

(No Model.)

M. JACKSON.
PADLOCK.

No. 464,326.

Patented Dec. 1, 1891.

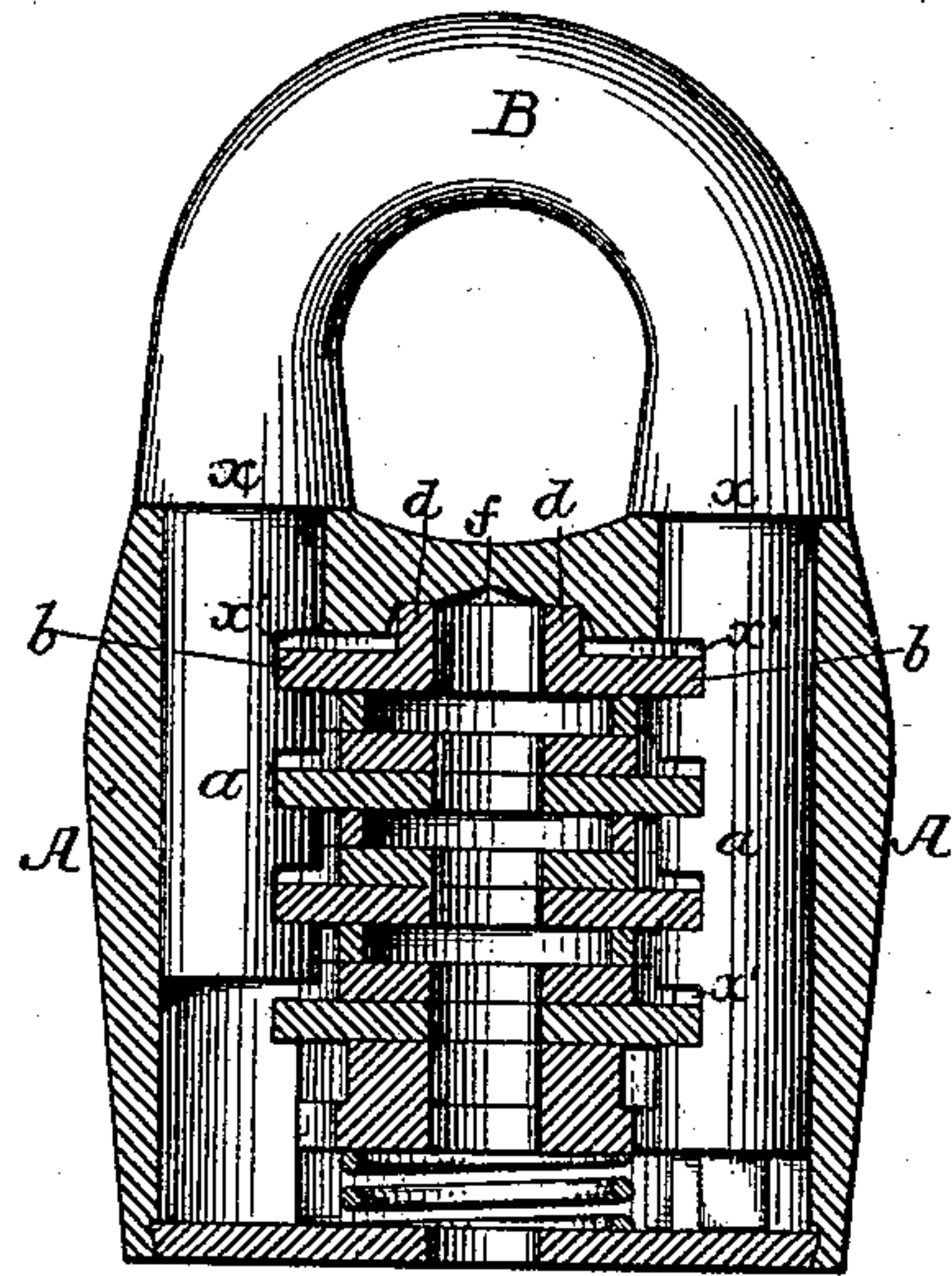


FIG. 1.

