

(No Model.)

W. E. RICHARDS.
CARD BOX.

No. 556,279.

Patented Mar. 10, 1896.

Fig. 1.

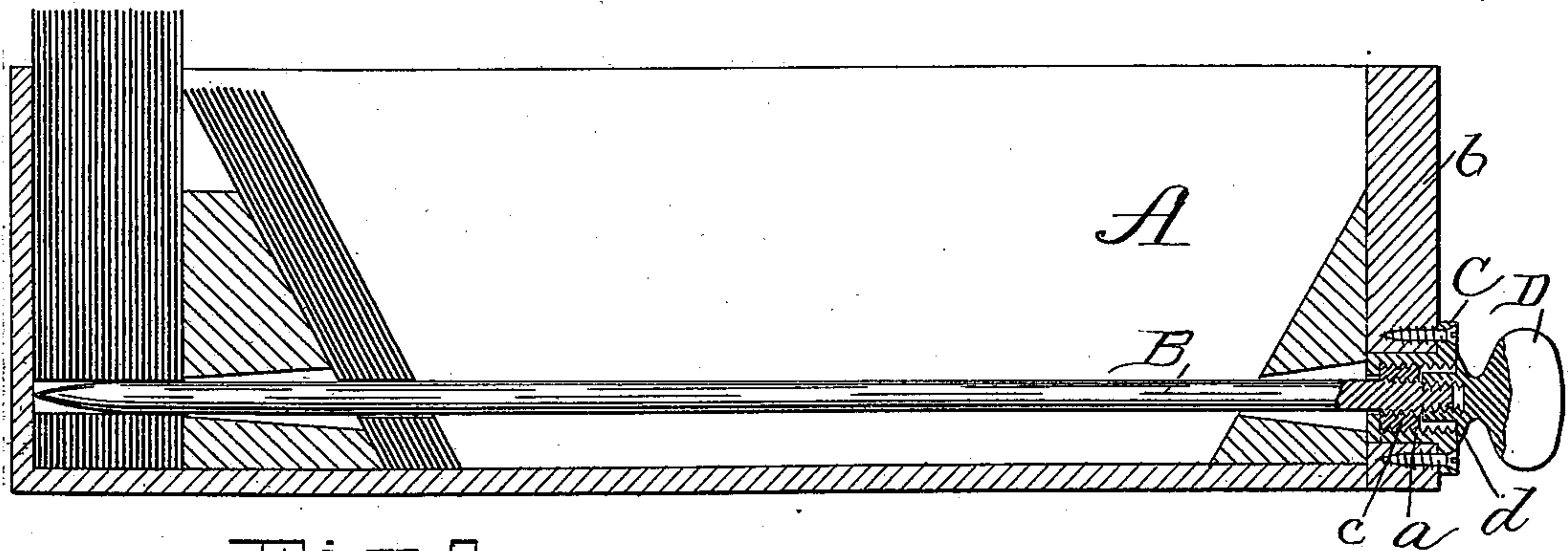


Fig. 2.

