

(No Model.)

F. CARLSON.
INKSTAND.

No. 550,780.

Patented Dec. 3, 1895.

Fig. 1.

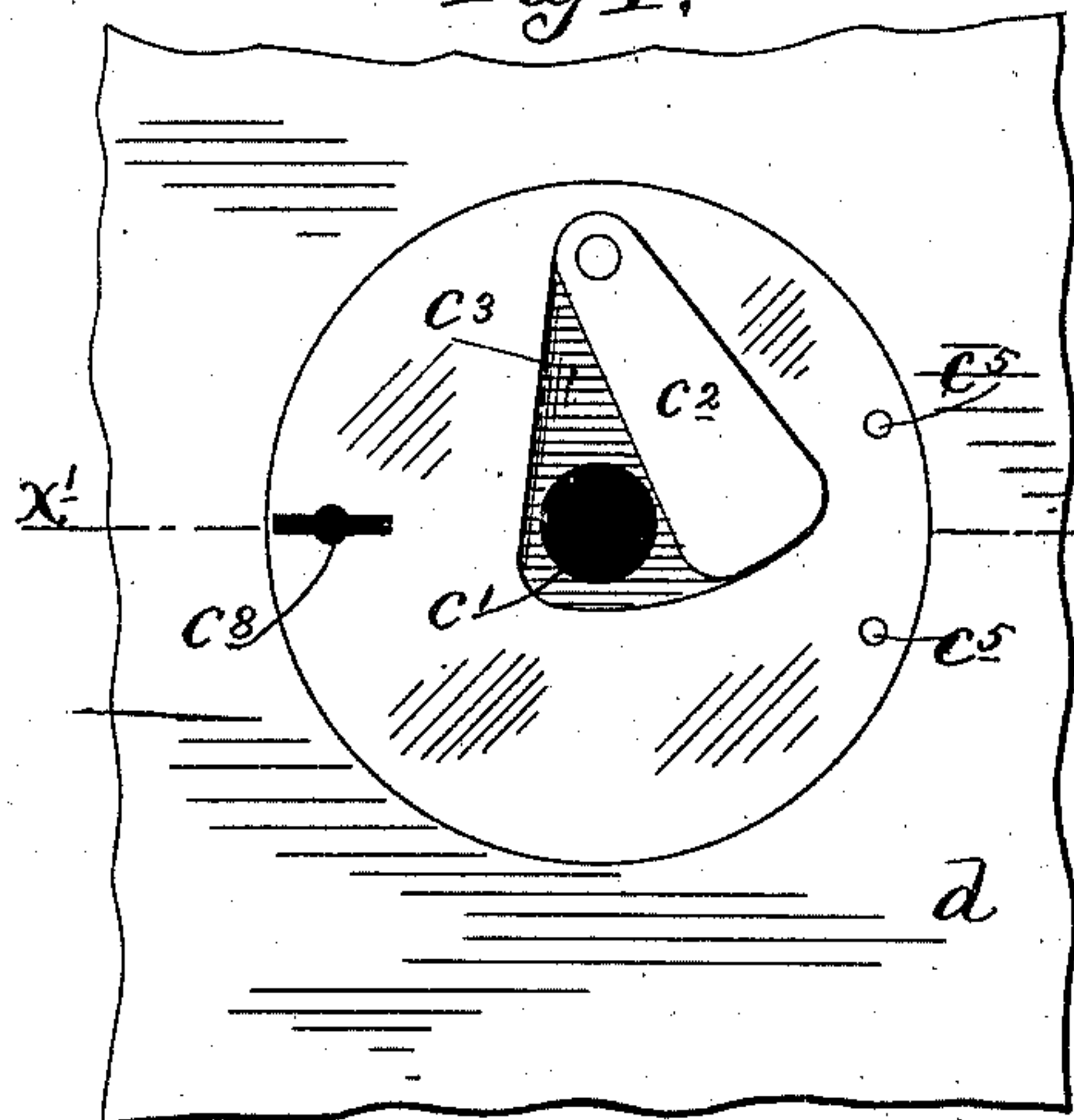


Fig. 3.