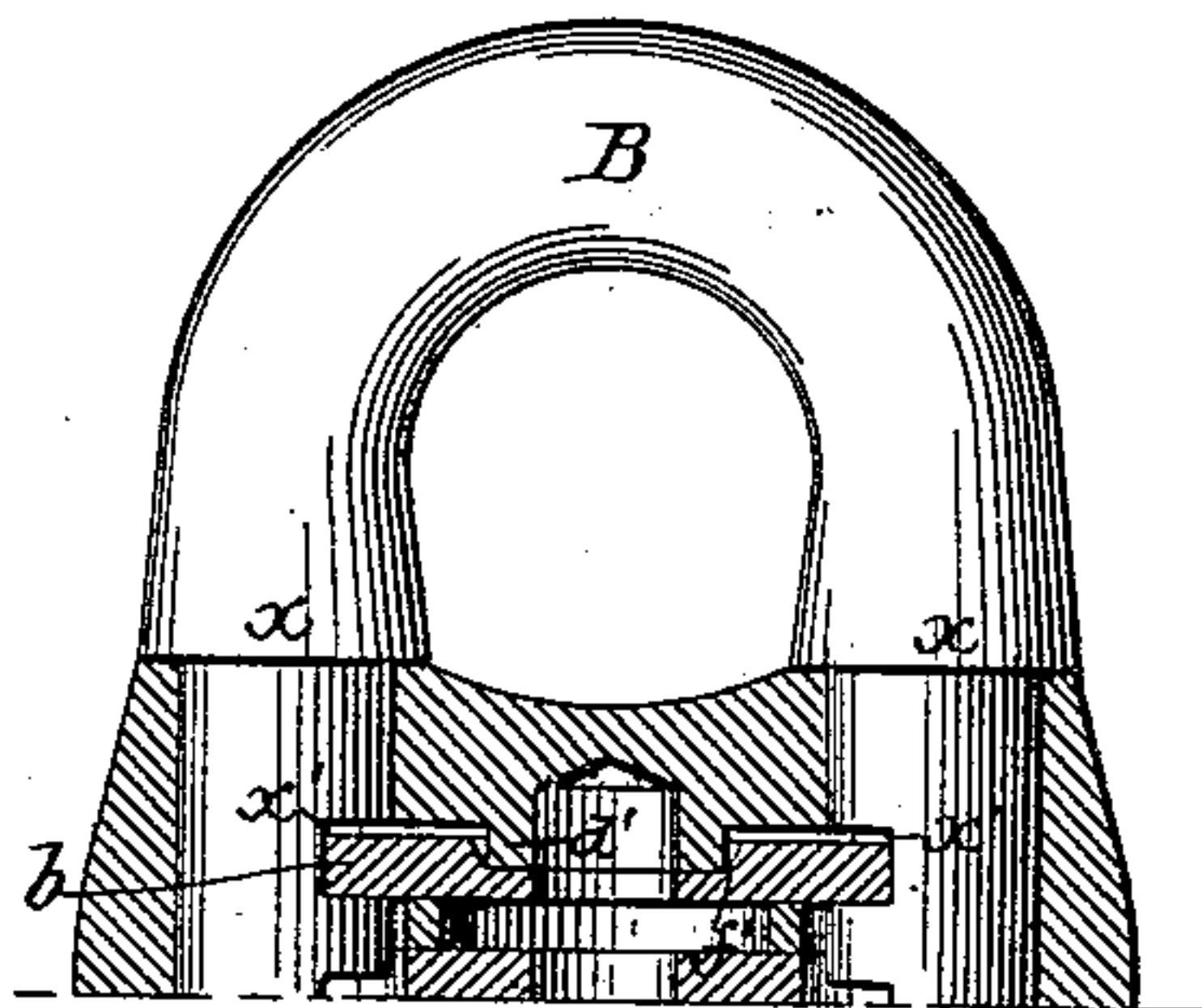


FIG. 5.

