

No. 664,558.

Patented Dec. 25, 1900.

J. D. KELLY.
CARD HOLDER.

(Application filed Feb. 2, 1900.)

(No Model.)

Fig. 1

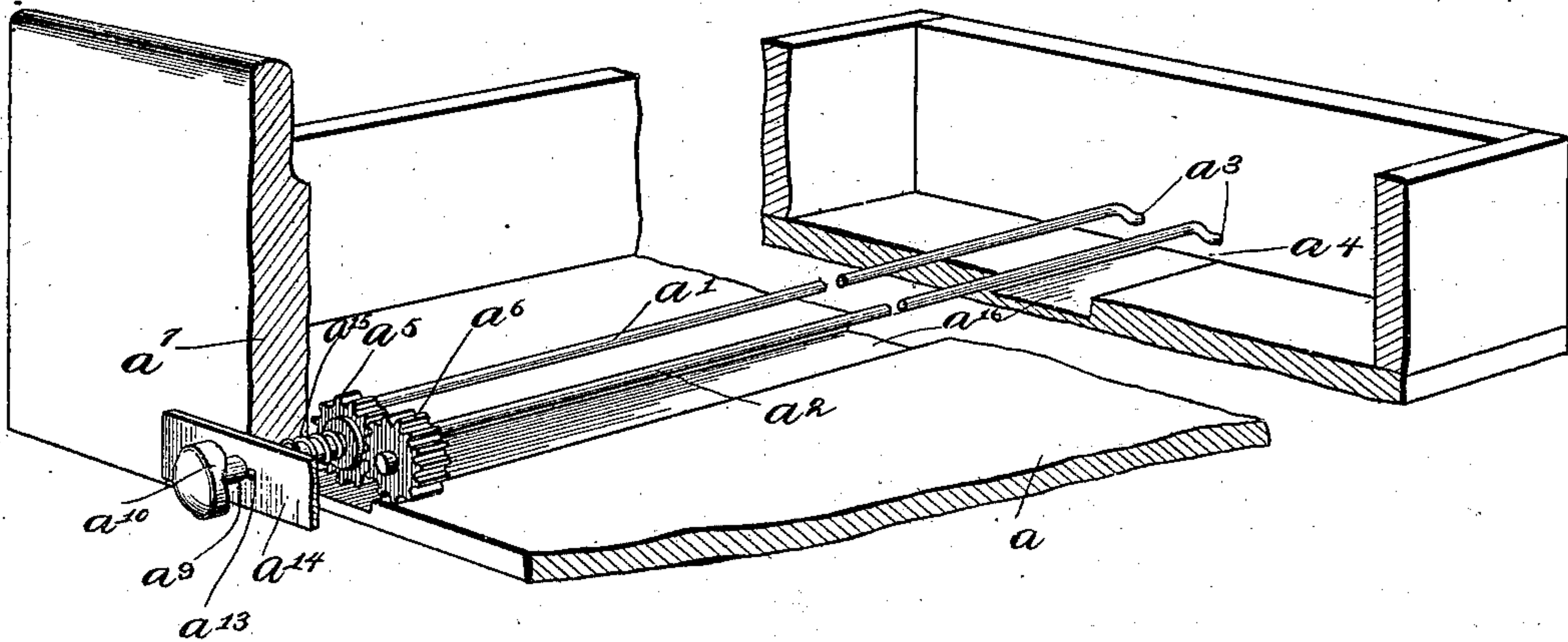


Fig. 2.

