

No. 811,268.

PATENTED JAN. 30, 1906.

J. J. BAIR.
FITTING STAND FOR DRESSMAKERS, &c.
APPLICATION FILED JAN. 30, 1905.

2 SHEETS—SHEET 1.

Fig. I.

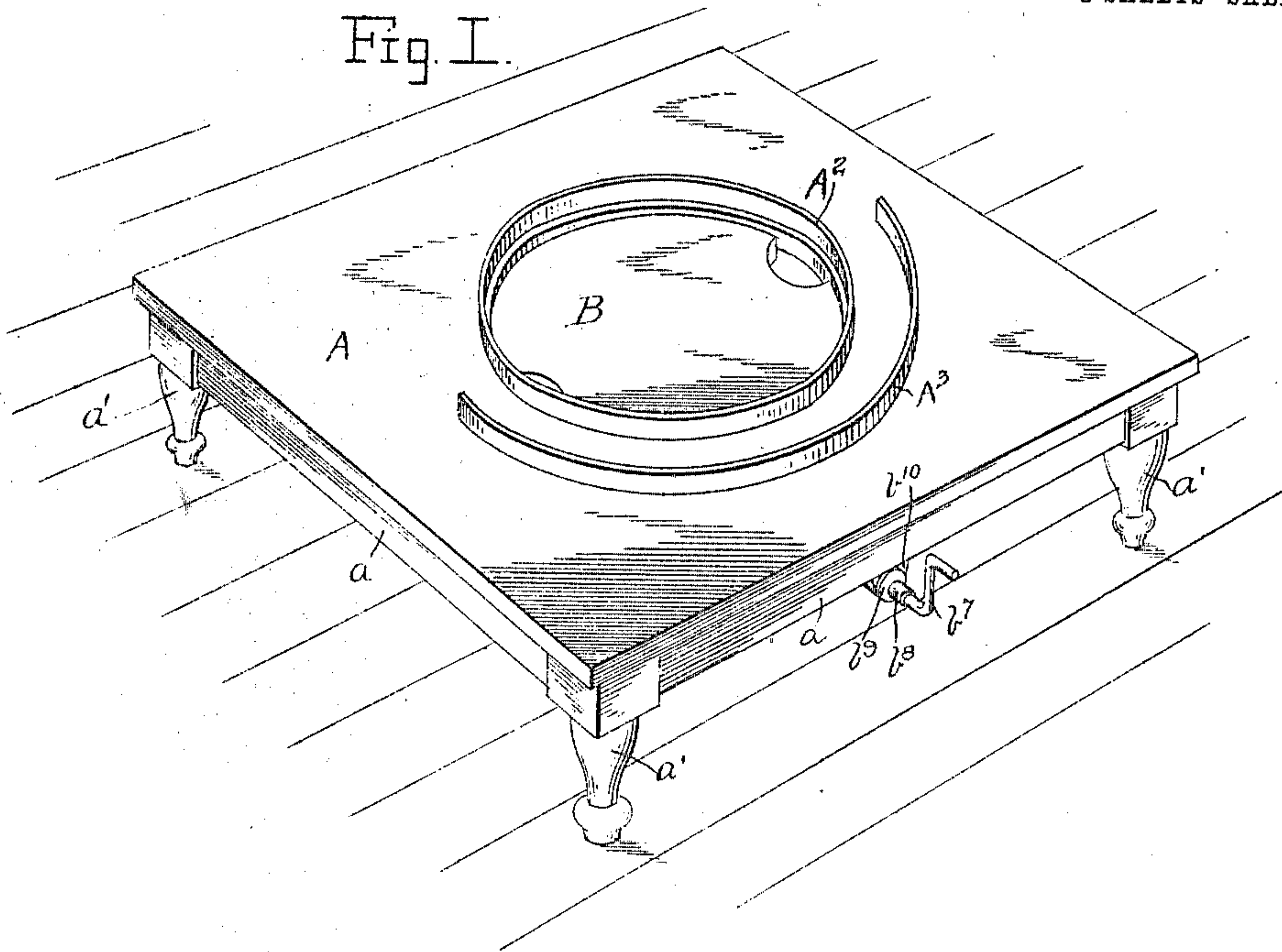
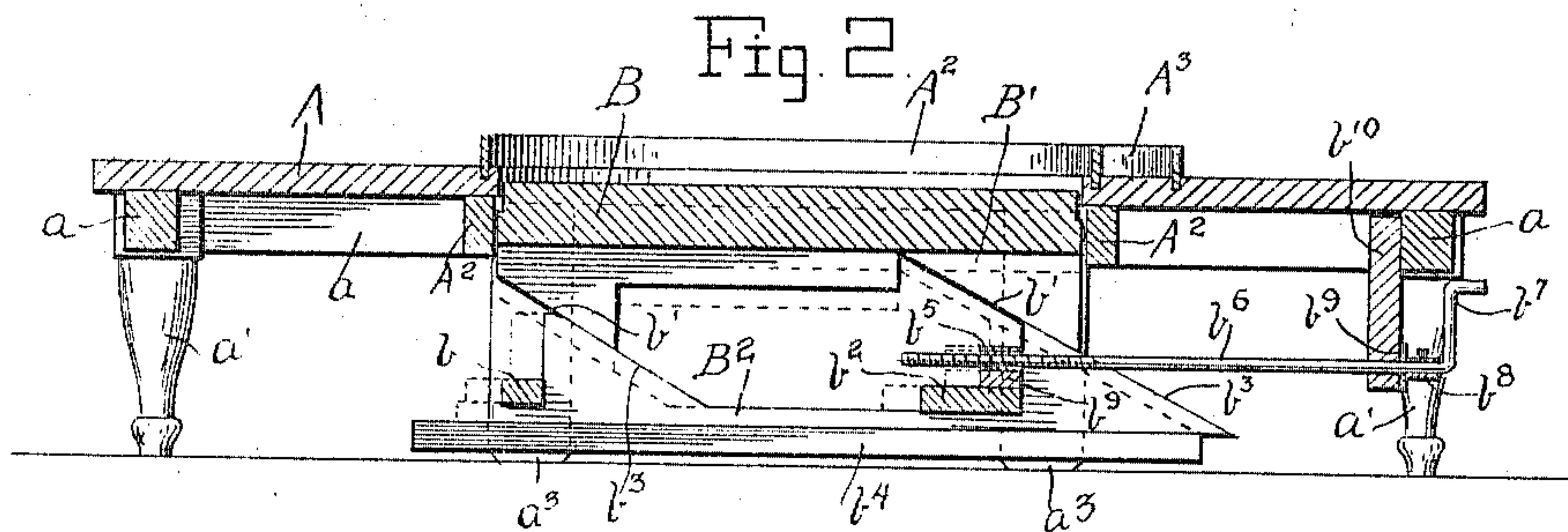


