

No. 637,435.

Patented Nov. 21, 1899.

F. E. WARBURTON.

SPOOL BOX.

(Application filed Mar. 24, 1898.)

(No Model.)

Fig. 1.

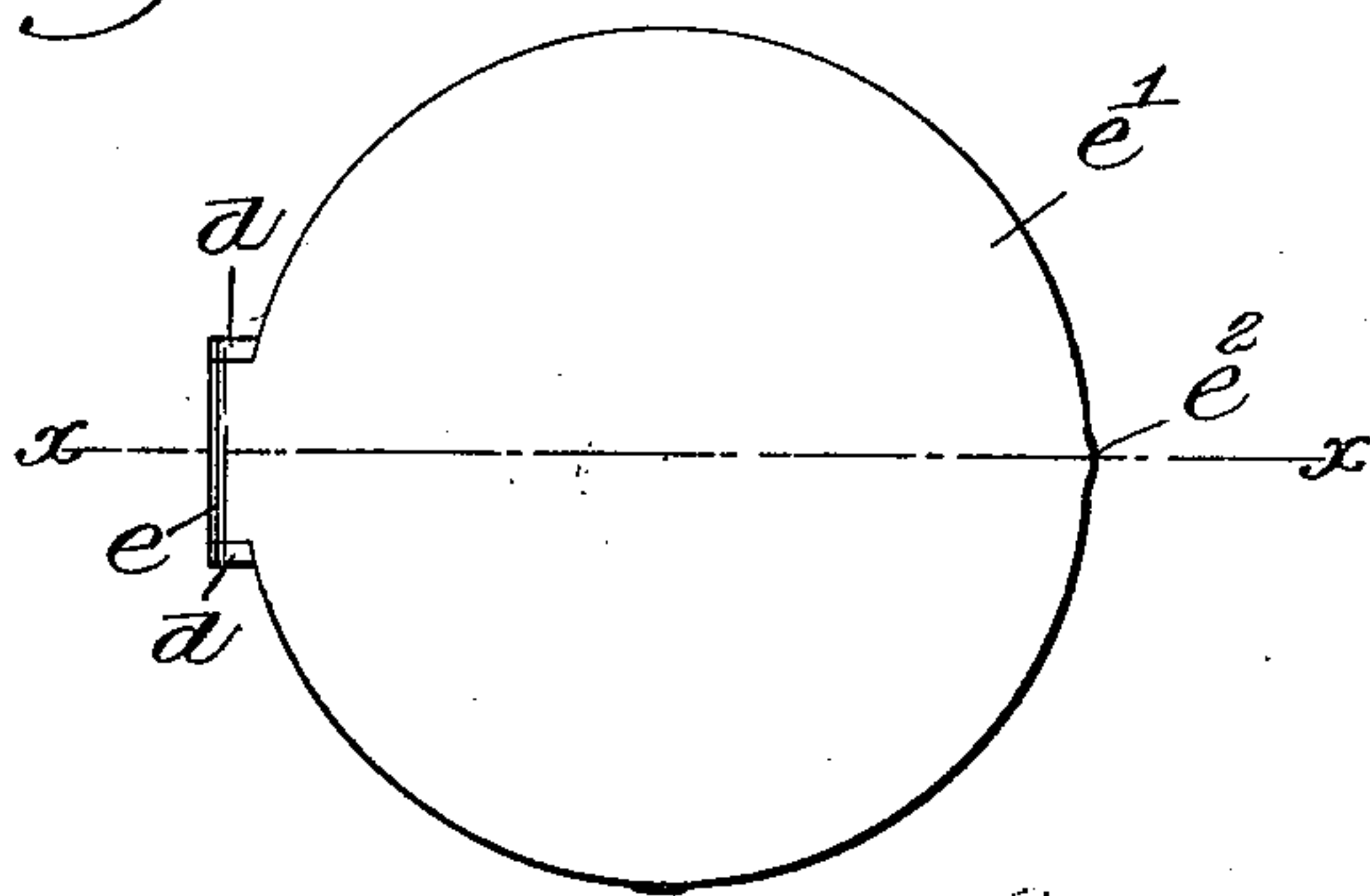


Fig. 2.

