

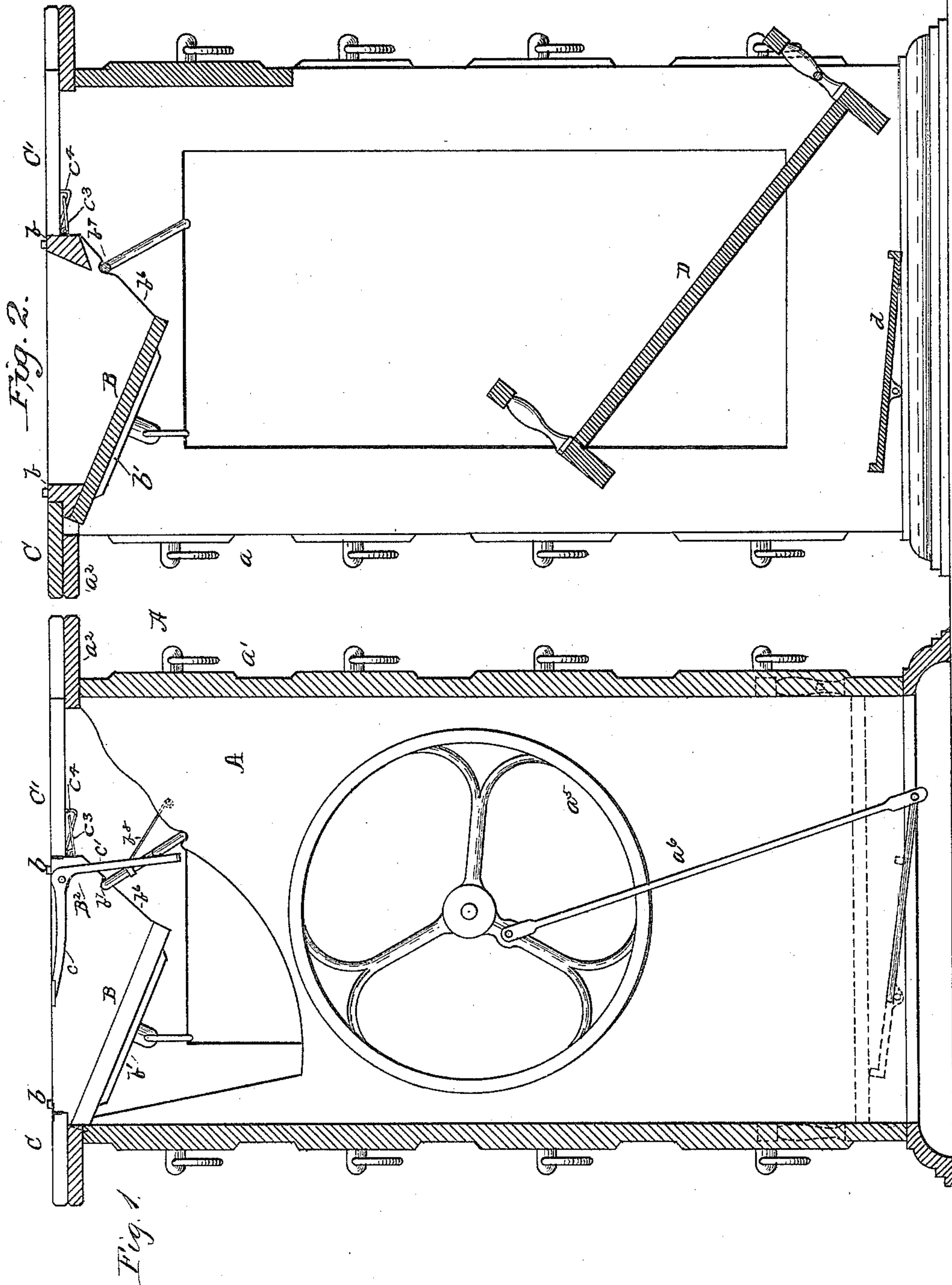
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3 Sheets—Sheet 1.

A. F. GERALD.
SEWING MACHINE CABINET.

No. 446,581.

Patented Feb. 17, 1891.