Fig. 2



Witnesses
C. H. Reichenbach.
M. A. Ramey.

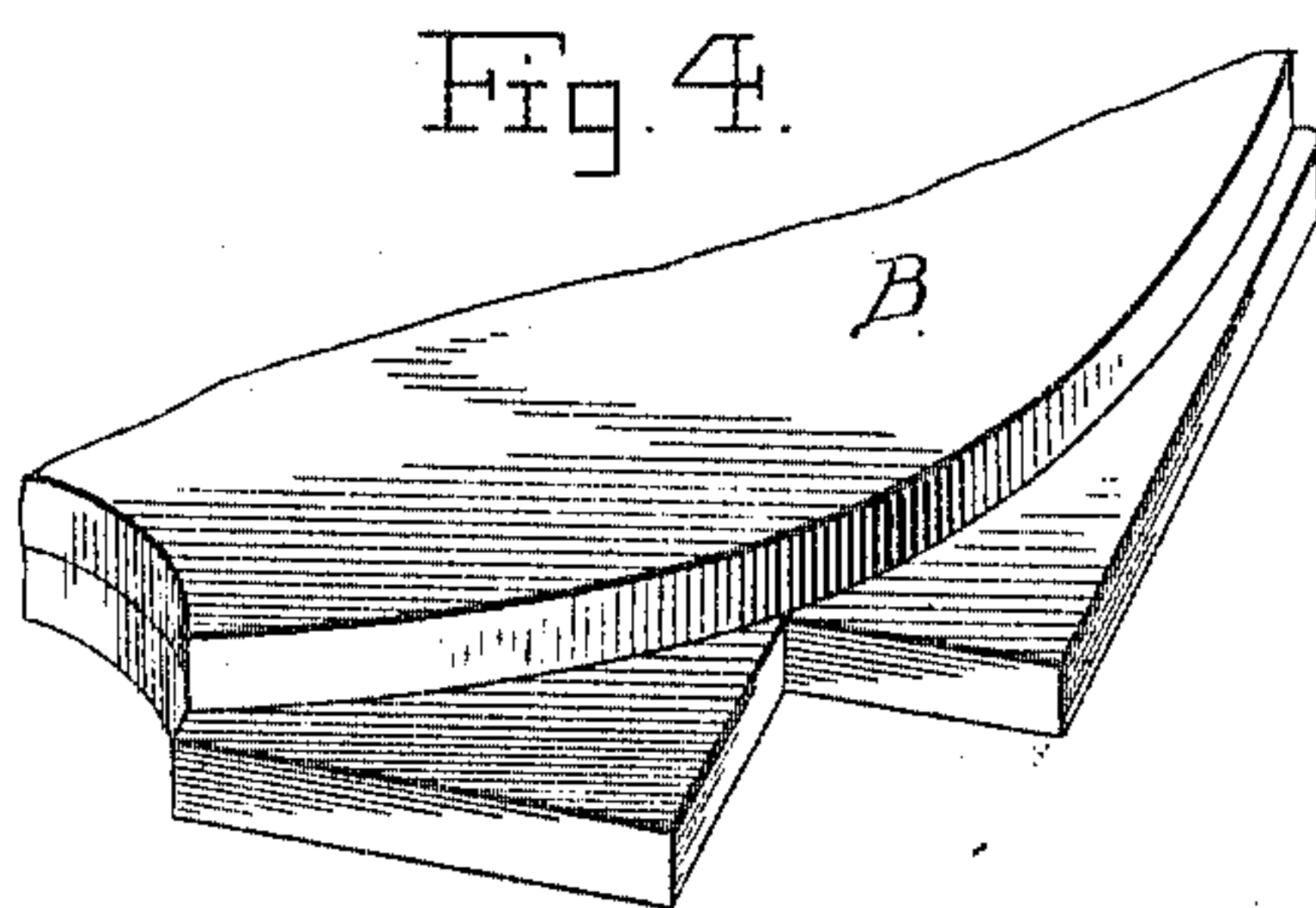
