

C. R. ARNOLD.
DOOR-FASTENING.

No. 175,899.

Patented April 11, 1876.

Fig: 1.

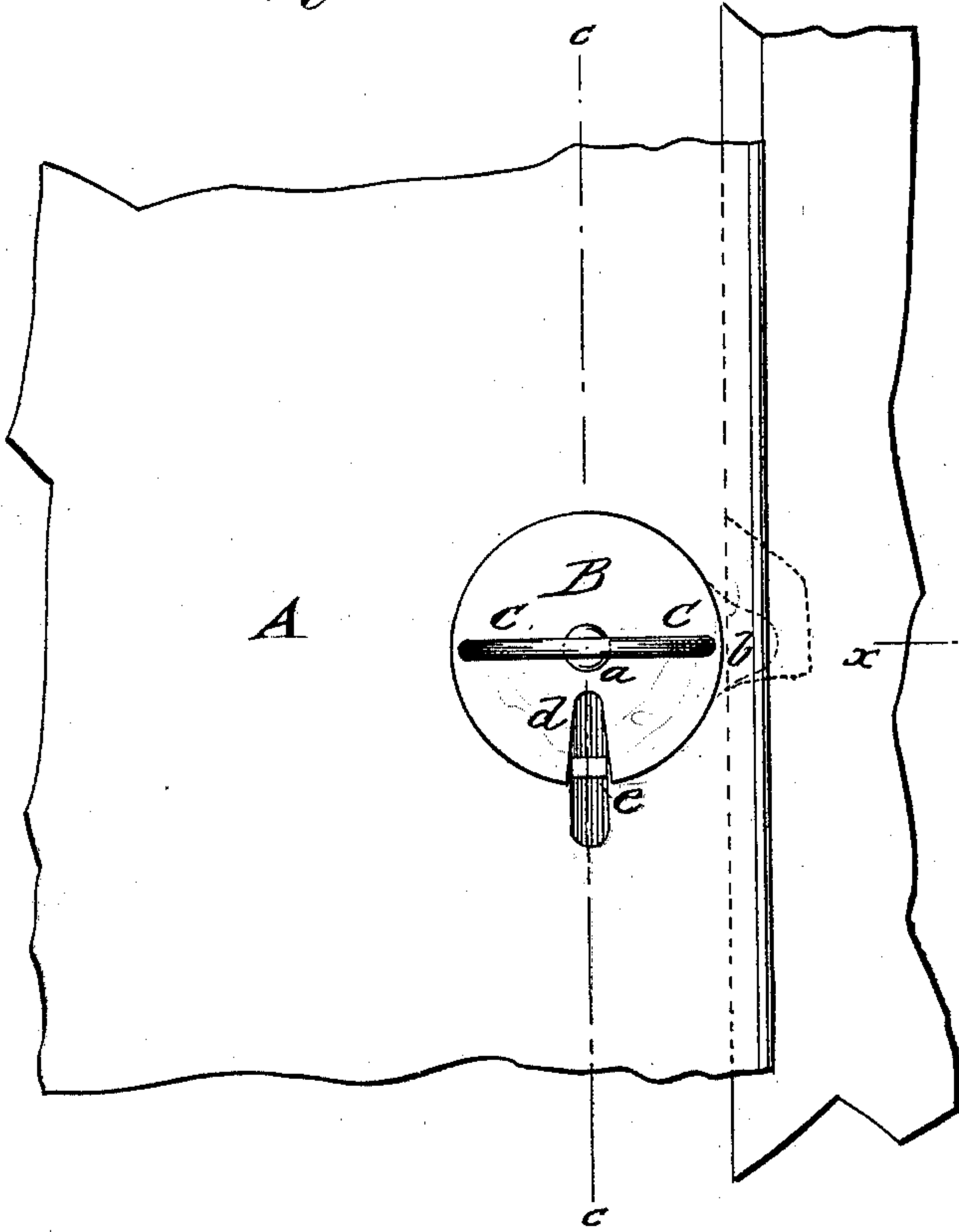


Fig: 2.

