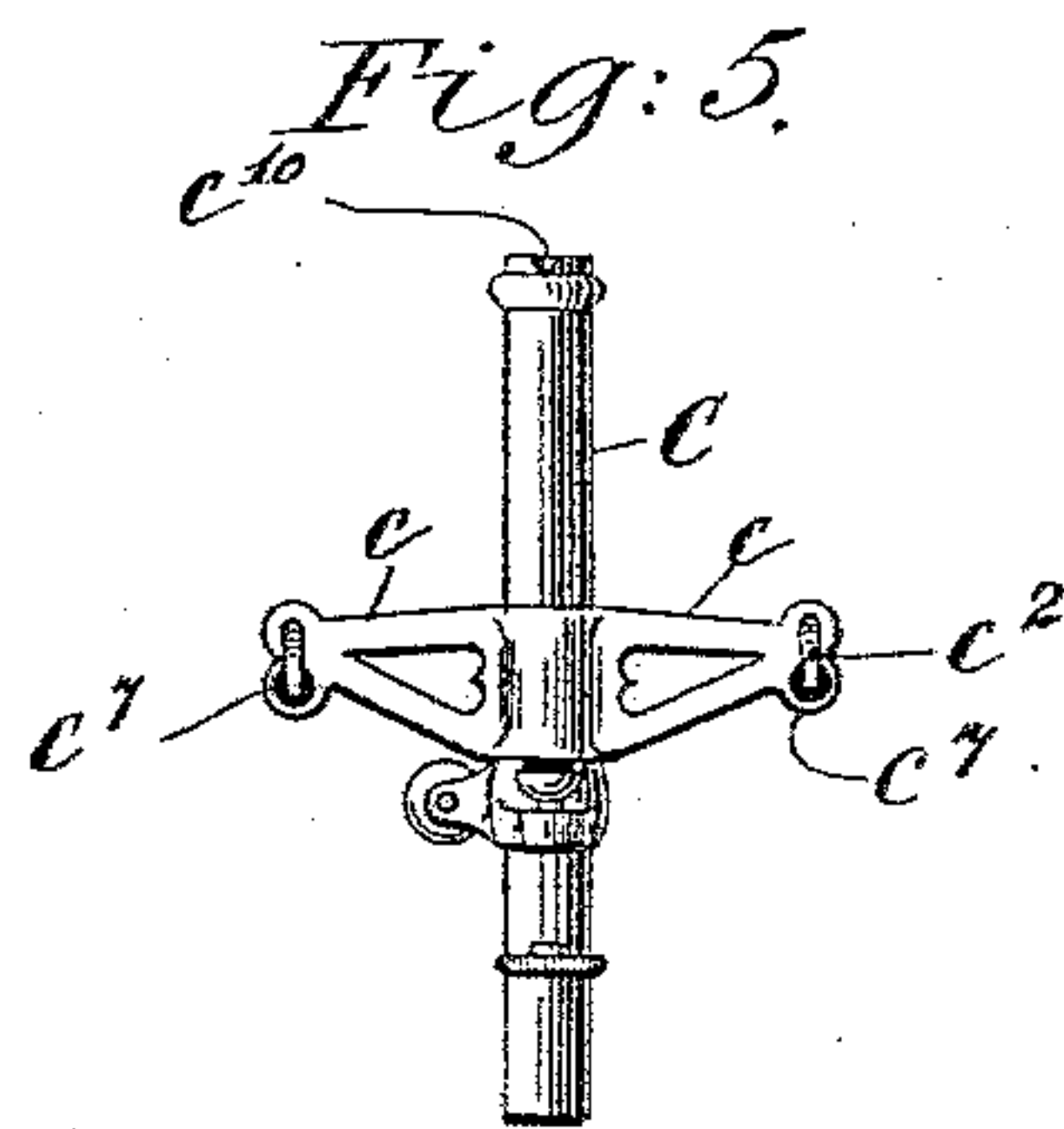