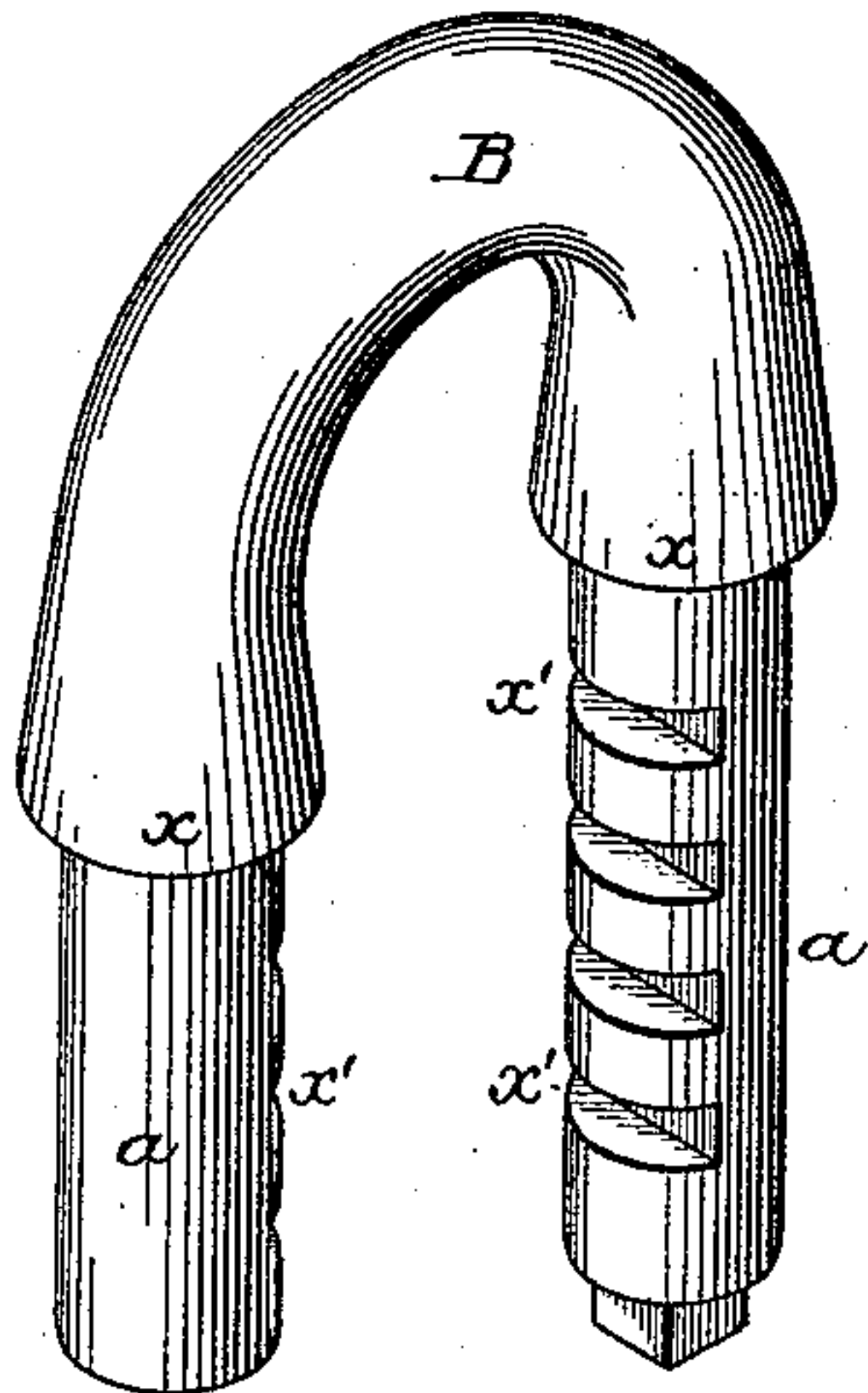


FIG. 2.