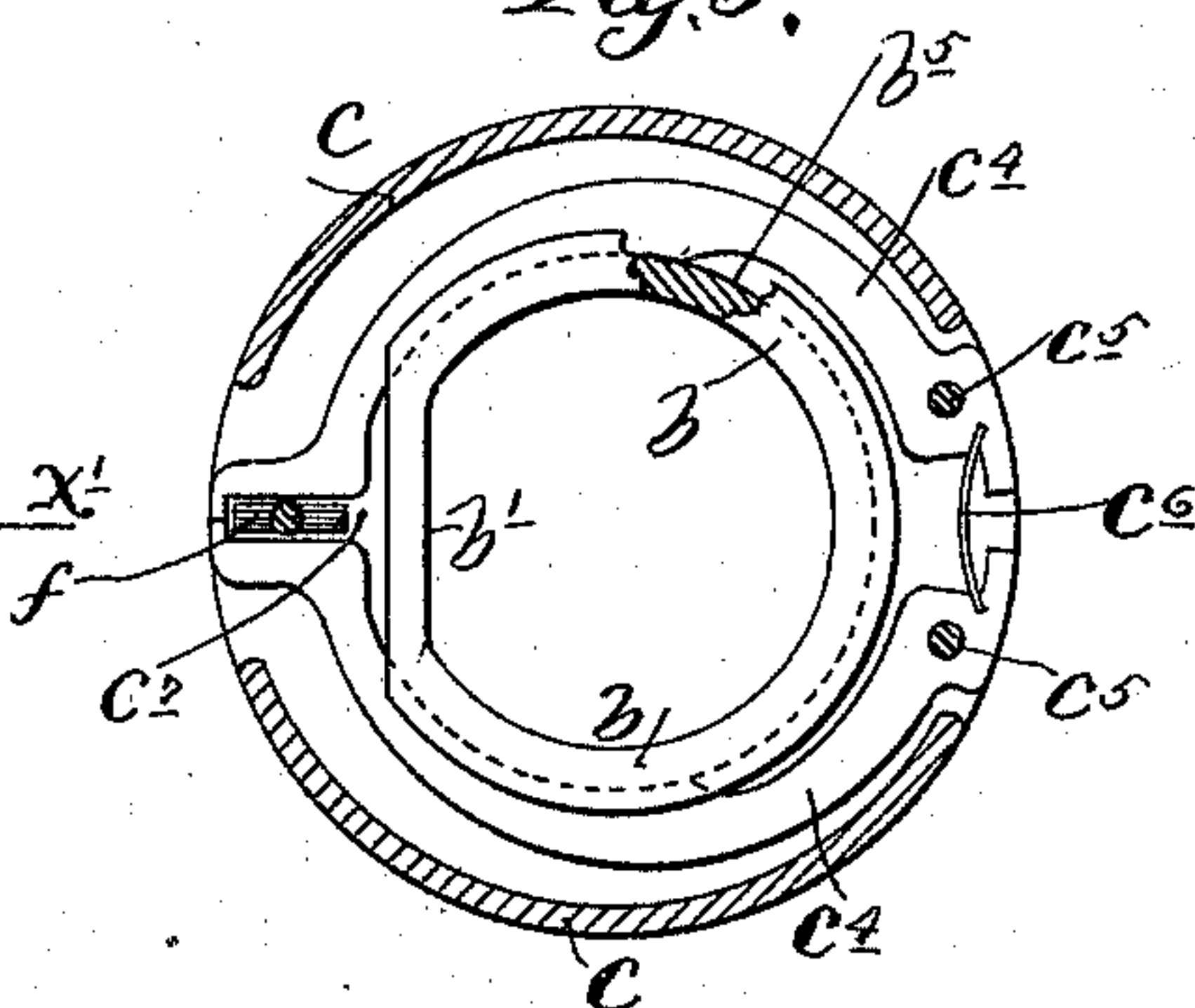


Fig. 2.