Witnesses
CR Ferguson
Wm Mc Shiff

Inventor
Amos F. Gerald
By his Attorneys. Gifford & Brown

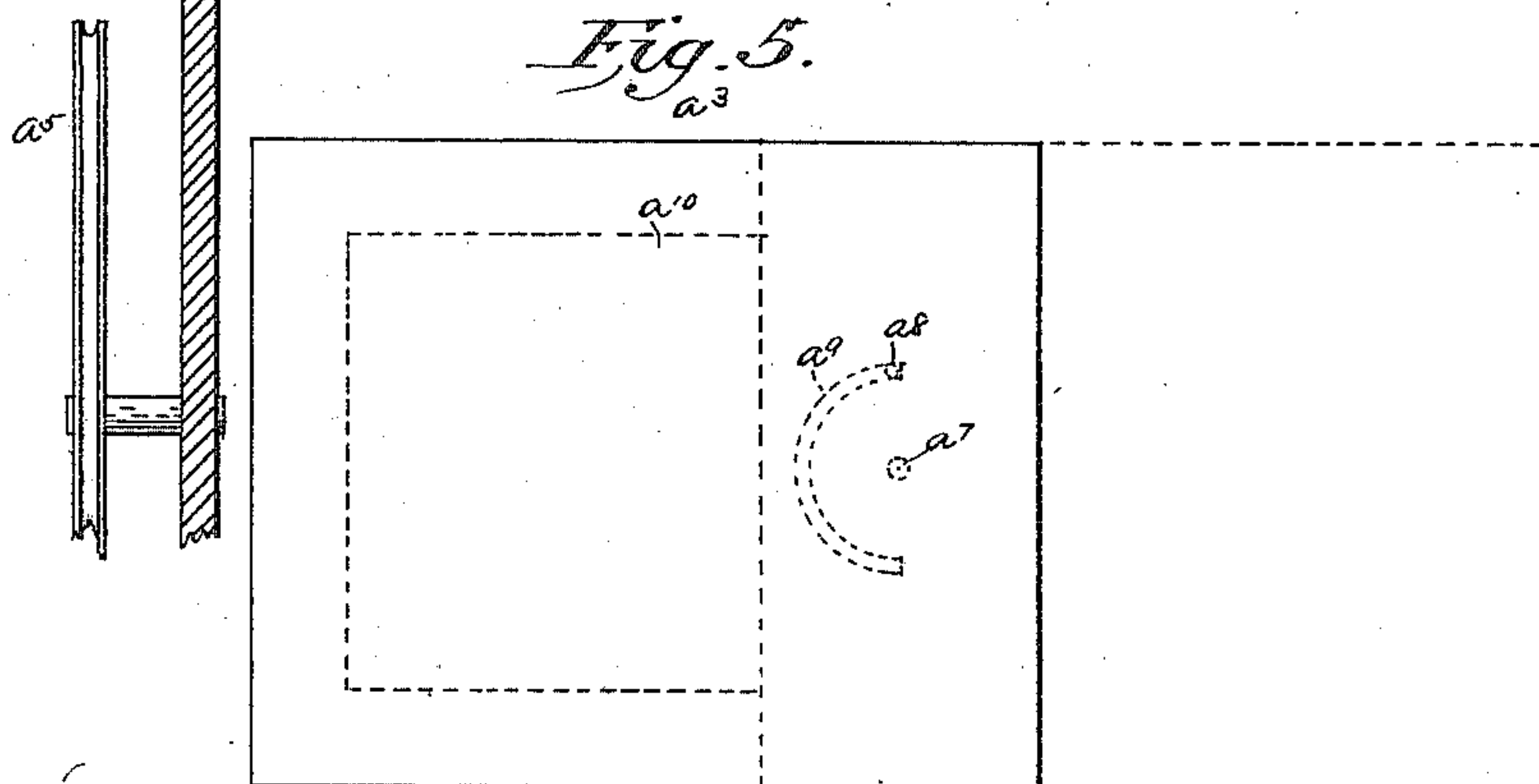
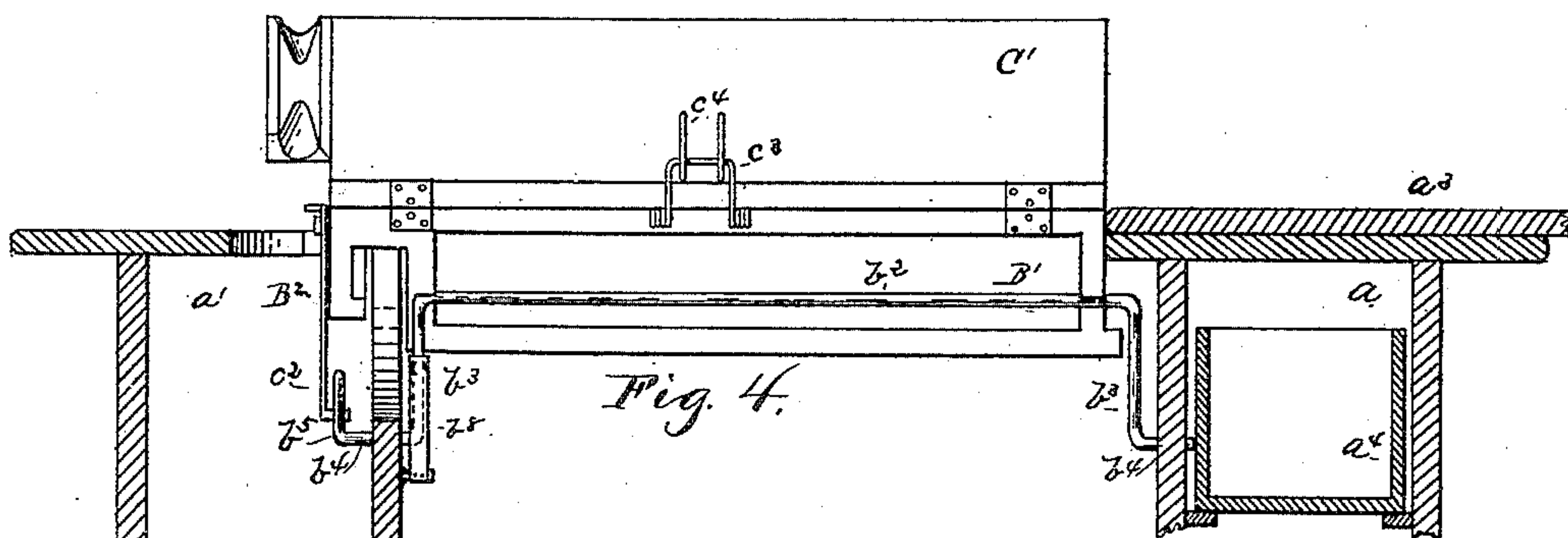
