B. J. BUCKINGHAM.

DRESSMAKER'S FITTING STAND.

APPLICATION FILED FEB. 20, 1909.

963,355.

Patented July 5, 1910.

2 SHEETS—SHEET 1.

Fig. 1

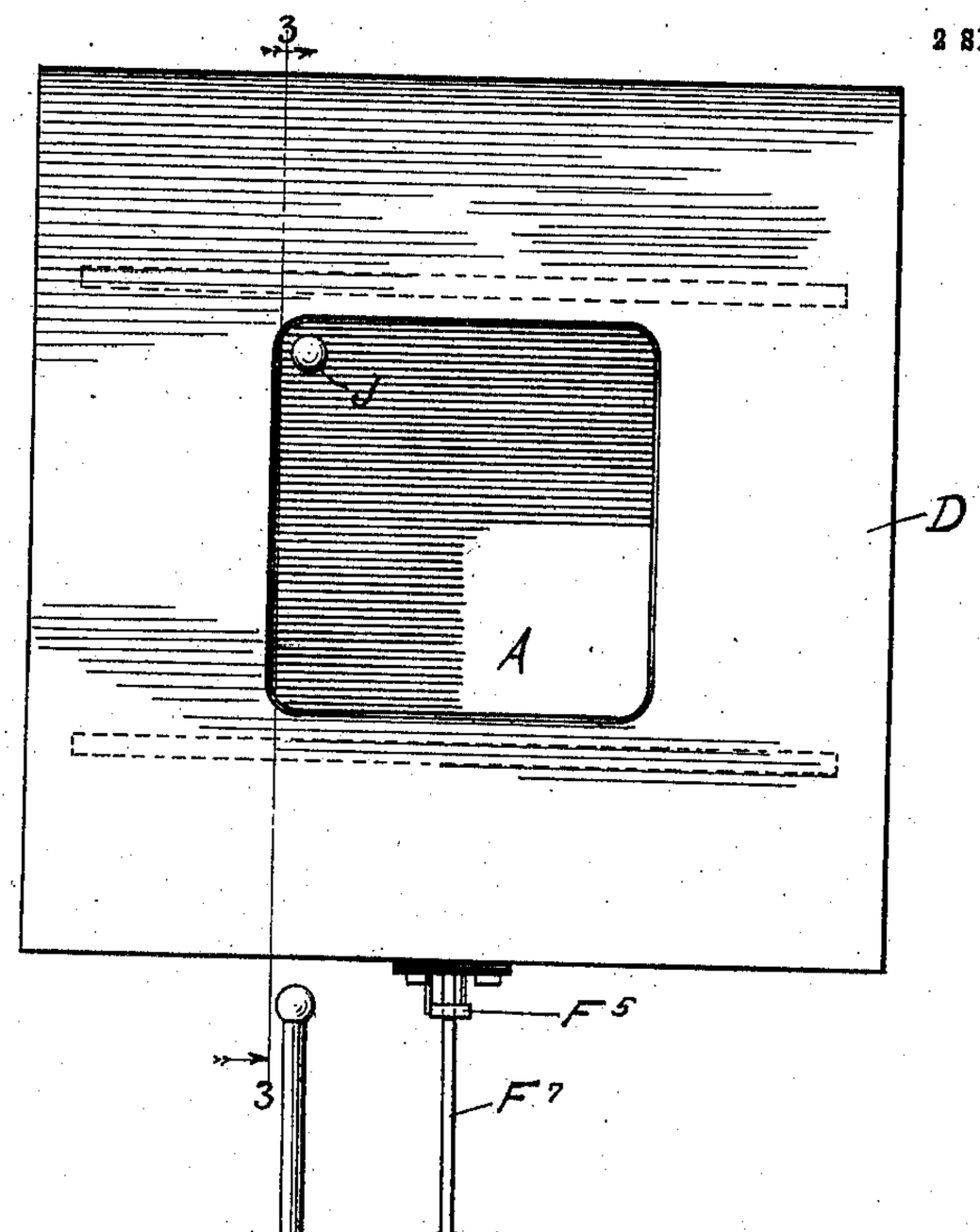
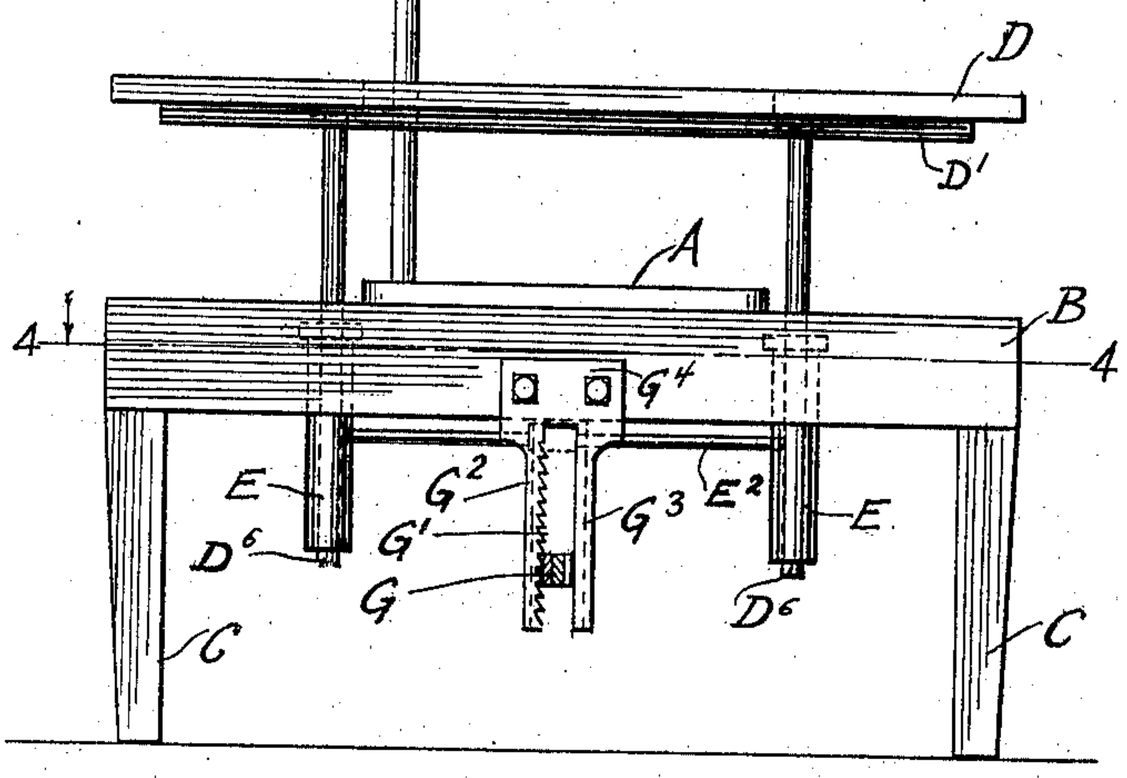