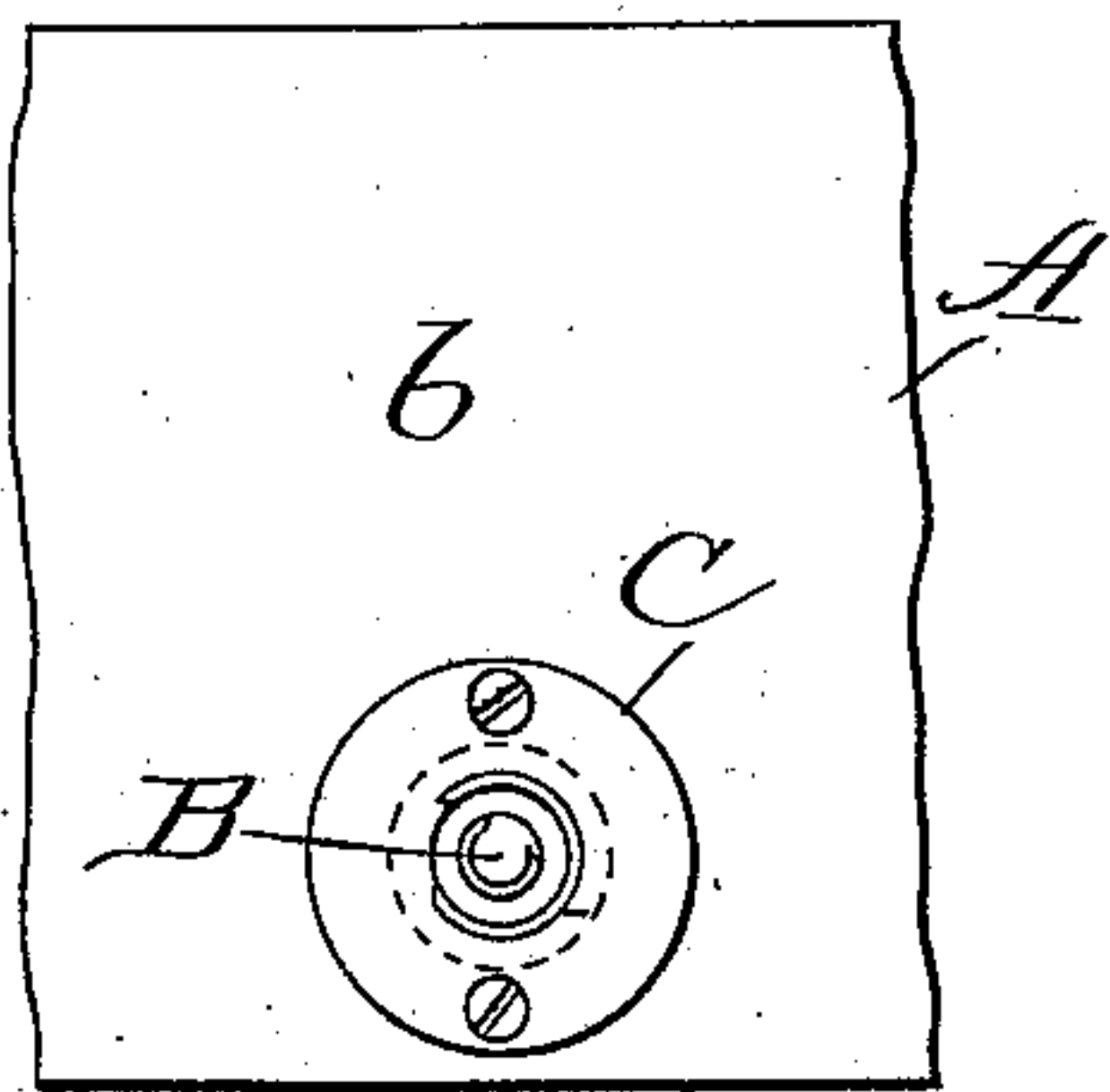


Fig. 4.