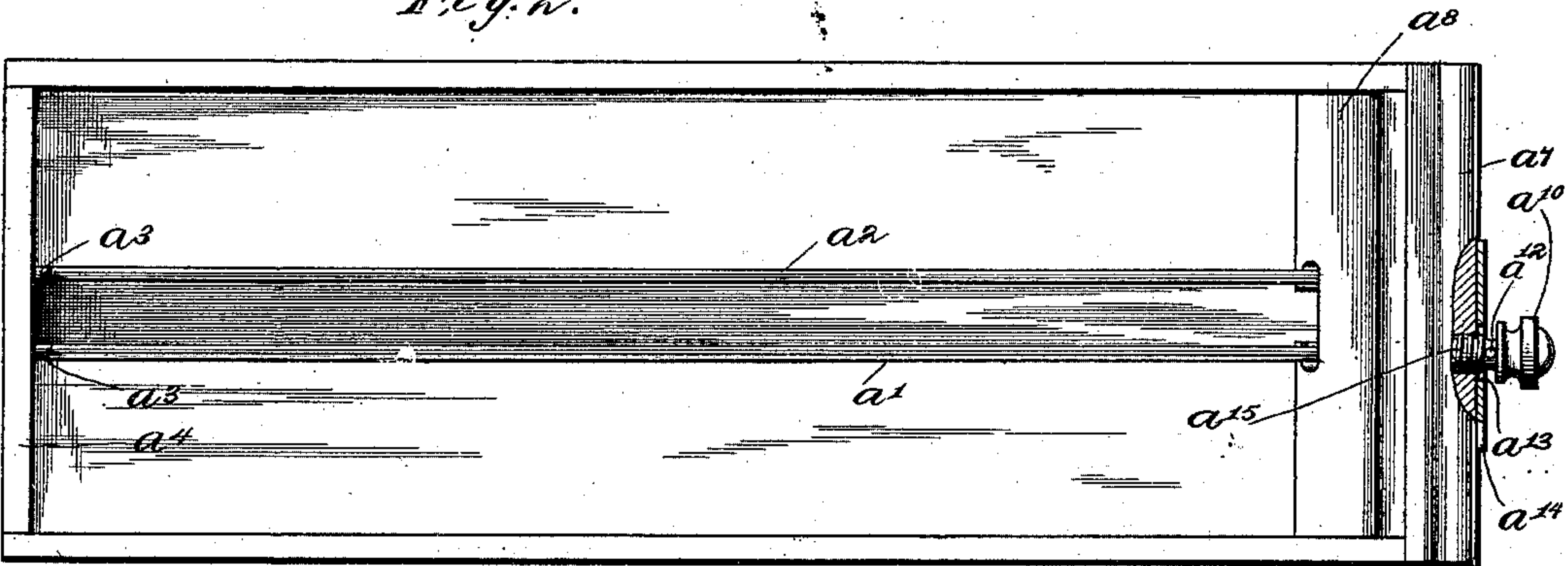


Fig. 3.