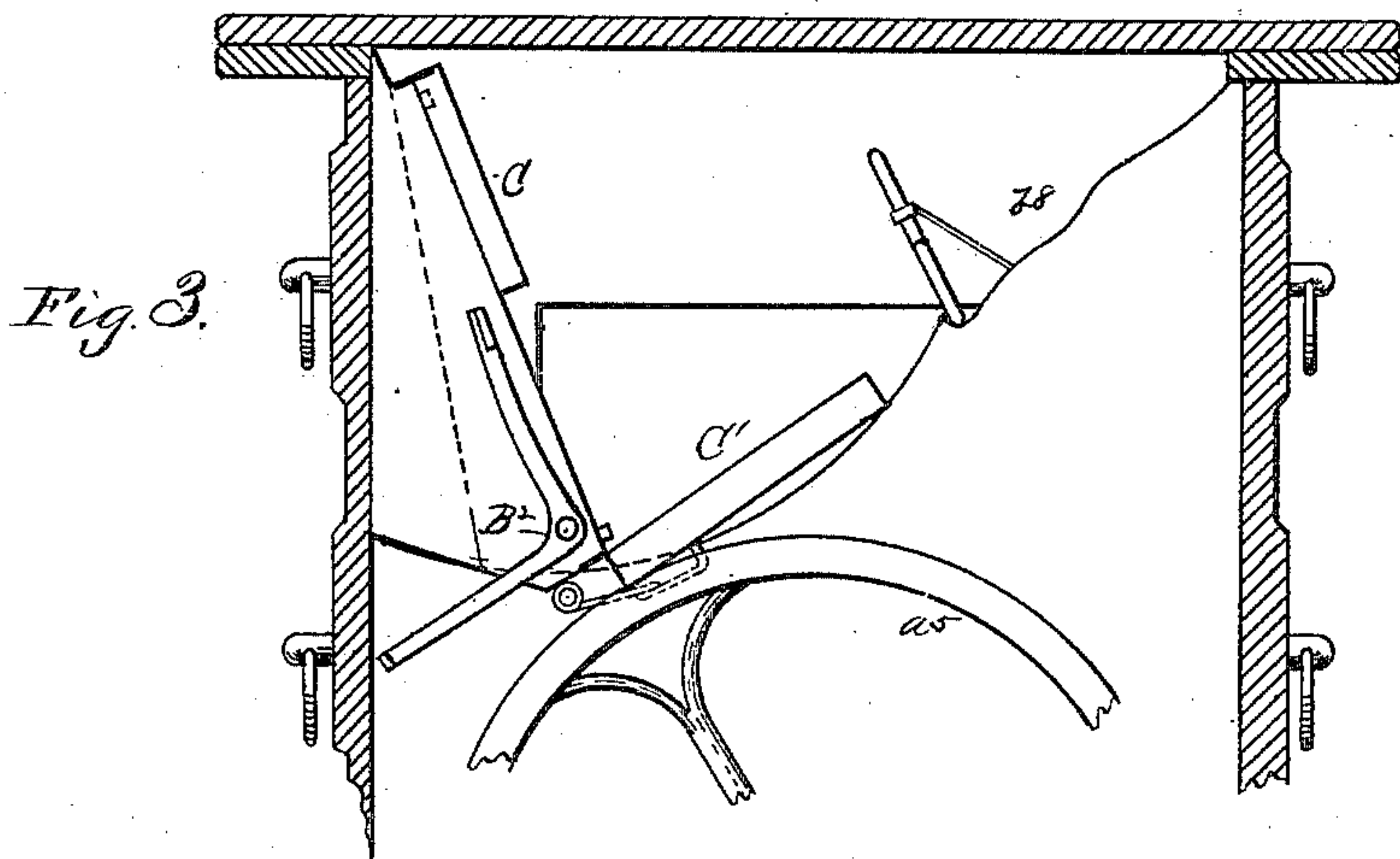
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WITNESSES:

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Wm. Mc. Jeff.

INVENTOR

Amos F. Gerald
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ATTORNEY

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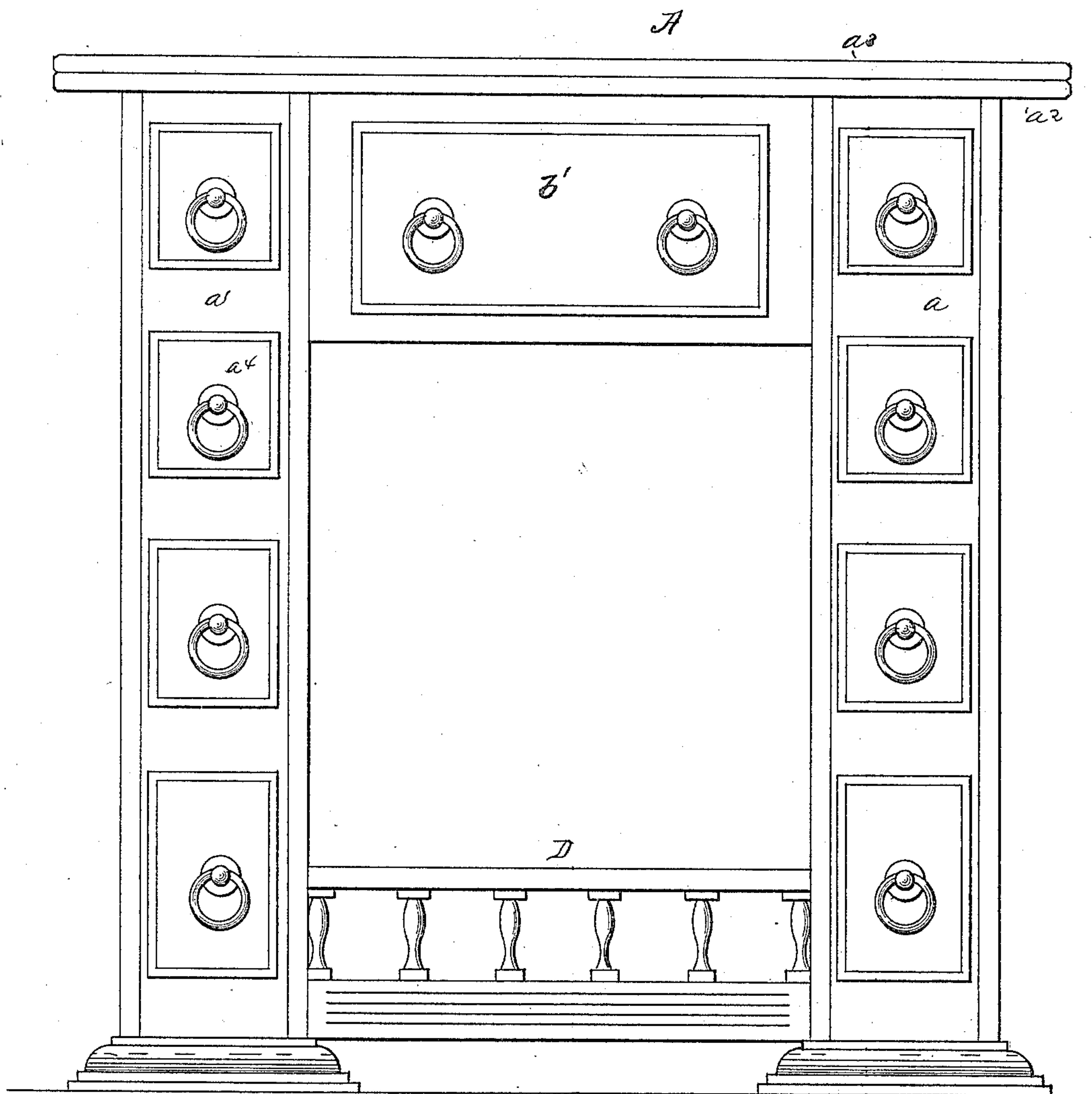
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Fig. 6.



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UNITED STATES PATENT OFFICE.

AMOS F. GERALD, OF FAIRFIELD, MAINE.

SEWING-MACHINE CABINET.

SPECIFICATION forming part of Letters Patent No. 446,581, dated February 17, 1891.

Application filed July 13, 1889. Serial No. 317,401. (No model.)

To all whom it may concern:

Be it known that I, AMOS F. GERALD, a citizen of the United States, residing at Fairfield, in the county of Somerset and State of Maine, have invented a new and useful Improvement in Sewing-Machine Cabinets, of which the following is a specification.

The object of this invention is to provide a cabinet whereby all the operative mechanism of a sewing-machine may be hidden from view when not in use; and it consists in the construction and novel arrangement of parts, as hereinafter set forth.

In the drawings, Figure 1 is a vertical section through one end of the cabinet, showing the parts as arranged for sewing. Fig. 2 is a vertical section across the center of the cabinet. Fig. 3 is a vertical section of the upper portion of the cabinet similar to Fig. 1, but showing the arrangement of parts when the sewing mechanism is hidden from view. Fig. 4 is a vertical section lengthwise of the cabinet. Fig. 5 is a top view with the swinging cover closed, and Fig. 6 represents the front of the cabinet when all the parts of the sewing mechanism are hidden from view.

Similar letters of reference indicate like parts in all the figures of the drawings.

I have not deemed it necessary to illustrate the upper works of a sewing-machine; but it is to be understood that the cabinet is adapted for any of the several makes of sewing-machines.

Referring by letter to the drawings, A indicates the cabinet consisting of the end portions or standards a a' , the bed or fixed top a^2 , and the swinging cover a^3 . The end portions are preferably made hollow, one of which a may be provided with drawers a^4 and the other a' contains the band-wheel a^5 and pitman a^6 . The horizontally-swinging cover a^3 is of the same size and shape of the top a^2 and is pivoted thereto near one end by a pin a^7 , so that when the said cover is swung open its side edges are in line with the side edges of the top, and it provides an extension-leaf for the work. A pin a^8 on the top extends into a semicircular slot a^9 of the cover and acts as a stop for the cover when swung into either of its positions.