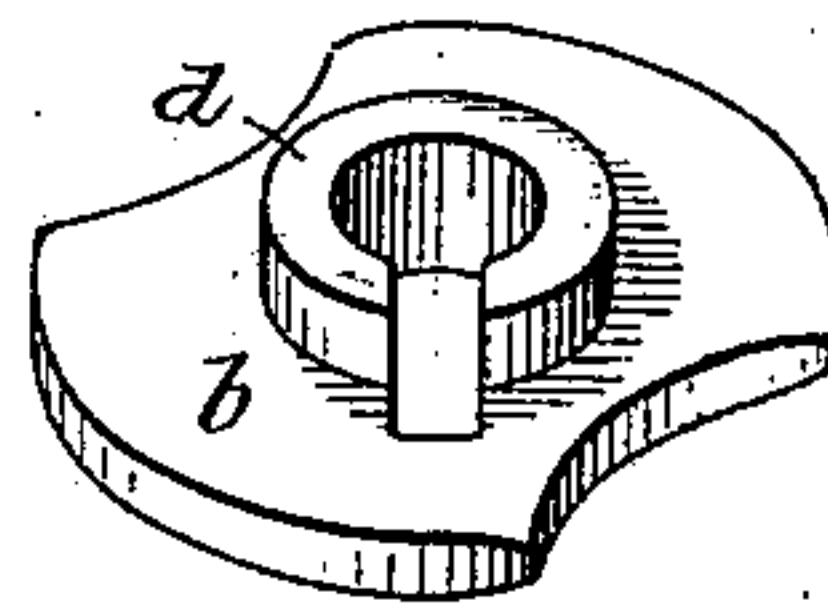


FIG. 4.