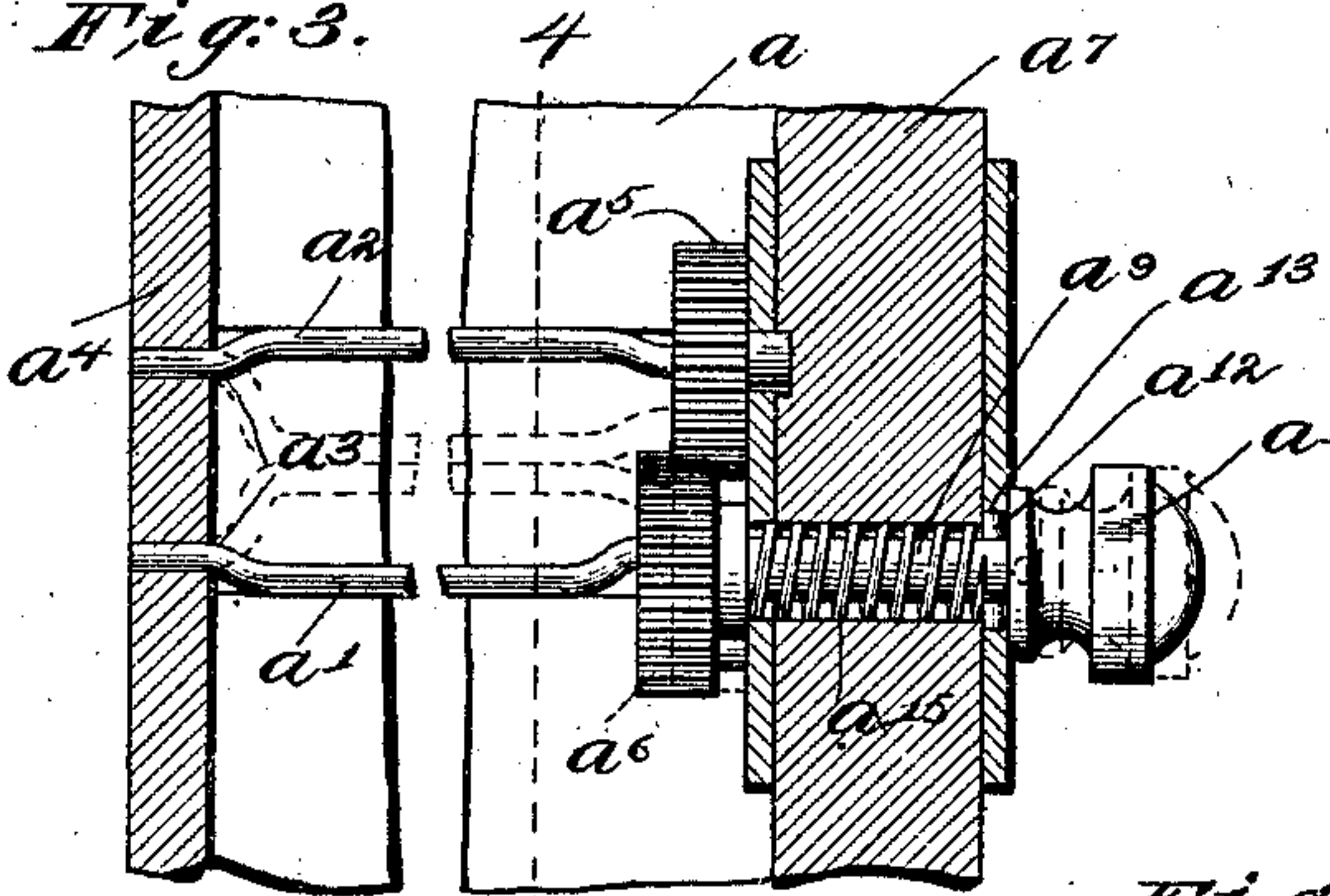


Fig. 4.