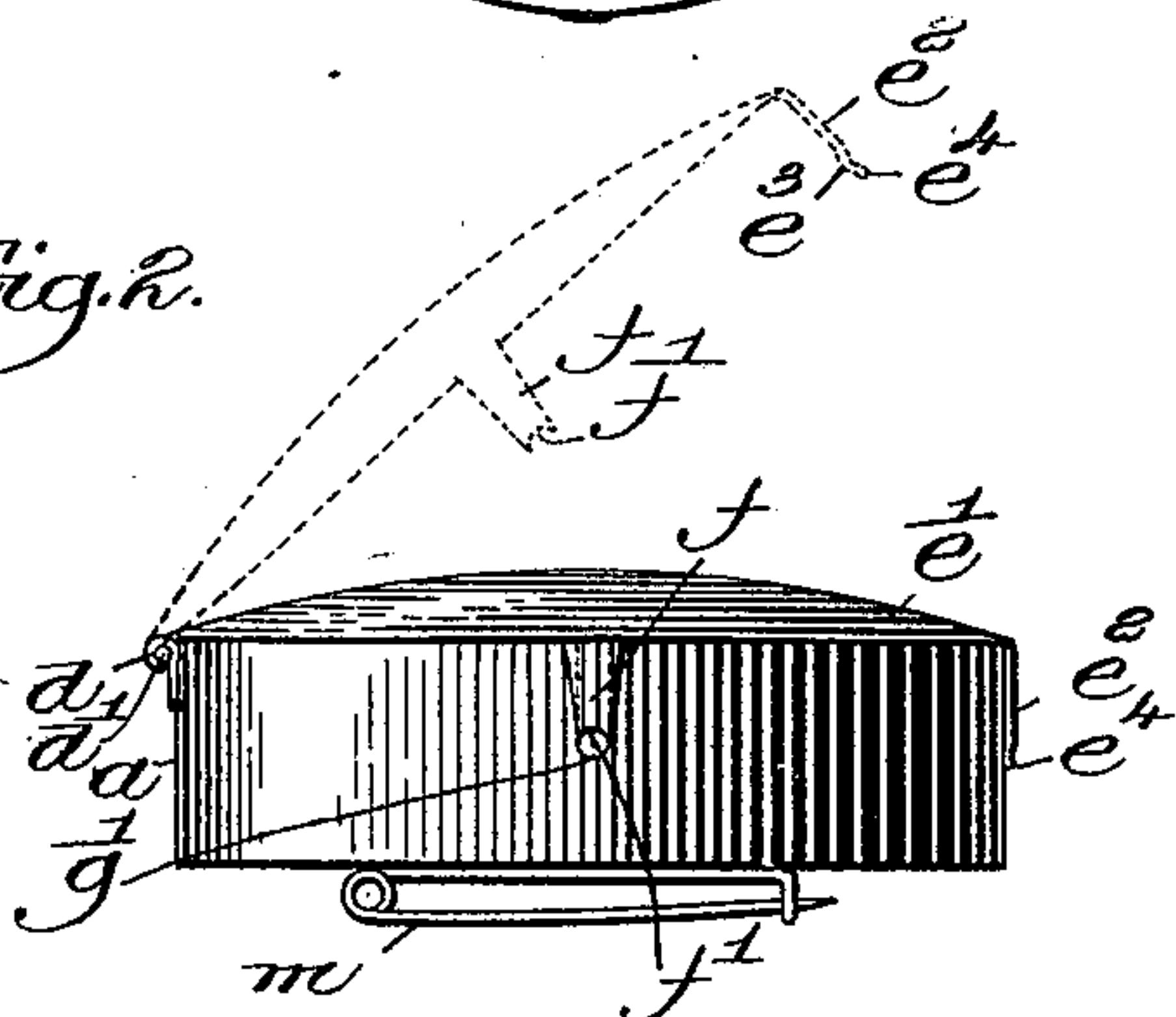


Fig. 3.