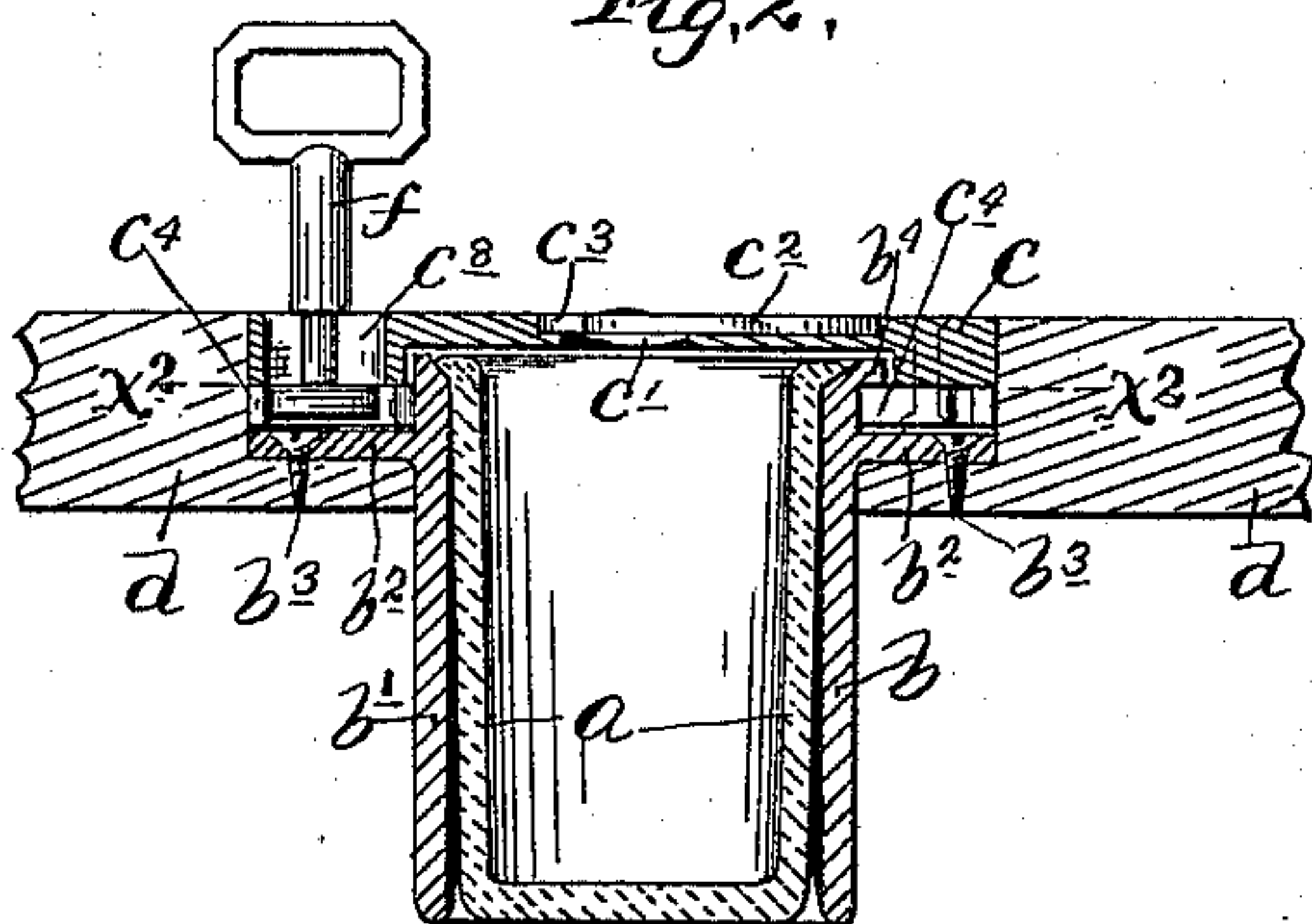


Fig. 4.