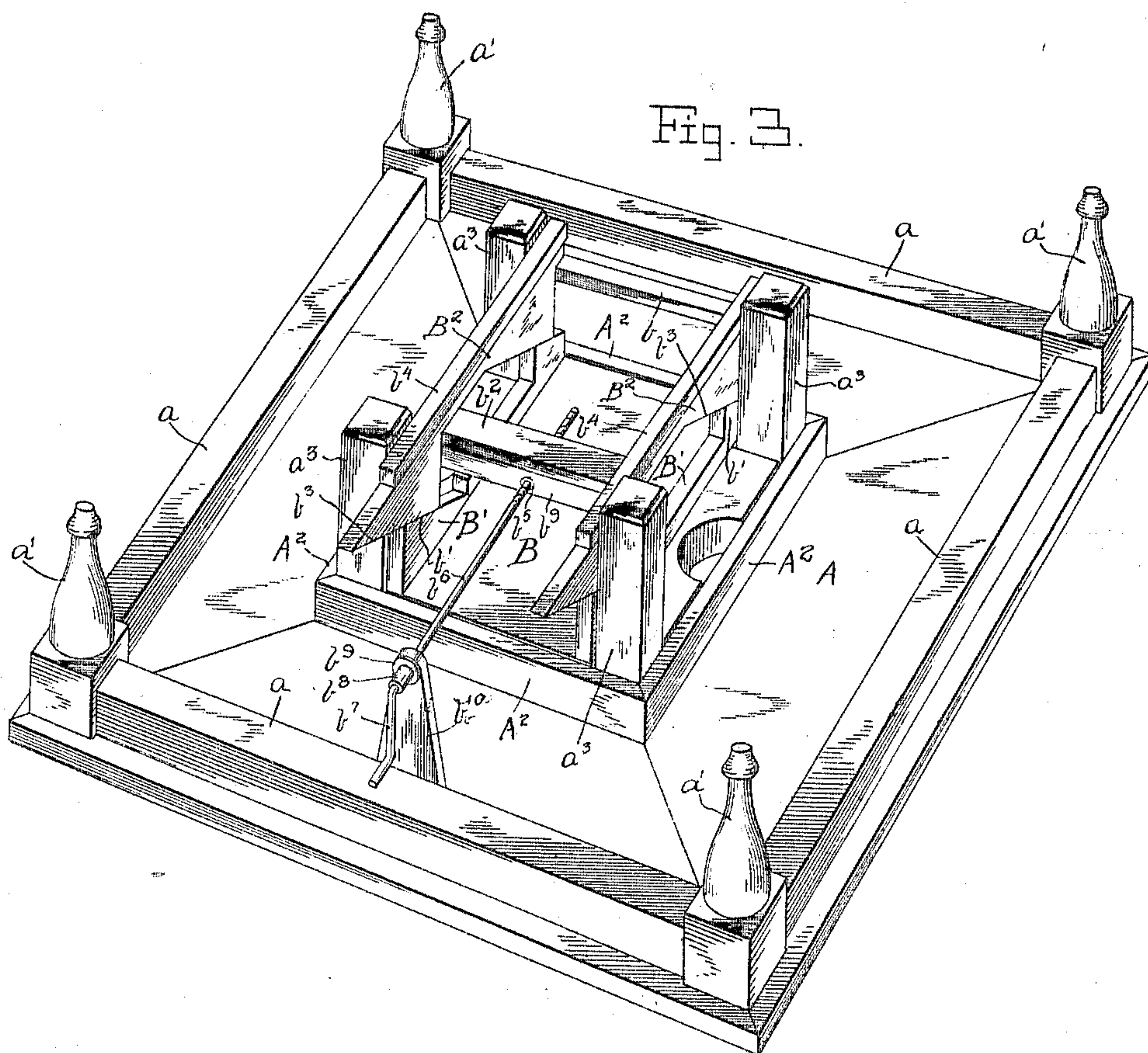
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C. H. Reichenbach.
M. A. Raney.