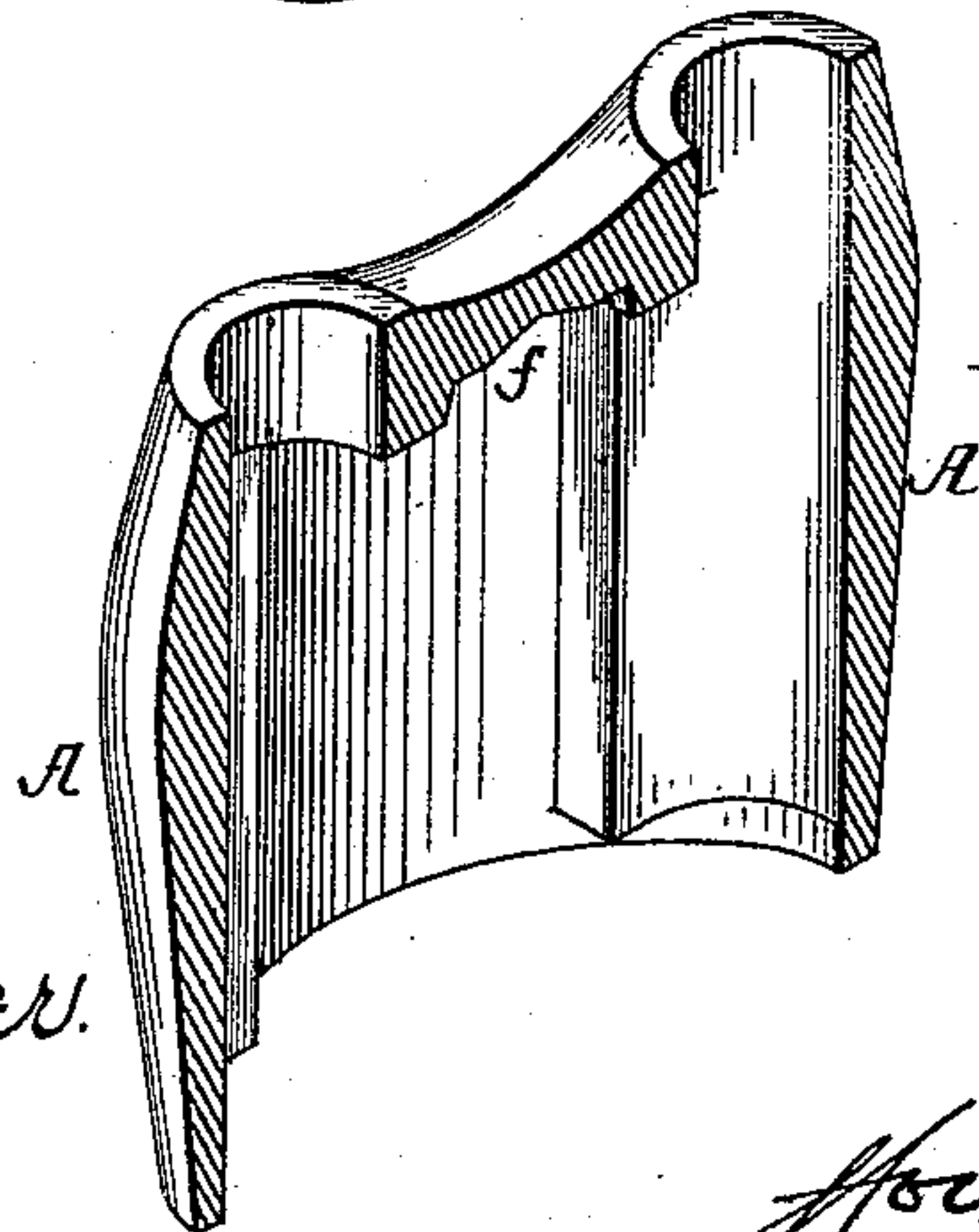


FIG. 3.

Witnesses:
Hamilton D. Turner.
Alex. Darkoff

Inventor:
Milton Jackson
by his Attorneys
Hewson & Hewson

UNITED STATES PATENT OFFICE.

MILTON JACKSON, OF PHILADELPHIA, PENNSYLVANIA.

PADLOCK.

SPECIFICATION forming part of Letters Patent No. 464,326, dated December 1, 1891.

Application filed June 18, 1890. Serial No. 355,840. (No model.)

To all whom it may concern:

Be it known that I, MILTON JACKSON, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Scandinavian Padlocks, of which the following is a specification.

My invention relates to that class of padlocks known under the general name of "Scandinavian locks," in which the tumblers engage with notches in the legs of the hasp, the object of my invention being to provide a ready means of insuring the snug fitting of the tumblers to the hasp so as to prevent movement of the latter when it is locked. This object I attain in the manner hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal section of a padlock constructed in accordance with my invention. Figs. 2, 3, and 4 are perspective views of parts of the same; and Fig. 5 is a sectional view illustrating a modification.

A represents the outer case of the lock and B the hasp, the legs *a* of which are notched, as usual, for the reception of the tumblers, which, with the exception of the top tumbler *b*, may be similar to those ordinarily employed in locks of this class. The body of the lock-casing is single, and said casing is closed at the lower end by a cap or cover-plate. The upper most tumbler *b*, however, has on its upper side a segmental flange or rib *d*, partially surrounding the central opening formed in the tumbler for the reception of the stem of the key, and this flange or rib is seated in a recess *f* in the top of the casing A of the lock when the parts are fitted together as shown in Fig. 1. In preparing the lock-casing this opening is milled out by means of a suitable tool to a certain depth, and upon this milled seat the upper edge of the rib *d* of the top tumbler *b* has its bearing. Hence by simply grinding or filing off the top of this rib the distance between the top of the casing A and the bottom of the tumbler *b* may be readily adjusted so as to accord exactly with the distance from the shoulders *x* of the legs of the

hasp to the bottoms of the top notches *x'* therein, and as the remaining tumblers are of a thickness according to the notching of the hasp a snug fit of all of the tumblers against the bottoms of the notches is insured and the firm retention of the hasp when the same is locked is thereby effected, so that there cannot be any such movement of the hasp as would facilitate the picking of the lock.

In order that the top tumbler may have a wedge-like action upon the upper notches of the hasp as it is turned, so as to cause its wings to engage with said notches, each of said wings is beveled off at its corners, as shown in Fig. 4.

In Fig. 5 I have shown a lock in which a construction the reverse of that shown in Fig. 1 is adopted—that is to say, a rib or flange *d'* is formed in the inside of the case and a recess *f'* in the top tumbler.

Having thus described my invention, I claim and desire to secure by Letters Patent—

The combination of the lock-casing having a body in one piece, the hasp having shoulders seated on the top of the body and having notched legs, and the tumblers seated on the bottoms of said notches throughout the depth of the latter, the body of the casing having at the top an internal rib or recess bearing a definite relation to the outer bearings for the hasp and the top tumbler having a recessed or ribbed portion adapted to said rib or recess of the body, whereby said bearing portion can be readily reduced to determine the seating of the top tumbler on the bottom of the top recess of the hasp, thereby insuring the firm and rigid retention of the hasp, substantially as specified.

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

MILTON JACKSON.

Witnesses:

EUGENE ELTERICH,
HARRY SMITH.