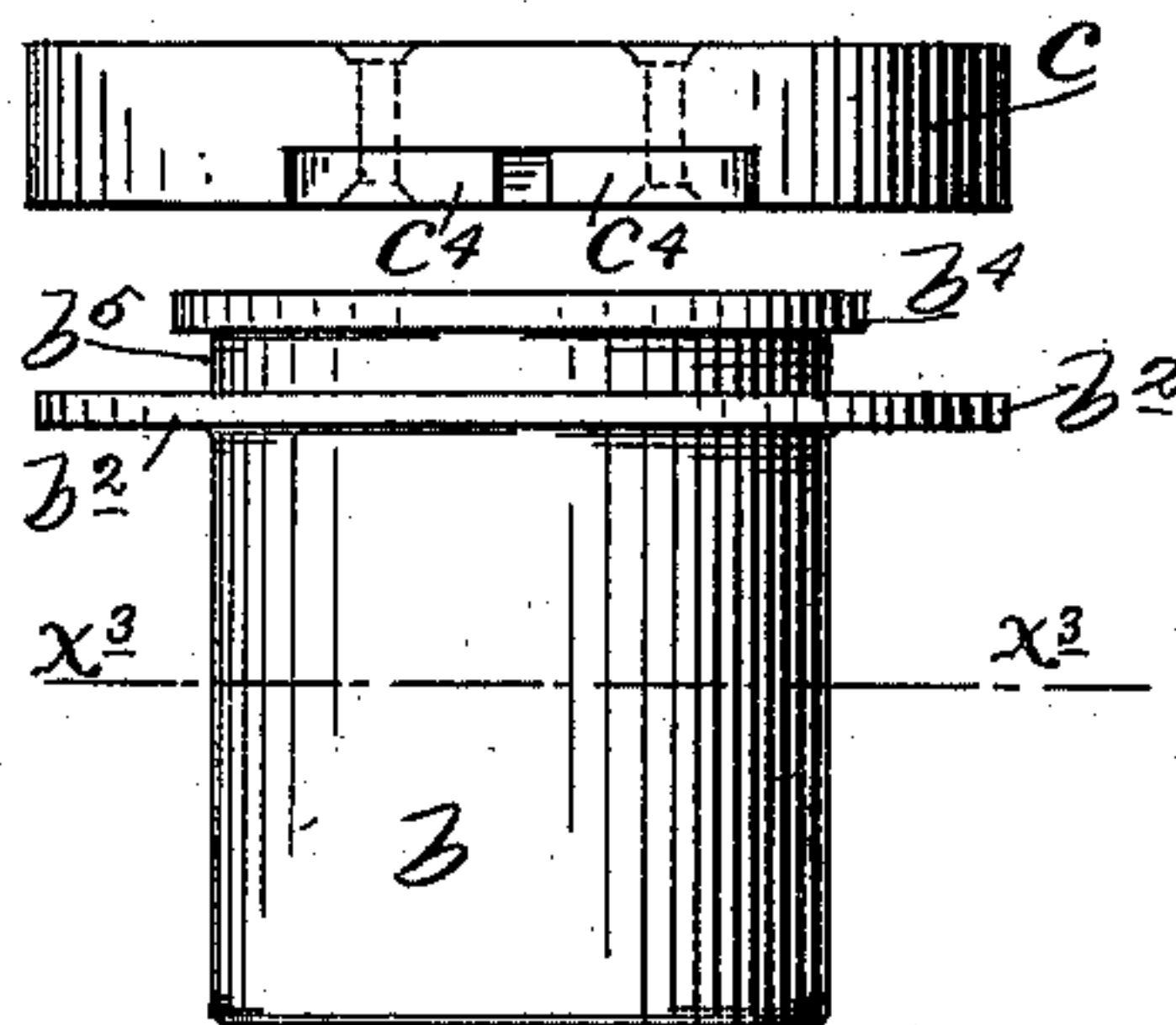