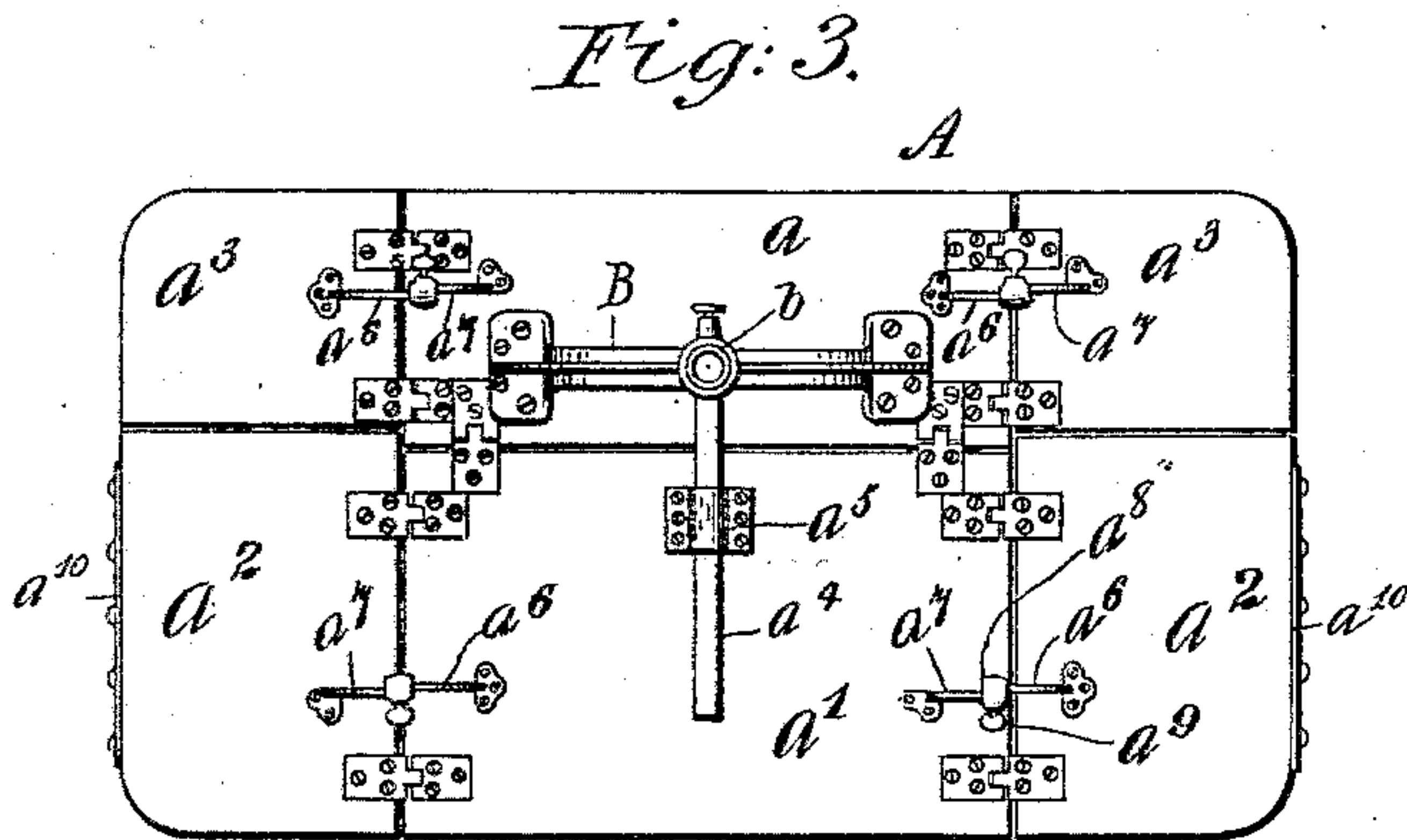
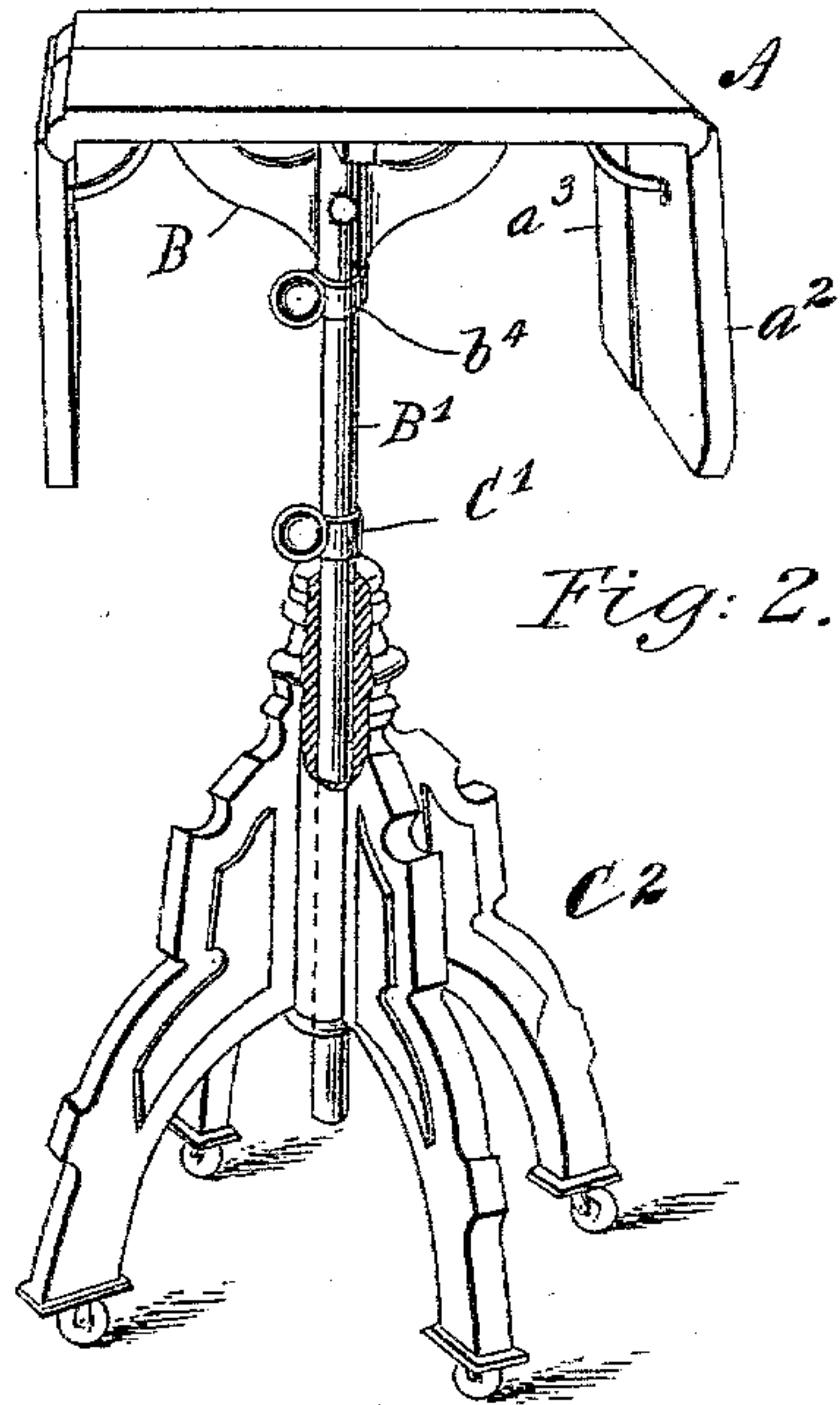