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UNITED STATES PATENT OFFICE.

JOHN J. BAIR, OF LANCASTER, PENNSYLVANIA.

FITTING-STAND FOR DRESSMAKERS, &c.

No. 811,268.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed January 30, 1905. Serial No. 243,297.

To all whom it may concern:

Be it known that I, JOHN J. BAIR, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Fitting-Stands for Dressmakers, &c., of which the following is a specification.

My said invention relates to an improved construction of stands for use by dressmakers, skirt and suit manufacturers, and retailers in fitting skirts upon customers; and it consists in such a stand provided with an adjustable section upon which the person being fitted may stand, which section may be raised and lowered, so that the lower edge of the skirt resting upon the surrounding platform may be marked evenly for the length desired, all as will be hereinafter more fully described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar reference characters indicate similar parts, Figure 1 is a perspective view of one of my improved fitting-stands ready for use; Fig. 2, a longitudinal section through the same as seen when looking in the direction indicated by the arrows from the dotted line 2 2 in Fig. 1; Fig. 3, an under side perspective, and Fig. 4 a perspective view of a fragment of the adjustable section.

In said drawings the portion marked A represents the main platform or stand, and B the adjustable section.

The stand A comprises a platform mounted on a suitable framework consisting of cross-pieces a , framed into supporting-legs a' at the corners, said legs being of a height to make the stand of the desired elevation. Said platform is provided with a central aperture, preferably circular in form, and a second rectangular frame composed of cross-pieces A^2 , framed together at the corners and supported by legs a^3 , surrounds said aperture near the edge thereof, and thus supports said platform firmly at all points.