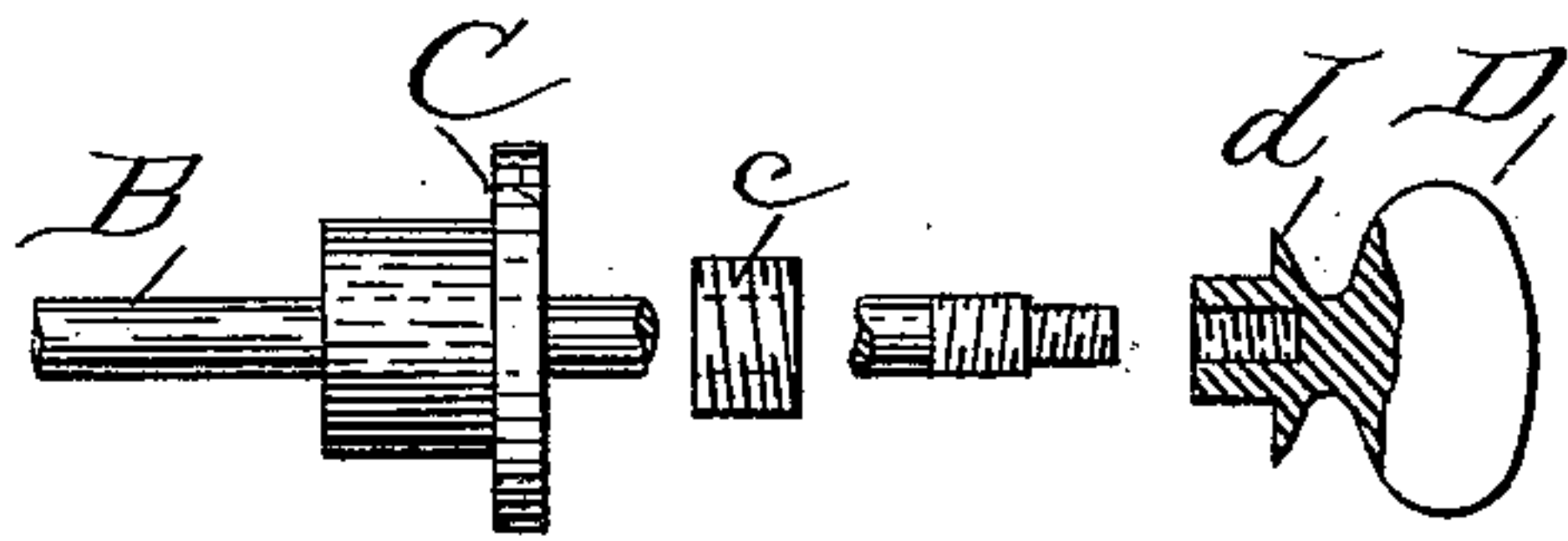
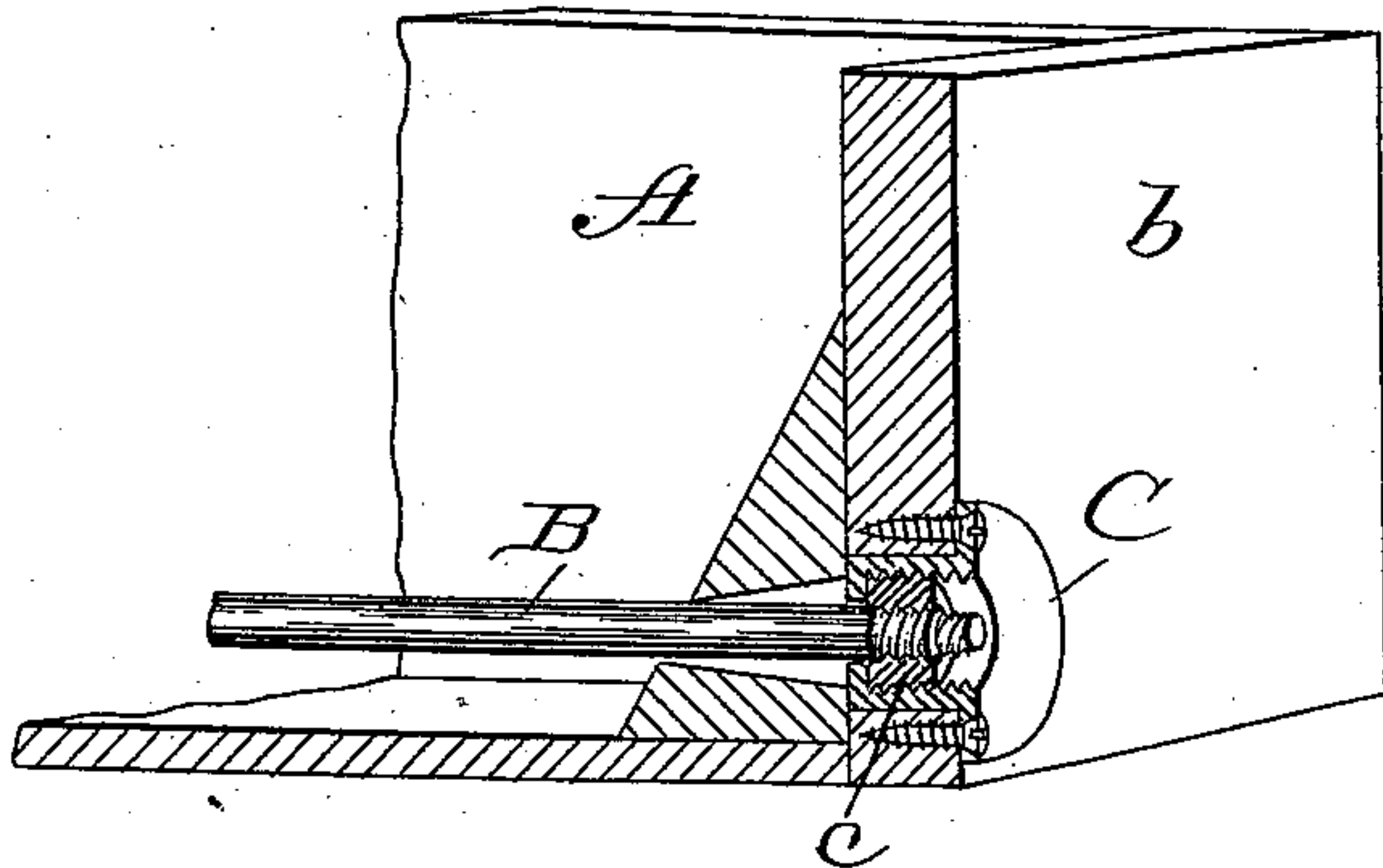


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM EVARTS RICHARDS, OF NEW YORK, N. Y.