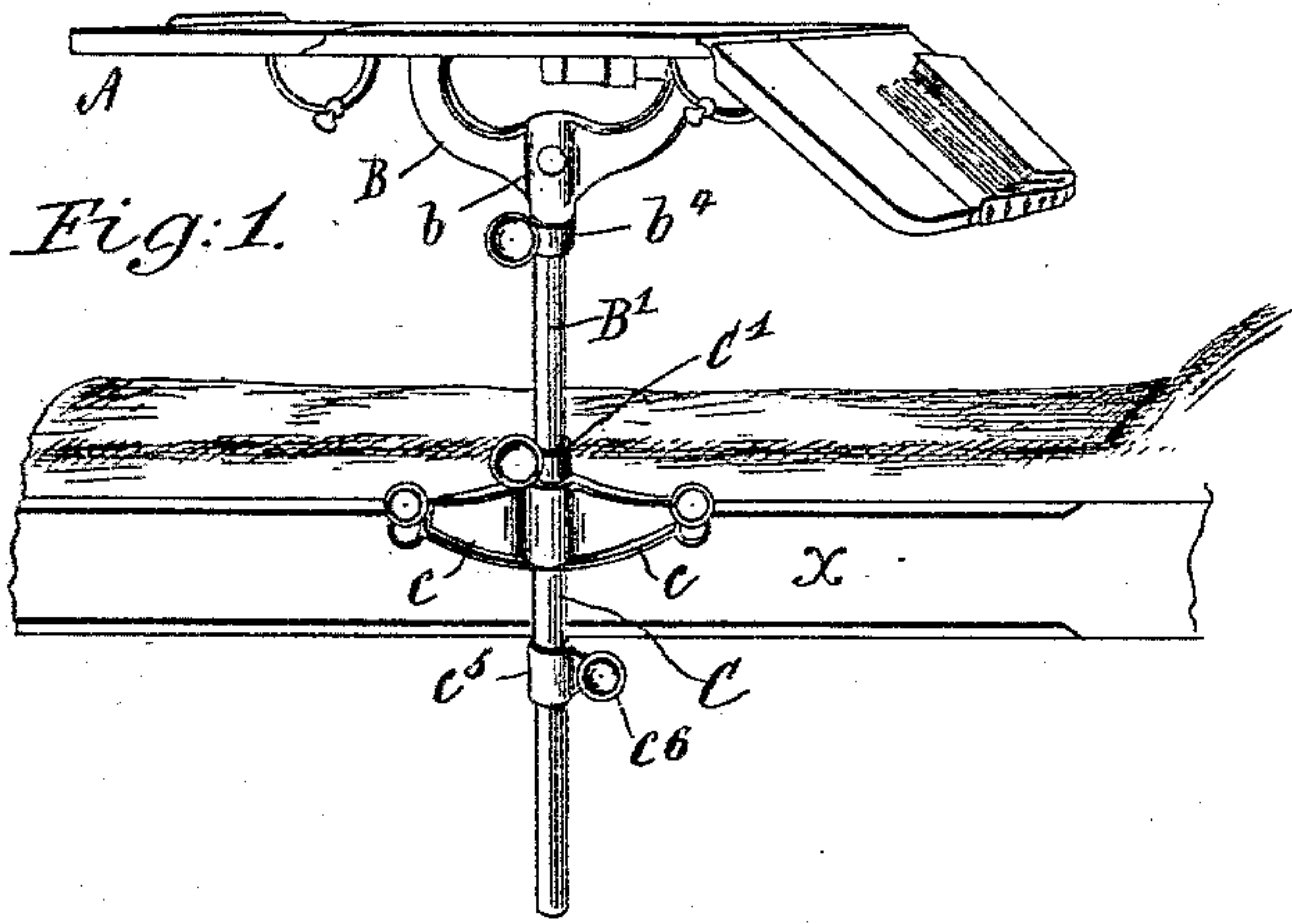