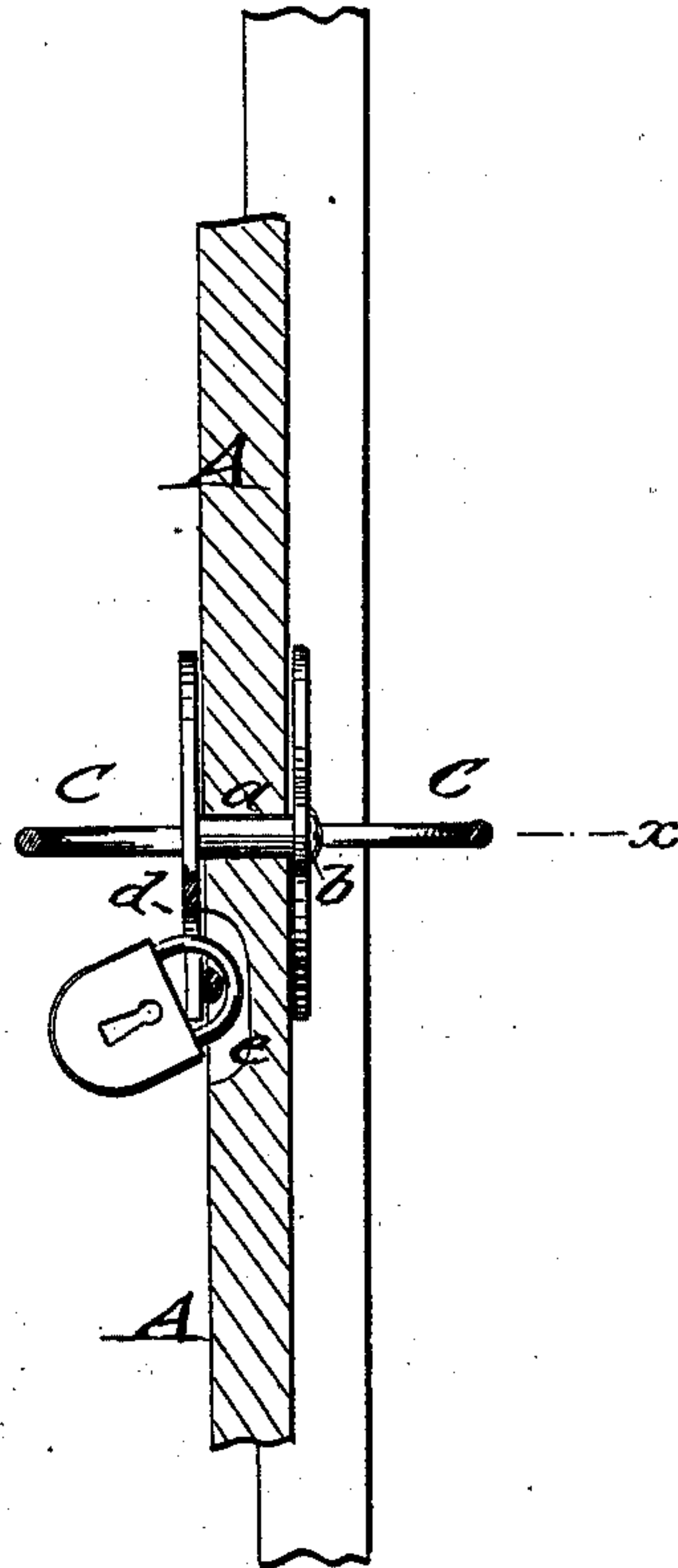
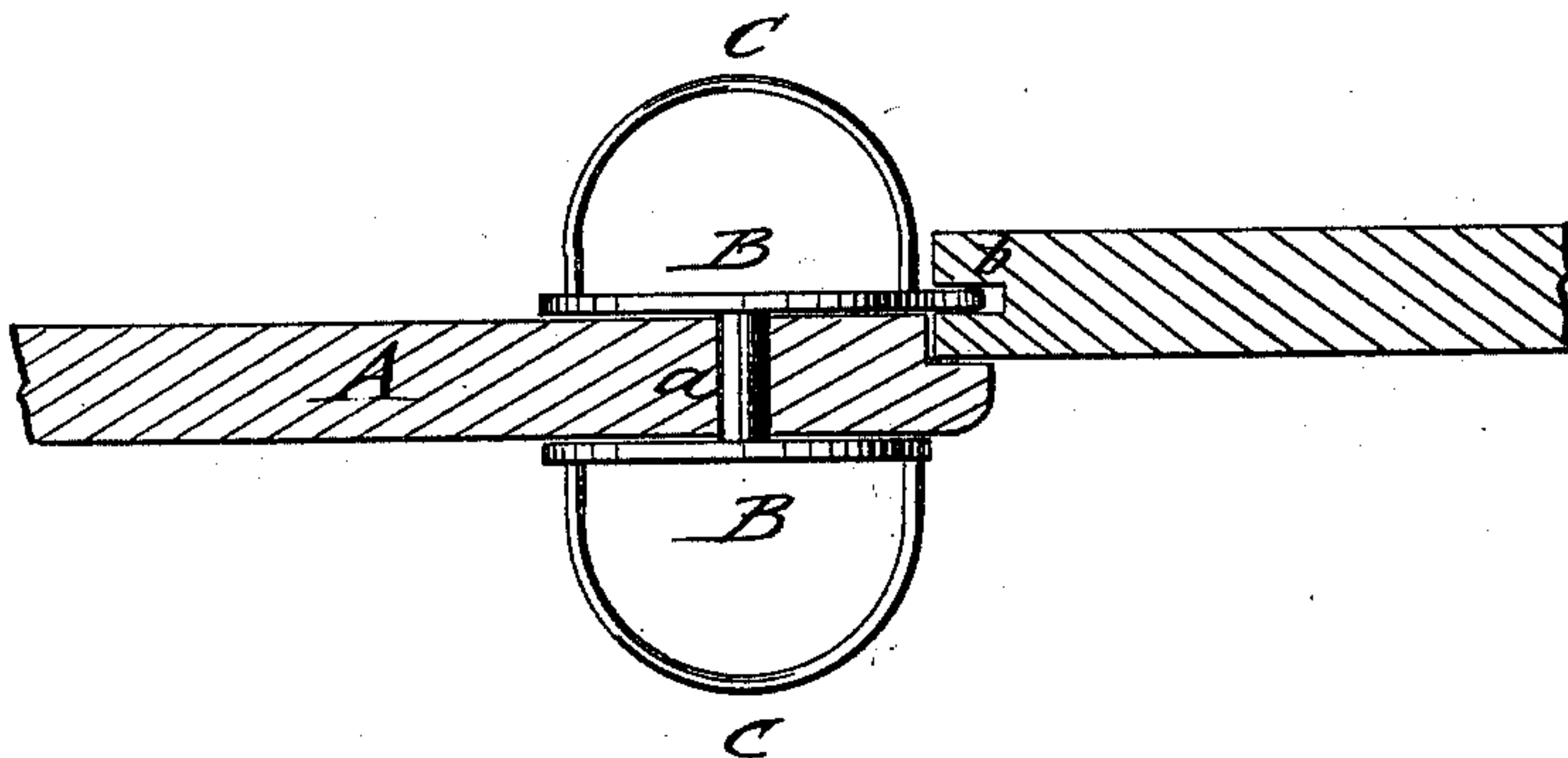