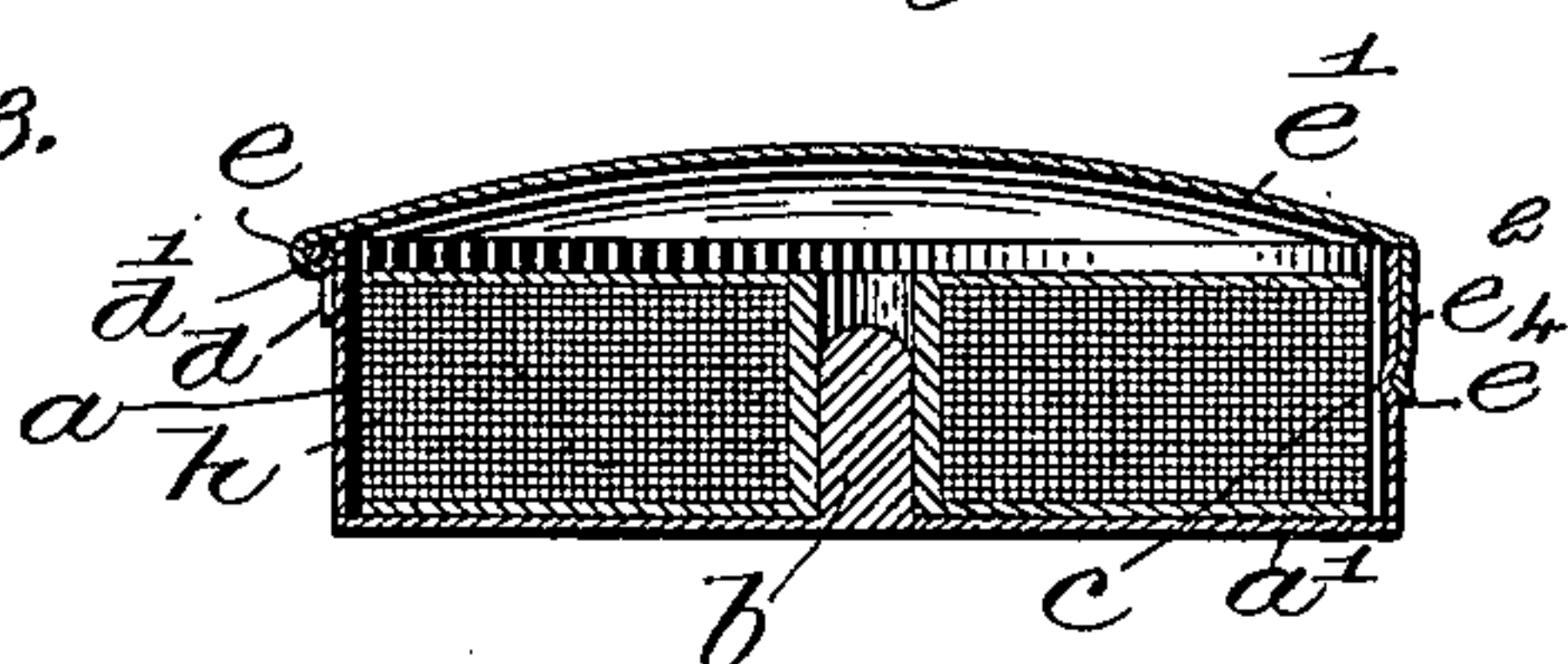


Fig. 4.