The adjustable section B comprises a rectangular board or platform adapted to fit within the frame composed of the cross-pieces a^2 and has a circular top adapted to fit within the circular aperture in the top of the stand A, (see especially Fig. 4,) the circular portion being of the thickness of said top, so that when the rectangular portion is raised against the under side of the main platform its entire top surface will be substantially even. On

its under side longitudinal bars B' are mounted having a cam-face b' , formed on each end. There are preferably two of said bars, one on each side of said section, and they serve to brace and stiffen said section, as well as to form a part of the adjusting mechanism.

Two corresponding bars B^2 , connected by cross-bars b and b^2 and provided with corresponding cams b^3 on their ends, are mounted beneath the bars B' on longitudinal bars or tracks b^4 , secured on the adjacent sides of legs a^3 of the inner frame. The faces of the cams b^3 engage with the faces of the cams b' , and thus support the adjustable section and provide means for raising and lowering it. A nut b^5 is mounted in the center of a bar b^9 , secured on the top of cross-bar b^3 , and the inner screw-threaded end of a crank-rod b^6 engages therewith. Its outer end is provided with a crank b^7 , adjacent to which is mounted a collar b' , which bears against a face-plate b^9 on the outer face of a bracket b^{10} , secured on the front cross-bar a of the frame.

In the top of the platform A is formed a circumferential groove near the edge of the aperture in which is mounted a ring or flange A^2 , which extends up above the surface of said platform for a short distance. A similar groove is formed concentric therewith and a short distance therefrom, but extending only a portion of the distance around said aperture, in which is mounted a second ring A^3 , also extending above the surface of the platform for a distance and provided with a straight perpendicular surface.

The operation of my invention is as follows: The person to be fitted (preferably wearing the skirt) steps upon the adjustable section B of the platform, and the bottom of the skirt is adjusted around the outside of ring A^2 or A^3 , as the case may require, to secure the proper hang of said skirt. The adjustable platform B is raised or lowered by means of the crank b^7 , which being turned in one direction slides the bars B^2 toward the rear of the stand and permits the platform to fall and being turned in the other direction draws said bars forward and raises said platform until the person stands at the proper elevation, so that the skirt will rest against ring A^2 or A^3 to be marked of the length desired. The fitter is then able to mark against the side of the ring A^2 or A^3 , so that the skirt can be made of the exact length desired and so that it will hang evenly on all sides.

It will be understood, of course, that other

mechanism may be substituted for that shown for raising and lowering the adjustable section or securing the proper elevation of the person to be fitted without departing from my invention, as well as various modifications in form and details of construction.

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

10 1. A fitting-stand comprising a main platform, a section which may be adjusted vertically in relation thereto, means for supporting said section firmly at all its sides, and means for effecting said adjustment, substantially as set forth.

15 2. A fitting-stand comprising a platform mounted upon suitable supports and formed with a central aperture, an adjustable section mounted within said central aperture upon supports located near the edge thereof and on all sides thereof, and means for raising and lowering said supports to adjust said section, substantially as set forth.

25 3. A fitting-stand comprising a main platform, an adjustable section and a vertical flange extending up from the surface of the

main platform adjacent to said adjustable section, substantially as set forth.

4. A fitting-stand comprising a fixed platform, an adjustable section for supporting the person to be fitted, means for adjusting the same, and vertical flanges or rings extending up from the top of said main platform adjacent to said adjustable section, substantially as set forth.

35 5. A fitting-stand comprising a main fixed platform formed with a central aperture, an adjustable platform mounted in said aperture and having cam-faced bars on its under side, sliding cams mounted upon a track beneath said bars, and a screw-rod provided with a crank mounted to engage with said sliding bars for operating the same back and forth, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Lancaster, Pennsylvania, this 28th day of January, A. D. 1905.

JOHN J. BAIR. [L. s.]

Witnesses:

JNO. N. HETRICK,
J. FRANK REMLEY.