CARD-BOX.

SPECIFICATION forming part of Letters Patent No. 556,279, dated March 10, 1896.

Application filed July 8, 1895. Serial No. 555,281. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM EVARTS RICHARDS, of the city, county, and State of New York, have invented a new and useful Improvement in Card-Boxes, of which the following is a specification.

My invention relates to that class of card boxes or drawers such as shown in my patent dated July 18, 1893, and numbered 501,693, and which particularly refers to a connection between the guard-rod and its knob and the escutcheon-plate of the box or drawer.

In the accompanying drawings, Figure 1 is a sectional view of a box or drawer such as illustrated in my former patent and embodying the present improvement. Fig. 2 is a front view of a portion of the box or drawer with the knob removed. Fig. 3 is a perspective view of a part of the drawer with the escutcheon-plate in section. Fig. 4 is a view in detail of the several parts constituting the fastening detached.

The box or drawer is in all respects similar to that shown in my former patent, and as the present invention relates only to the means for securing the guard-rod, the escutcheon-plate and the knob together, it will be unnecessary to refer to anything other than this particular part of the device; and I wish it to be understood that while I have shown a well-known form of box I do not limit myself in the application of my invention in this respect, as it may be used in many other ways with results equally as good.

The box is shown at A, the guard-rod at B, the escutcheon-plate at C, and the knob at D. The escutcheon-plate is provided with a projecting bushing *a*, screw-threaded internally and fitted to an opening in the front plate *b* of the box or drawer securely held by screws or other means of fastening.

The guard-rod B extends through an opening in the bushing and is provided with a sleeve, which may be secured thereto in any suitable way, but preferably by a threaded connection with the sleeve shrunk upon the rod so as to make the connection secure. The sleeve has an exterior thread adapted to engage the interior threads of the bushing, as shown in Fig. 1, where the sleeve is indi-

cated as *c*, and the extreme outer end of the guard-rod is threaded, but in a reverse direction to the thread upon the sleeve, and the knob D has a central screw-threaded opening adapted to engage the threaded end of the guard-rod, as clearly shown in Fig. 1. It will thus be seen that by reason of the fact that the sleeve *c* is secured rigidly to the guard-rod it practically forms a part thereof and when it is to be inserted and screwed home the knob D is first screwed upon the extreme end of the guard-rod—say by turning to the left—and then the knob is turned to the right to screw the sleeve *c* into the socket of the bushing *a*, the sleeve being reversely threaded. The connection between the knob and the end of the guard-rod is sufficiently tight and the threaded connection between the sleeve and bushing sufficiently free to permit the screwing home of the sleeve without starting the knob D from the end of the guard-rod. Just as soon as the sleeve reaches the end of the socket in the bushing the friction will be sufficient to start the knob D, and by continuing to turn it it will be screwed off from the end of the guard-rod. This will leave the parts locked and incapable of being tampered with in the absence of the knob. When it is desired to release the parts, the knob is screwed on until its flange *d* comes in contact with the face of the escutcheon-plate, when its continued rotation will effect the unscrewing of the sleeve *c* and the consequent unlocking of the parts.

What I claim is—

1. In combination with a threaded bushing or escutcheon-plate, a rod as B, having a threaded connection therewith and a removable knob having a threaded connection with said rod, the threads on the bushing and the threads on the knob being reversely arranged, substantially as described.

2. In combination with a threaded bushing or escutcheon-plate, a rod as B having a threaded connection therewith, a removable knob threaded on said rod and in a direction reverse to the direction of the threads on the bushing and a flange on said knob adapted to bear against the escutcheon-plate, substantially as and for the purpose set forth.

3. In combination with a threaded bushing
the escutcheon-plate, a guard-rod B, a thread-
ed sleeve thereon engaging said bushing, a
removable knob D threaded on said rod in a
5 direction reverse to the connection between
the sleeve and bushing, and a flange on said
knob, substantially as described.

In witness whereof I have hereunto set my
hand in presence of two witnesses.

WILLIAM EVARTS RICHARDS.

Witnesses:

WILLIAM WALLACE WHITE,
EDWARD K. STURTEVANT.