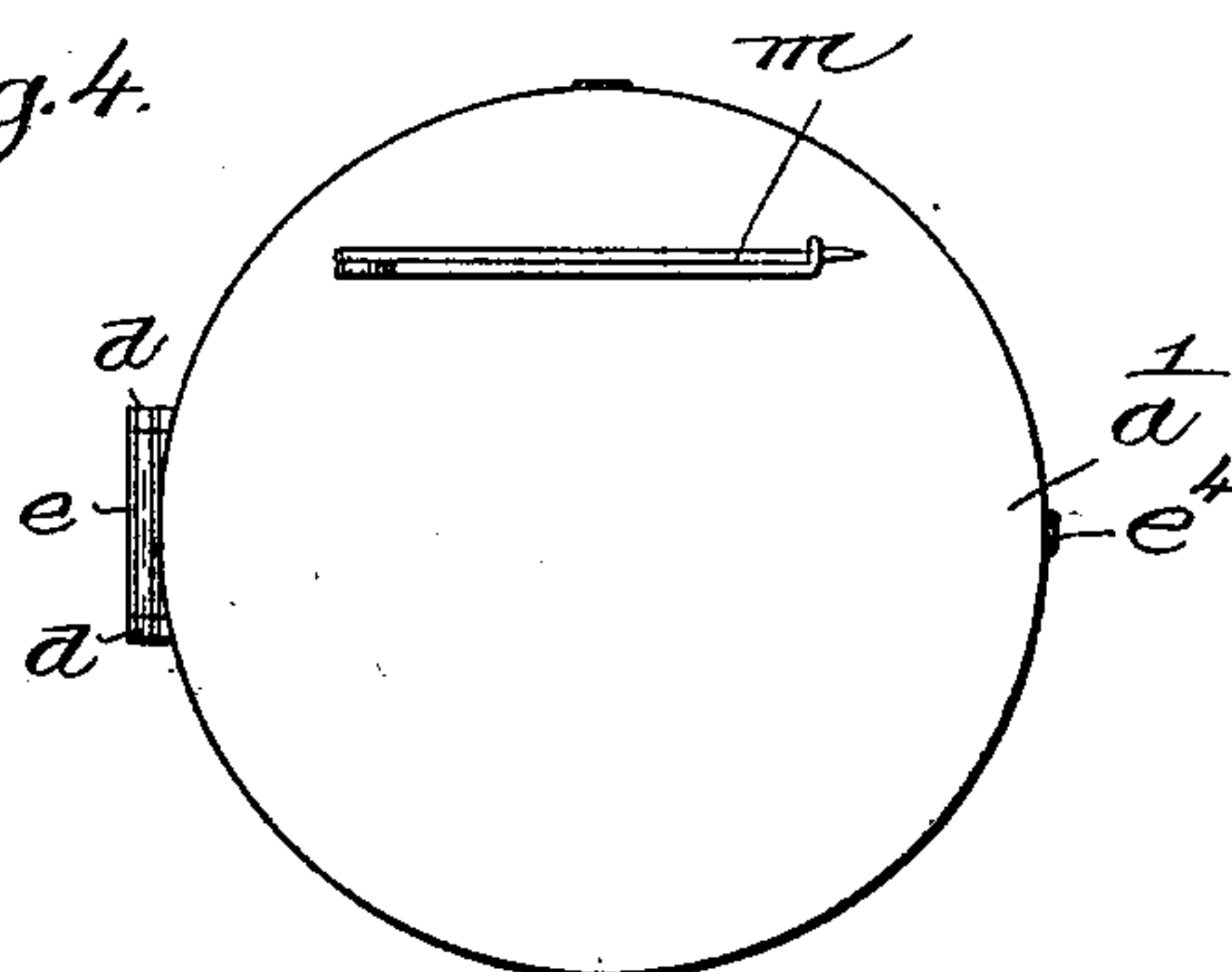
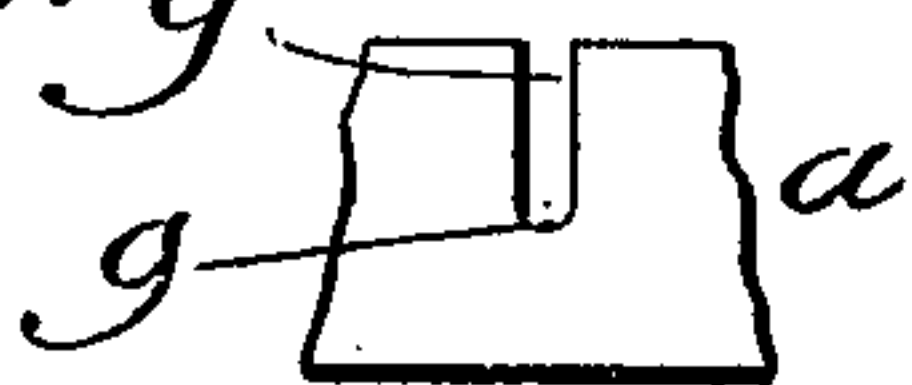


Fig. 5. g¹



witnesses:
Fred S. Grunhof.
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UNITED STATES PATENT OFFICE.