Fig. 2



Witnesses:
Fred. K. Schad.
Sophie B. Werner.

Inventor:
Benjamin J. Buckingham.
By Parker & Carter
Attorneys.

B. J. BUCKINGHAM.

DRESSMAKER'S FITTING STAND.

APPLICATION FILED FEB. 20, 1909.

963,355.

Patented July 5, 1910.

2 SHEETS—SHEET 2.

Fig. 4

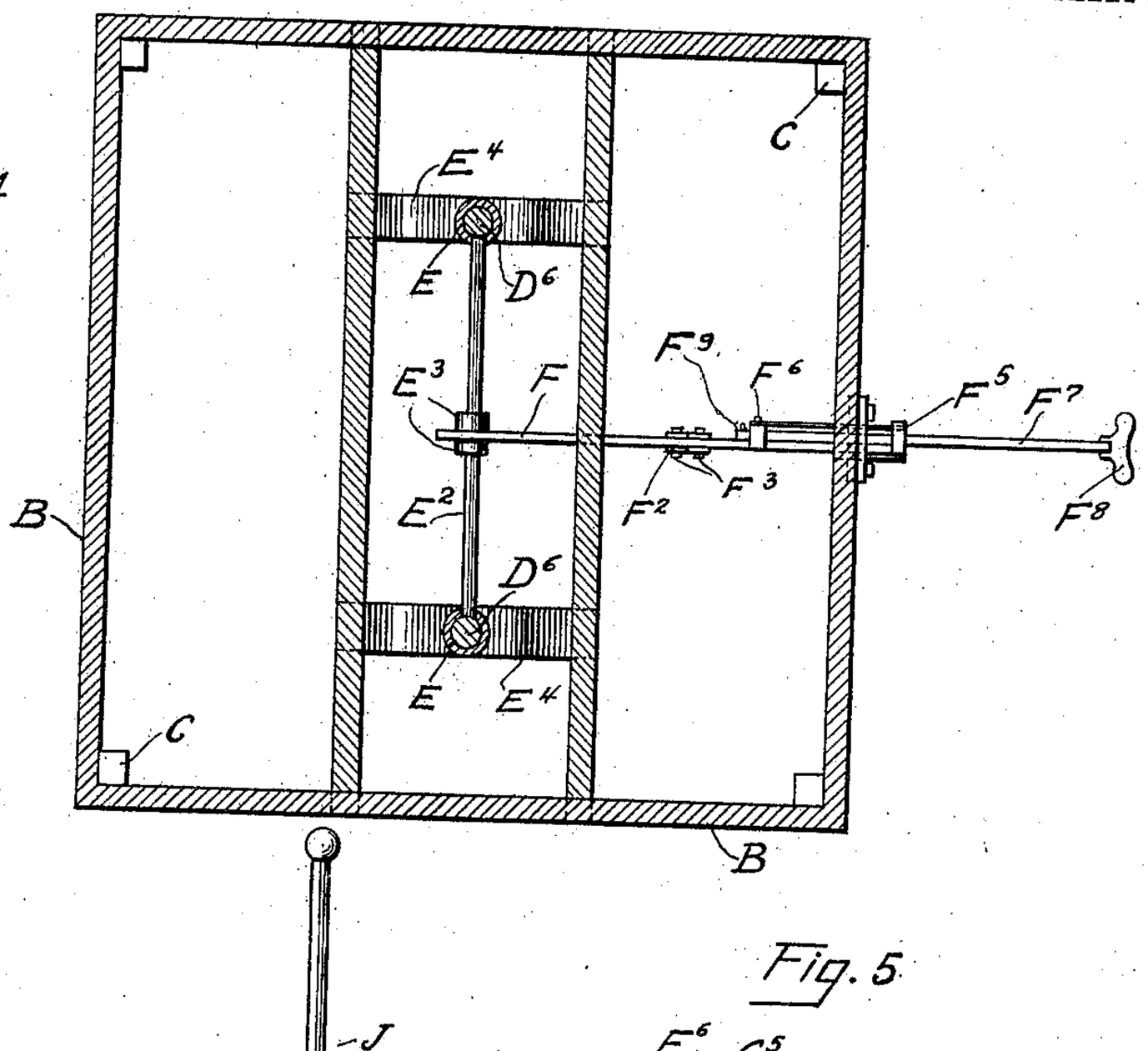


Fig. 5

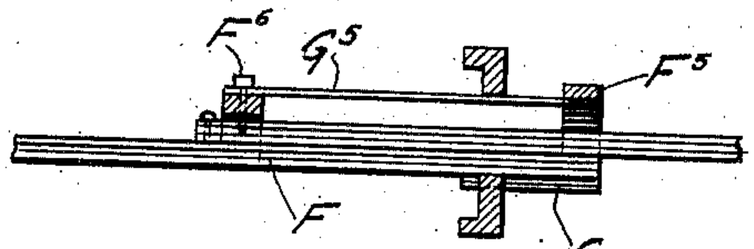
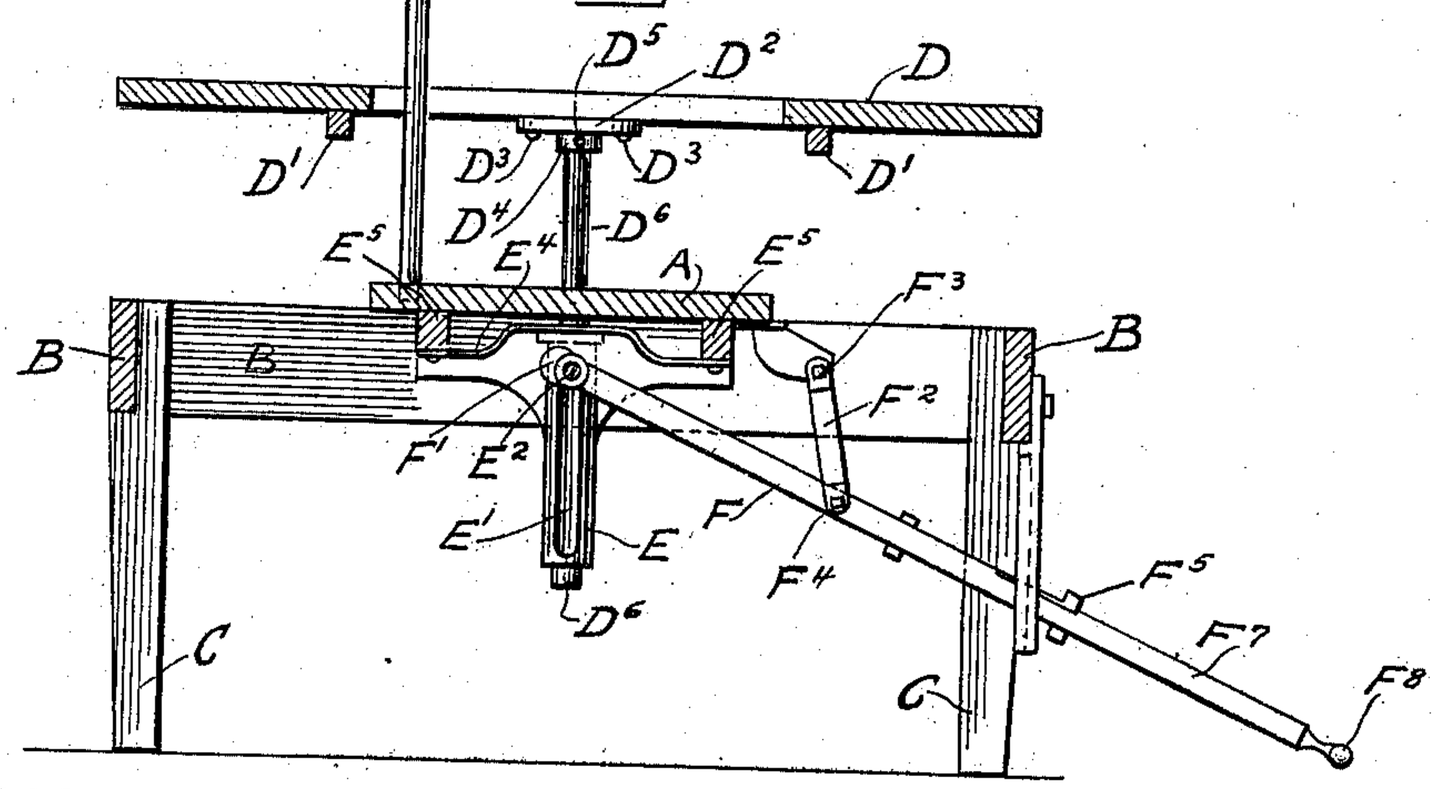