The full line in Fig. 5 shows the cover as closed and the outer dotted line shows its position when open.

The top a^2 is provided with a rectangular opening a^{10} , into which the box-like platform B swings and carries a sewing-machine mechanism, which is attached to the rails b . The platform B is made box-like, so as to accommodate the mechanism underneath the bed-plate of the sewing-machine, and it will be observed that when the platform is swung downward on its hinges its bottom surface b' will be in a perpendicular line and form an ornamental front for the cabinet, as shown in Fig. 6.

B' designates a brace consisting of the main portion b^2 , the downward-extended end portion b^3 , and the outwardly-turned portion b^4 , pivotally engaging in openings in the end portions a a' , and one of said outwardly-turned portions b^4 is provided with a crank-arm b^5 to engage against one arm of a pivoted trip-lever B². This brace B' presses normally against the inclines b^6 of the box-like platform B and enters notches b^7 , formed therein when the platform is swung upward, as shown in Figs. 1 and 2. A spring b^8 , having one end secured to the cabinet and the other end secured to the brace, serves to hold said brace against the inclined portions and press it automatically into the notches.

The lever B² consists of two arms c c' at right angles to each other and pivoted at the angle or elbow to the end of the box-like platform B. The lower end of the arm c' is provided with an angle-piece c^2 , which bears against the crank-arm b^5 of the brace B', and it is obvious that by a downward pressure on the arm c of the lever B² force will be exerted to throw the brace out of engagement with the notches b^7 , so that the platform may be lowered, carrying the machine.

A leaf C is hinged to the front of the platform B, so that it will fold outward upon the top a^2 , as shown in Fig. 2, and have its top surface flush with the top surface of the swinging cover, and this leaf will fold inward, as in Fig. 3, when the platform is lowered. A similar leaf C' is hinged to the rear rail b of the platform and operates similarly to the

leaf C. It is, however, automatically operated, as here shown, by means of a spring c^3 , which has ends extended from its coiled portions into the back rail b and has its main
 5 portion extended under guides c^4 on the lower side of the leaf.

It is evident that when the platform is raised the spring will bear upon the guides, which are somewhat inclined, and carry the
 10 leaf on a plane with the cover.

D designates a shelf pivoted at one of its ends between the end portions a a' . This shelf is designed when in its downward position to cover the treadle d and hide it from
 15 view, and also serves as a shelf, upon which work or other articles may be placed. It may be raised, as shown in Fig. 2, when it is desired to operate the machine.

Having described my invention, what I
 20 claim is—

1. In a sewing-machine cabinet, the combination, with the top having the opening, of the swinging platform within said opening, a spring-controlled brace engaging with the
 25 platform to hold it in its upward position, and a pivoted lever for throwing the brace out of engagement with the platform, substantially as specified.

2. In a sewing-machine cabinet, the combination, with the standards and the top having the opening, of the swinging platform within said opening, a spring-controlled brace pivoted to the standards and engaging with the platform, a pivoted lever having one of
 30 its ends extending above the platform and its other end engaging with the brace, and leaves

attached to the platform, substantially as specified.

3. In a sewing-machine cabinet, the combination, with the cabinet-top having an opening and a platform hinged to one of the sides
 40 of said opening, of a leaf hinged to one side of the platform, and a spring attached to the platform and bearing in guides on the leaf, whereby said leaf is turned outwardly when
 45 the platform is raised, substantially as specified.

4. In a sewing-machine cabinet, the combination, with the standards, of the pivoted shelf between the standards, constructed to
 50 cover the treadle and to serve as a shelf when the treadle is not in use, substantially as specified.

5. In a sewing-machine cabinet, the combination, with the standards, the bed having
 55 the opening, and the cover pivoted to said bed, of the swinging platform having the inclined portion, the spring-controlled brace engaging therewith, and a pivoted trip-lever for operating said brace, substantially as
 60 specified.

6. In a sewing-machine cabinet, the combination, with the swinging platform and the leaf hinged thereto, of a spring secured to the platform and guides on the leaf engaging
 65 over an extended portion of the spring, substantially as specified.

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Witnesses:

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 C. R. FERGUSON.