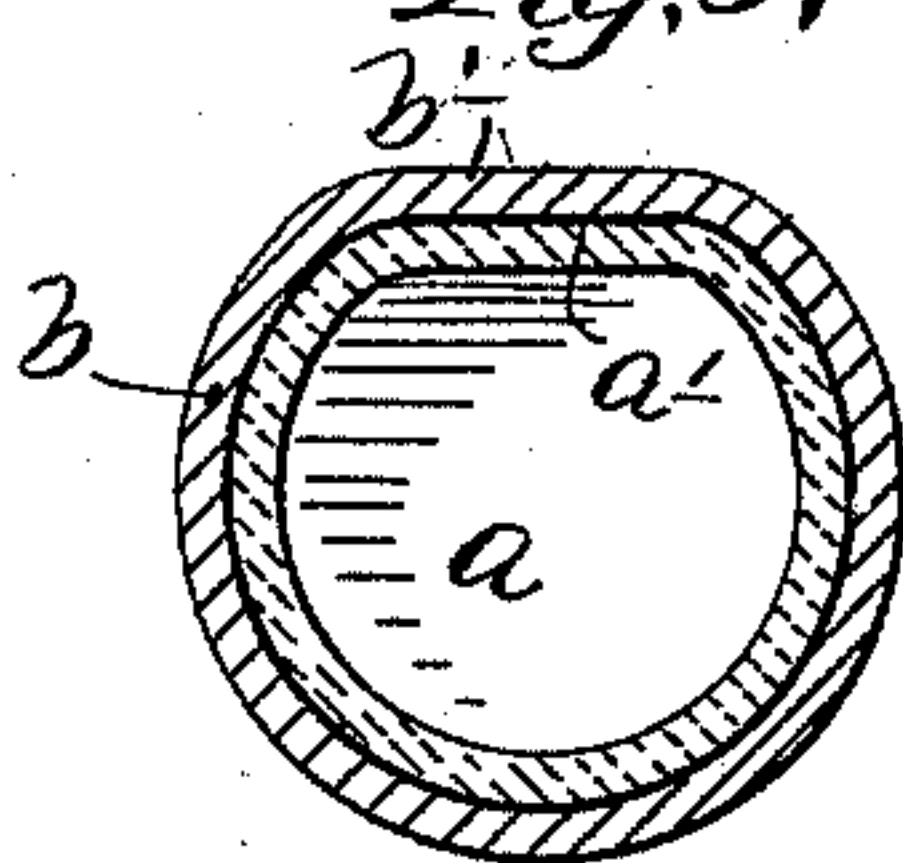