Fig. 3



Witnesses:

Fred. L. Schad.

Sophie B. Werner.

Inventor:

Benjamin J. Buckingham

By Parker & Carter

Attorneys.

UNITED STATES PATENT OFFICE.

BENJAMIN J. BUCKINGHAM, OF CHICAGO, ILLINOIS, ASSIGNOR TO BUCKINGHAM-RAE COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

DRESSMAKER'S FITTING-STAND.

963,355. Specification of Letters Patent. **Patented July 5, 1910.**

Application filed February 20, 1909. Serial No. 479,016.

To all whom it may concern:

Be it known that I, BENJAMIN J. BUCKINGHAM, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Dressmakers' Fitting-Stands, of which the following is a specification.

My invention relates to dressmakers' fitting tables. It is illustrated in the accompanying drawings, wherein—

Figure 1 is a plan view, Fig. 2, a side elevation with parts shown in cross section and others in dotted lines; Fig. 3, a section on the line 3—3 of Fig. 1; Fig. 4, a horizontal section on the line 4—4 of Fig. 2, and Fig. 5, a detail of the operating lever.

Like parts are indicated by the same letter in all the figures.

A is a fixed central table mounted on the frame B which is supported on the legs C, C.

D is a movable table shaped substantially as shown and surrounding the fixed table A. It normally rests upon the frame B. It is provided with two transverse strengthening ribs D^1 D^1 and with two socket pieces D^2, each secured to the table by two screws D^3 and each provided with a socket D^4 in which is secured by the pin D^5 the downwardly depending rod D^6. Each of these rods is received into a long bearing E provided on its inner side with the long slot E^1 and the two rods D^6 are connected by the transverse bar E^2 which extends through and is adapted to travel up and down in the slots E^1. On the rod E^2 centrally disposed are the two collars E^3. The long bearings E are secured to the brackets E^4 which are attached to the transverse frame bars E^5 E^5. The lever arm F is provided with an opening F^1 to receive the rod E^2. This lever F is kept from lateral movement on the rod E^2 by the collars E^3 and is pivotally suspended by the link F^2 secured to the frame at F^3 and to the lever at F^4. It is also provided with two loops F^5, F^6 which provide a sliding connection between the lever F and the extension lever F^7 which has the handle F^8 at its outer end and the stop F^9 at its inner end. The lever and the extension lever constitute the operating lever. The lever F is provided near its outer end with an outwardly projecting sharp edged engaging piece G adapted to be received into the ratchet teeth G^1 on the downwardly depending bar G^2 which is associated with the bar G^3, the two attached together and to the frame by means of the plate G^4. Between these two bars G^2 and G^3 the operating lever is vertically movable. G^5 is a spring associated therewith and secured to the loops so as to bear against the inner surface of the bar G^3. Thus the parts are held normally in the position indicated in Figs. 2 and 5.