FRANK E. WARBURTON, OF PAWTUCKET, RHODE ISLAND.

SPOOL-BOX.

SPECIFICATION forming part of Letters Patent No. 637,435, dated November 21, 1899.

Application filed March 24, 1898. Serial No. 674,981. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. WARBURTON, of Pawtucket, county of Providence, State of Rhode Island, have invented an Improvement in Thread-Cabinets, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the production of a novel and efficient thread-cabinet to retain the spool of thread while being used or consumed.

My improved cabinet consists, essentially, of a cylindrical case or shell having rising from its bottom, inside said case, a suitable stud to confine the mass of thread in place, the said case or shell having hinged to it a cover provided with a spring-lip cooperating with a portion of the case or shell to keep the cover closed. The case or shell has in its vertical wall a slot the lower end of which constitutes part of a thread-delivery eye, the cover having a lug with its lower end concaved to cooperate with the lower end of the slot in the case or shell and constitute a thread-delivery eye. The thread is put into the slot when the cover is open, the closing of the cover causing the lip to cover the exterior of the slot and constitute the thread-delivery eye. The case or shell may have attached to it any usual or suitable pin or attaching device by which to attach the case or shell containing the thread to a dress or other article to support it.

Figure 1 is a top or plan view of a thread-cabinet embodying my invention, the cover being shown as closed. Fig. 2 is a side elevation of the same, the dotted lines showing the cover elevated. Fig. 3 is a section in the line *x*, Fig. 1. Fig. 4 is an under side view, and Fig. 5 shows a part of the upright wall of the shell or case, with its threading-slot.

The case or shell *a* is composed of thin sheet metal, presenting a bottom *a'* and upright sides of cylindrical form. The bottom has rising from it centrally a stud *b*, and the upright wall of the case or shell has formed in it a suitable depression, as *c*. (See Fig. 3.)

A part of the upright wall of the case or

shell has a suitable hinge part *d*, having a pin *d'*, about which is bent, to constitute a hinge, a lip *e*, extended from one edge of the cover *e'*, said cover having a lip *e''*, shaped to present at its inner side a teat or projection *e'''* to enter the depression *c* formed in the case or shell, said teat entering said depression and effectually locking the cover in place. The end *e''''* of the lip may be easily engaged by the finger or thumb nail when it is desired to unlock or turn the cover from its full-line position, Fig. 2, into its dotted-line position for the insertion or removal of a new quantity of thread. The cover has a lug *f* extended downwardly from one edge of it, and said lug has its lower end notched, as at *f'*.

The upright wall of the case or shell has a slot, as *g'*, (see Fig. 5,) the lower end of which is preferably rounded, as represented, to constitute the bottom of a thread-delivery eye *g*.

h represents a wound mass of thread, preferably a flat mass on a thin, light-weight paper or other spool, although the spool may be entirely omitted, and the wound mass of thread may be put, if desired, on the stud *b*. The end of the thread from the thread mass, when the cover is open, will be laid into the slot *g'*, and then the cover will be closed, causing the lug *f* to overlap the slot, the lower end of the lug completing the upper part of the thread-delivery eye.

To enable the thread-cabinet to be conveniently used by women and others, I have provided it with an attaching device *m*, shown as a safety-pin, which may be inserted in any part of the dress, or it may be inserted in upholstered furniture or any other particular spot where it is desired that the spool shall be held.

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

A thread-cabinet consisting of a cylindrical case or shell having a stud projecting upwardly from the bottom thereof to hold and center a mass of thread, a threading-slot in the side wall of the case or shell, a cover hinged to said case or shell and provided

with a narrow lug extending therefrom at one edge and adapted to nearly close said threading-slot leaving below its end and the bottom of the slot in the shell or case a small threading delivery eye, and means to attach the cabinet in desired position.

In testimony whereof I have signed my name

to this specification in the presence of two subscribing witnesses.

FRANK E. WARBURTON.

Witnesses:

FREDERICK JACKSON,

SAMUEL AINSCOUGH.