Fig: 3.



WITNESSES:

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UNITED STATES PATENT OFFICE

CHARLES R. ARNOLD, OF BLOOMINGDALE, NEW YORK.

IMPROVEMENT IN DOOR-FASTENINGS.

Specification forming part of Letters Patent No. 175,899, dated April 11, 1876; application filed March 13, 1876.

To all whom it may concern:

Be it known that I, CHARLES R. ARNOLD, of Bloomingdale, in the county of Essex and State of New York, have invented a new and Improved Door-Fastening, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view of my improved door-fastening device; Fig. 2, a side view, partly in section, on line *c c*, Fig. 1; and Fig. 3, a top view, partly in horizontal section, on line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

My invention relates to a quick, secure, and convenient fastening device for barn and other doors, gates, &c., by which the door may be opened with equal facility from both sides, and a reliable and durable lock secured.

The invention consists of a front and back plate connected by a pivot-bolt, and turned by handles or buttons. The inner plate has an extension or tongue to lock into the door-frame, and the outer plate a recess for attaching a padlock, in connection with a countersunk staple of the door below the plate.

In the drawing, A represents a barn, stable, or other door or gate, which is provided at both sides with disk or otherwise shaped plates or pads B, that are connected through the door by a center-bolt, *a*, to which they are applied by a fastening screw-nut, rivet, or other device. The plates B are provided with handles or buttons C, to be readily turned on their center-bolt. The inner plate B has a tongue-extension, *b*, that rests, when turned down, on a socket-recess or pin of the door-frame, while at the same time the front plate

B uncovers, by a recess or slot, *d*, a countersunk staple or eye, *e*, of the door, through which a padlock is placed to lock the door. The closing-plates may also be arranged to swing to either side in the socket-recess of the door-frame, the recess front plate being then required to be set to the countersunk staple.

The recess *d* of the front plate may extend from the circumference toward the inside, so that the plates are locked by contact with the padlock; or the recess may be closed at the circumference, so that the bow of the padlock may be passed through the front plate and staple below.

The advantage of this fastening is in the quick and convenient opening and closing from either side, being also strong and reliable, and, on account of its simplicity, cheap and durable.

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

1. A door fastening or lock, made of front and rear plates B, with handles or buttons C turning on a connecting center-bolt, *a*, passing through the door, and locking by a tongue-extension, *b*, of the inner plate into a socket-recess of the door-frame, substantially as and for the purpose set forth.

2. The combination of the recessed front plate B with a staple *e*, countersunk below the plate to admit attaching of padlock for locking plate and door, substantially as set forth.

CHARLES R. ARNOLD.

Witnesses:

GEORGE HARRIS,
J. C. FARNSWORTH.