Fig: 8.

WITNESSES:
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UNITED STATES PATENT OFFICE.

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TABLE.

SPECIFICATION forming part of Letters Patent No. 563,668, dated July 7, 1896.

Application filed June 28, 1895. Serial No. 554,338. (No model.)

To all whom it may concern:

Be it known that I, MAX LESSER, of Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Tables, of which the following is a full, clear, and exact description.

This invention relates more particularly to tables for the use or convenience of invalids, the object being to provide a simple and durable table designed to be attached to a bedstead or other suitable support convenient to an invalid or sick person, and so constructed that it may be readily adjusted and changed to make it serviceable for a dining-table, a table upon which games may be played, or for a reading or writing table.

The invention consists in the construction and novel arrangement of parts, as will be hereinafter set forth, and more particularly pointed out in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a table embodying my invention and showing it as attached to a bedstead. Fig. 2 is a perspective view showing the table as attached to a portable or movable base. Fig. 3 is a bottom plan view of the table. Fig. 4 is an edge view thereof, showing the several sections of the top extended in one horizontal plane. Fig. 5 is a front view of a clamping device employed. Fig. 6 is an edge view thereof. Fig. 7 is a detail view, on an enlarged scale, of a book-stop employed; and Fig. 8 is a detail view, on an enlarged scale, showing a locking device employed.

Referring by reference-characters to the drawings, A designates the table-top, comprising what may be termed the "fixed" portion or bed a and a number of hinged leaves. I have here shown five hinged leaves a' , a^2 , and a^3 , but it is to be understood that there may be a greater or less number without departing from the spirit of my invention.

The leaf a' is hinged to one side edge of the portion a , the leaves a^2 are hinged, respectively, to the ends of the leaf a' , and the leaves a^3 are respectively hinged to the ends of the portion a .