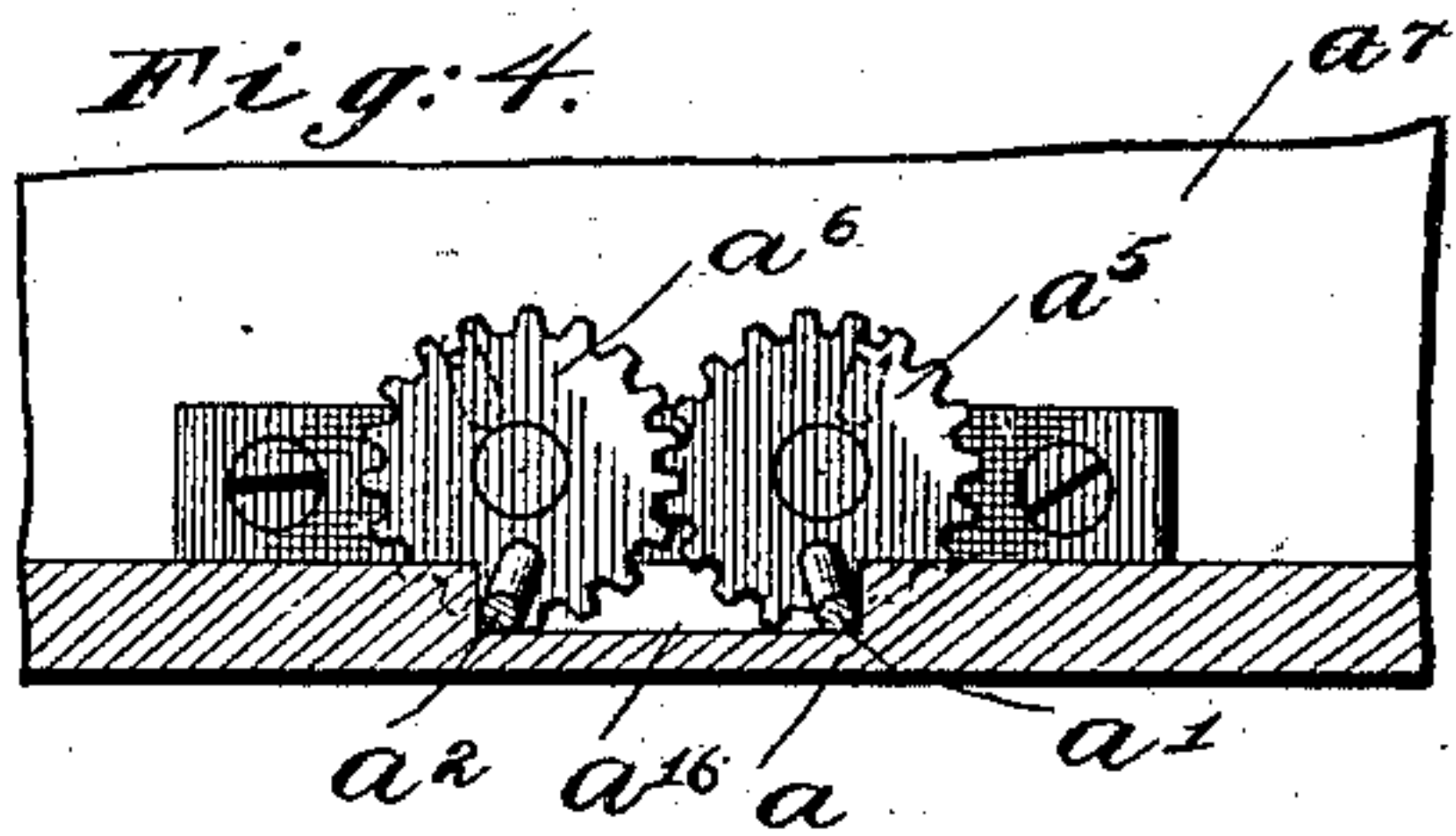
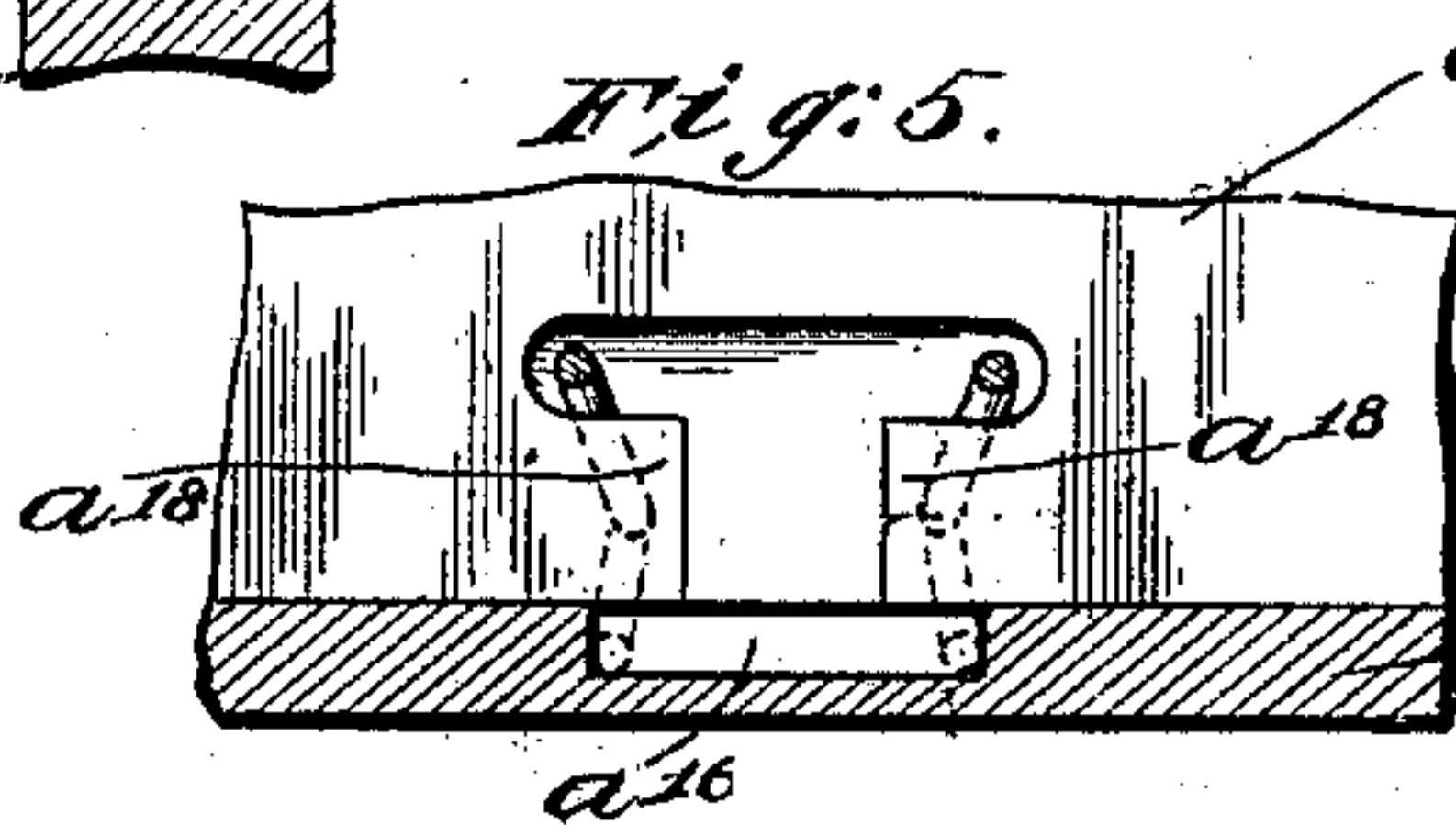