J is a standard on the table A.

It will be understood that the details of construction as I have shown them can be greatly varied without departing from the spirit of my invention.

My drawings are in a sense to be taken as diagrammatic and intended simply to illustrate one form of the structure in which my invention is embodied.

I do not wish to be limited to the particular forms and structures shown, but I shall point out in my claims the essential features which I desire to cover.

The use and operation of my invention are as follows: In the dressmaking art it is desirable to have the person who is to be fitted, stand upon a platform and to have the floor, so to speak, about such standing person adjustable to determine the length of the skirt. It is, of course, desirable to have for this purpose an easily manipulated table, the movable portion of which can be made to rise and fall readily and which will remain in position. In my invention the operating lever is made extensible so that it can be easily drawn out to give a proper leverage for the operator and so that it can be pushed in to be out of the way. It is connected to the elevating rods on the movable table intermediate their bearings for, of course, it will be understood that the bearing surfaces of these rods are at the ends of the open slot. Thus the tendency of these rods to cramp in their bearings is minimized. The extensible lever is pivotally suspended on a movable fulcrum so as to cause it to easily accommodate itself to the varying positions of the table which it is operating. The lock for the lever and table consists of the spring and opposed locking ratchet whereby some movable portion, as, for example, the operating lever is automatically forced into a locked relation with a fixed portion and is there automatically held so as to avoid the accidental disengagement of these parts which would re-

sult in the dropping of the movable table from its elevated position to the frame. This is an accident which frequently occurs in dressmaking establishments. These locking or engaging portions I have shown on the outside of the frame but in practice it is my intention to put them on the inside of the frame so that together with the rest of the operating parts they will be covered and hidden by the tables. This would leave only the projecting handle which, of course, must be within reach of the operator.

I claim:

1. A dressmaker's fitting stand comprising a central fixed table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a movable fulcrum on which it is suspended from the frame, an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum, and an extension part of the handle slidably mounted on such operating lever.

2. A dressmaker's fitting stand comprising a central fixed table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum, and an extension part of the handle slidably mounted on such operating lever.

3. A dressmaker's fitting stand comprising a central fixed table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, and a fulcrum on which it is suspended from the frame.

4. A dressmaker's fitting stand comprising a central fixed table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, and an automatically operating lock.

5. A dressmaker's fitting stand comprising a central fixed table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, and an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum.

6. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a movable fulcrum on which it is suspended from the frame, an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum, and an extension part of the handle slidably mounted on such operating lever.

7. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum, and an extension part of the handle slidably mounted on such operating lever.

8. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, and a fulcrum on which it is suspended from the frame.

9. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves

on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, and an automatically operating lock.

10. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, depending elevating rods attached to the movable table, slotted bearing sleeves on the frame to receive such rods, a cross bar passing through such slots and connecting the rods between their bearings, an operating lever connected with the cross bar at one end, a fulcrum on which it is suspended from the frame, and an automatically operating lock comprising a spring and an opposed ratchet bar on the frame to connect the lever therewith on the other side of the fulcrum.

11. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, elevating rods attached to the movable table, a continuous cross bar besaid rods and an operating lever pivoted on the frame and connected by means of said bar with the elevating rods between their bearings.

12. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, elevating rods attached to the movable table, a continuous cross bar between said rods and an operating lever pivoted on the frame and connected by means of said bar with the elevating rods between their bearings, said lever provided with an extension handle portion.

13. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, elevating rods attached to the movable table, and an operating lever pivoted on the frame and connected with the elevating rods between their bearings, said lever mounted on a movable fulcrum suspended from the frame.

14. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, elevating rods attached to the movable table, a continuous cross bar between said rods and an operating lever pivoted on the frame and connected by means of said bar with the elevating rods between their bearings, said lever provided with an automatic locking device to fix it in various positions.

15. A dressmaker's fitting stand comprising a fixed center table, a surrounding movable table, a frame on which they are both mounted, elevating rods attached to the movable table, and an operating lever pivoted on the frame and connected with the elevating rods between their bearings, said lever provided with an automatic locking device to fix it in various positions, consisting of an opposed spring and ratchet between which the lever is mounted.

BENJAMIN J. BUCKINGHAM.

Witnesses:

EDNA K. REYNOLDS,

SOPHIE B. WERNER.