Fig. 5.



Witnesses,
E. Felix Elmore,
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Inventor,
Fred. Carlson,
By his Attorney,
Jas. F. Williams.

UNITED STATES PATENT OFFICE.

FREDERICK CARLSON, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR OF ONE-HALF TO GUST HELM, OF SAME PLACE.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 550,780, dated December 3, 1895.

Application filed October 9, 1894. Serial No. 525,323. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK CARLSON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Inkstands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to inkstands, and has for its object to provide an improved case for the ink-well, adapted to removably secure the well in any desired fixed position.

To this end my invention consists of the novel features of construction hereinafter described, and defined in the claims.

My invention is illustrated in the accompanying drawings, therein like letters referring to like parts.

Figure 1 is a plan view of the inkstand, secured to a school-desk or other support, with the parts of the stand locked together in their closed position, some parts of the desk being broken away. Fig. 2 is a vertical section of the parts shown in Fig. 1 on the line X' X' of Fig. 1, with the key of the lock in its seat. Fig. 3 is a horizontal section on the line X² X² of Fig. 2, looking from the top. Fig. 4 is a side elevation of the case detached, with the cover and body-section separated; and Fig. 5 is a horizontal section on the line X³ X³ of Fig. 5.

My improved inkstand was especially designed for use in schools to prevent the removal of the ink-wells from the desk, except as permissible for cleaning, with a view of thereby avoiding the loss incidental to breakage of the wells and the waste of the ink and the nuisance resulting from the spilling and splattering the ink, which is so common with the ordinary inkstand. To these ends I employ a flanged rimmed open-topped well *a*, of glass or other suitable material, which I preferably construct with at least one flat side, as shown at *a'*. For this well I provide a two-part or sectional case, consisting, as shown, of the body-section *b* and the top or a cover-section *c*, and combine with the same a suitable lock for securing the said sections together in their closed position in respect to each other.

As shown, the body-section *b* is open at its

top and is provided with one flat side, as shown at *b'*, for co-operation with the flat side *a'* of the well *a*, when in working position, to prevent the well from turning in the case. The body-section *b* is also provided near its top with a laterally-extended annular flange or collar *b²*, adapted to rest in the countersunk seat for the stand, formed in the desk *d* or other suitable support and to be secured thereto, so as to remain fixed therewith by lag-screws *b³*, or in any other suitable way. The body-section *b* is also provided with a rim-flange *b⁴*, which co-operates with the collar or flange *b²* to form a groove or seat *b⁵* for co-operation with a clamping-collar carried by the cap-section *c*.

The cap-section *c* is provided with a central perforation or hole *c'* for the passage of the pen and holder in dipping the same in the ink, and with a pivoted lid *c²* for said dip-passage, which plays within a countersunk seat *c³*, formed on the face of the cap-section. The said cap-section is provided on its interior with a pair of jaws *c⁴*, pivoted to the top wall of the cap, as shown at *c⁵*, and subject to the action of a spring *c⁶*, which tends to throw the jaws into their closed position. The said jaws *c⁴* and spring *c⁶* constitute together a spring-closing clamping-collar, which is adapted to engage with the groove or seat *b⁵* on the body-section when the two parts are in their closed position with respect to each other. The tips of the jaws meet at their outer ends, but are cut away inward of the said tips, as shown at *c⁷*, to afford clearance for the insertion of a key between the two. The top of the cap section is also provided with a key-passage *c⁸*.

When the two sections of the case are in their closed position with respect to each other, as shown in Figs. 1 and 2, the cap-section will be locked to the body-section by the co-operation of the clamping-collar of the cap and the seat for the same on the body; but the said two parts *b* and *c* may be unlocked and separated from each other by the insertion and operation of the key *f*, which, when in position in its seats *c⁷ c⁸*, will, upon turning the same, spread the jaws *c⁴ c⁴* of the clamping-collar apart and permit the cap-section to be lifted off from the body-section of the case.

The advantages of this form of inkstand

have already been noted. The particular construction shown is well adapted for the purposes had in view; but I do not desire to limit myself to this particular form, but wish to
5 claim, broadly, any kind of an inkstand provided with a lock for detachably securing the same in a fixed position, inasmuch as it is obvious that the details of the construction might be changed in various ways without de-
10 parting from the spirit of my invention.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A case for an ink-well, comprising a body section, a cap or cover section, a lock-collar
15 seat in one of said sections, and a lock engageable with said lock-collar seat, carried by the other of said sections, formed by a pair of semi-circular locking-jaws which are pivoted at their rear adjacent ends, and are provided

with key-engaging surfaces at their free ad- 20
jacent ends, adapted to be spread by the action of the key to disengage the jaws from said lock-collar seat, and a spring normally holding said lock-jaws in their closed position, substantially as described. 25

2. The inkstand comprising the well *a a'*, the case body *b b'* with flanges *b² b⁴* and groove *b⁵*, the cap section *c* with clamping collar *c⁴*, dip hole *c'* and key seats *c⁷ c⁸*, and the key *f*, all substantially as and for the purpose set
30 forth.

In testimony whereof I affix my signature in presence of two witnesses.

FRED. CARLSON.

Witnesses:

GUST HELM,

JAS. F. WILLIAMSON.