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

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CARD-HOLDER.

SPECIFICATION forming part of Letters Patent No. 664,558, dated December 25, 1900.

Application filed February 2, 1900. Serial No. 3,675. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. KELLY, a citizen of the United States, and a resident of Chicago, county of Cook, and State of Illinois, have invented an Improvement in Card-Holders, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

My invention is an improved lock-rod for card indexes, records, &c., having for its object the provision of a simple and inexpensive device of the expansible lock-rod kind capable of instant operation and provided with means for not only locking the cards, but for locking the device itself against accidental operation.

In carrying out my invention I preferably employ wires or other suitable forms of inexpensive lock-rods, said rods being pivotally mounted at their opposite ends in the holder or card-receptacle and provided, preferably, at one end with actuators, whereby upon the rocking or turning of one lock-rod the other is simultaneously and similarly operated, and in connection with one or both of these locking members I provide an automatic stop or lock proper.

It will be understood that various details of my invention, as more particularly described hereinafter, are novel in and of themselves, and accordingly I do not intend to restrict myself in all respects to the construction as herein shown, nor otherwise than as expressed in the claims.

In the drawings, in which I have shown a preferred embodiment of my invention, Figure 1 is a perspective view of a card-holder of suitable or typical style in which my card-retaining device is mounted, parts being broken away for convenience of illustration. Fig. 2 is a top plan view thereof. Fig. 3 is an enlarged detail showing my invention in top plan, the end portions of the holder being in section. Fig. 4 is a transverse vertical section on the line 4-4, Fig. 3. Fig. 5 is a view similar to Fig. 4, showing a card in locked position and indicating the unlocked position of the parts in dotted lines.

My invention is applicable to any suitable

holder or receptacle, a tray *a* of usual kind being herein indicated for convenience.