The leaf a' is designed to be maintained on a level plane with the portion a or to swing down at right angles thereto. To maintain it on a level plane with the portion a , I may employ a keeper or bar a^4 , movable in a slide-way a^5 , secured to the under side of the leaf a' , and adapted to extend and bear against the fixed portion a , as plainly shown in Fig. 3. When it is desired to lower the leaf a' , the keeper a^4 may be drawn out of engagement with the portion a .

As a means to secure the leaves a^2 or a^3 at any desired angular adjustment with relation to the part to which they are hinged, I employ braces, each comprising curved sections a^6 a^7 , secured at one end to the respective parts, as plainly indicated in the drawings. One section, a^7 , has a socket a^8 at its end, through which the section a^6 is movable, and a thumb-screw a^9 , extended through a tapped hole in the wall of the socket and adapted to impinge against the other section, serves to lock the parts as adjusted.

To the edge of one or more of the leaves I attach a book-stop a^{10} , consisting of any suitable material, such, for instance, as a thin strip of metal, and for obvious reasons I prefer to make the stop movable with relation to the part to which it is attached, so that it may be moved to a position with its upper edge projected above the top of the part to which it is attached, and so that it may be moved with its upper edge below or on a plane with the top surface. With this end in view I provide the stop with a series of transverse slots a^{11} , through which screws a^{12} or the like extend into the wood of the leaf.

A yoke B is attached to the under side of the fixed portion a of the table-top, and this yoke is provided with a socket b , into which the upper end of a tubular standard or rod B' is extended. The socket b engages loosely on the standard B' , so that the table-top A may be rotated on said standard, and as a means to secure the table at a desired rotary adjustment I employ a locking device, here shown as a spring-impelled pin b' , movable in a housing b^2 on the socket b and adapted to engage its end into one of an annular row of holes b^3 in the standard B' . To relieve the pin b' from the weight of the table A and to

provide a base upon which the end of the socket *b* may rest and rotate, I may employ a screw-clamped collar *b*⁴ on the standard *B*'.

C is a sleeve through which the standard *B*' is vertically movable and adjustable. This has means for clamping it to the side rail *x* of a bedstead, consisting, as here shown, of oppositely-extended arms *c*, each having movable, through a hole in its end, a bolt *c*¹, having a hook end *c*² adapted to engage the inner upper surface of the rail *x*. The body portion of each bolt *c*¹ is screw-threaded, and a clamping-nut *c*³ is engaged thereon and bears against the outer side of the arm *c*. A vertically-operating screw *c*⁴ is engaged in an arm extended from a collar *c*⁵, adjustable on the sleeve C, and held as adjusted by means of a set-screw *c*⁶. To prevent the clamping device from scratching or defacing the rail *x*, I provide the inner faces of the arms *c* with buffers *c*⁷, of rubber or similar material, and the upper end of the screw *c*⁴ with a similar buffer *c*⁸, seated in a cup-shaped receptacle on the screw.

To secure any desired vertical adjustment of the standard *B*' with relation to the sleeve C, a screw-clamped collar *C*' is adjustably mounted on the standard and designed to rest on the upper end of the sleeve, and to prevent a rotary movement of the standard with relation to the sleeve the collar *C*' is provided with a lug *c*⁹, adapted to enter a notch *c*¹⁰ in the upper end of the sleeve.

When it is desired to use the device as a portable table or table movable about the

room as an ordinary table, the sleeve C may be removed from the standard and the said standard inserted in a socket formed in a base *c*², which may be of any desired ornamental design and provided with rollers.

It will be seen that I have provided a strong and serviceable table, capable of several adjustments to adapt it for many uses.

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

1. A table, comprising a top having hinged sections, a standard on which the top may rotate, a sleeve, in which the standard is vertically adjustable, oppositely-extended arms on the sleeve, clamping devices carried by the arms, and comprising threaded bolts and clamping-nuts, a vertically-operating clamping-screw and a collar adjustable on the sleeve and carried by the screw, substantially as specified.

2. The combination, with the table-standard, of the sleeve in which the standard is adjustable, arms on said sleeve, clamping devices carried by the arms, buffers carried by the arms, a clamping-screw, a collar supporting said screw and adjustable on the sleeve relatively to the arms extended from the sleeve, and a buffer on the end of said screw, substantially as specified.

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Witnesses:

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JOHN E. PINKHAM.