The holding device as herein shown comprises two members *a'* *a*², mounted in any suitable way at the rear end of the box, as by being pivoted at *a*³ in a suitable plate *a*⁴, and at their opposite ends said rods are provided with interlocking devices, herein shown in the form of small pinions *a*⁵ *a*⁶, said pinions being suitably journaled in the box or an adjacent part, being herein shown as housed between the front *a*⁷ of the box and a usual inclined block *a*⁸, such as is ordinarily found in card-holders. The rods or locking members *a'* *a*² are secured to the pinions *a*⁵ *a*⁶ eccentrically in order that they may be rocked in parallelism therewith relatively to the axes of said pinions the same as they are relatively to their opposite pivots *a*³. One of said pinions, herein shown as the pinion *a*⁵, is provided with a projecting stem *a*⁹, extending out through the front of the receptacle and provided with a suitable knob *a*¹⁰ or other device to be grasped by the operator in operating the locking members. A pin *a*¹² passes through this stem and is adapted to fit in a slot *a*¹³, provided in an escutcheon *a*¹⁴, fixed on the front of the box, and said stem carries a spring *a*¹⁵, bearing at one end against the inside of said escutcheon and at the other end against the pinion *a*⁵, thereby tending to retain said pin *a*¹² in said slot *a*¹³. This construction is one means of automatically locking the holding members against accidental rotation, inasmuch as they cannot be rotated while the pin *a*¹² is in the slot *a*¹³. In order to operate the members *a'* *a*², the operator grasps the knob *a*¹⁰ and pulls on the same against the spring *a*¹⁵, so as to remove the pin *a*¹² from its full-line position, Fig. 3, to its dotted-line position, whereupon the knob *a*¹⁰ and pinions *a*⁵ *a*⁶ may be rotated, thereby correspondingly rocking the locking members *a'* *a*². I have shown the parts in unlocked position in Fig. 2 and in locked position in Fig. 3. When the stem *a*⁹ is pulled outwardly, the pinion *a*⁵ slides slightly on the pinion *a*⁶, said pinions having sufficient depth to permit of this movement.

In the bottom of the box I provide a recess

or chamber a^{16} in order that the members $a' a^2$ when in operative position may be depressed into said recess into the position shown in full lines in Fig. 4 and in dotted lines in Fig. 5, thereby being removed entirely from any possible contact or interference with the cards in the box. This feature is of considerable importance, inasmuch as the cards a^{17} , being cut substantially as shown in Fig. 5, are very liable to have their projecting ends a^{18} torn off or mutilated by contact with the retaining device.

It will be obvious that when the rods $a' a^2$ are in their lowermost position, housed within the depression or recess a^{16} , it is impossible for them to interfere in any way with the cards.

In use the operator pulls out on the knob a^{10} , thereby withdrawing the pin a^{12} from its recess a^{13} , and he then gives the knob a half-turn over to the right, Fig. 1, thereby bringing the parts into the position shown in full lines, Fig. 4, in which position the pin a^{12} will snap back into the slot a^{13} , locking the members $a' a^2$ in their lowermost position. A reversal of this movement raises the retaining members $a' a^2$ into their uppermost or card-locking position.

It will be understood that I do not limit myself in all respects to the details herein shown.

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

1. A card-holder, having a card-retaining device mounted therein, comprising two members capable of swinging in the arc of a circle, intermeshing pinions connecting said two members, and means for locking said pinions against rotation.

2. A card-holder, having a card-retaining device mounted therein, comprising two members capable of swinging in the arc of a circle, intermeshing pinions connecting said two members, one of said pinions having a stem extending through the holder and movable

longitudinally therein and provided with engaging means at its projecting end for operating the same, and interlocking parts, one movable with said stem and the other stationary for locking the said stem against rotation.

3. In a card-holder, a card-retaining device having a movable locking member, and means to move said member, including a rotary stem projecting through the front of the holder, said stem being movable longitudinally in said holder, and cooperating interlocking portions on said stem and said holder, said stem being maintained non-rotatable by said interlocking portions when in its innermost position.

4. In a card-holder, a card-retaining device having a movable locking member, and means to move said member, including a rotary stem projecting through the front of the holder, said stem being movable longitudinally in said holder, cooperating interlocking portions on said stem and said holder, and a spring normally holding said rotary stem inwardly, pressing toward the rear end of the holder maintaining said interlocking portions in engagement and the stem locked against rotation.

5. A card-holder, a card-locking device mounted therein, and comprising a plurality of locking members secured at their opposite ends in said holder, a recess or chamber extending longitudinally of said holder in the bottom thereof beneath said card-locking device, and operating means for moving said locking members into said chamber out of contact with the cards for releasing the latter and up out of said chamber into contact with the cards for locking the said cards.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN D. KELLY.

Witnesses:

WM. D. KELLY,
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