

No. 711,326.

Patented Oct. 14, 1902.

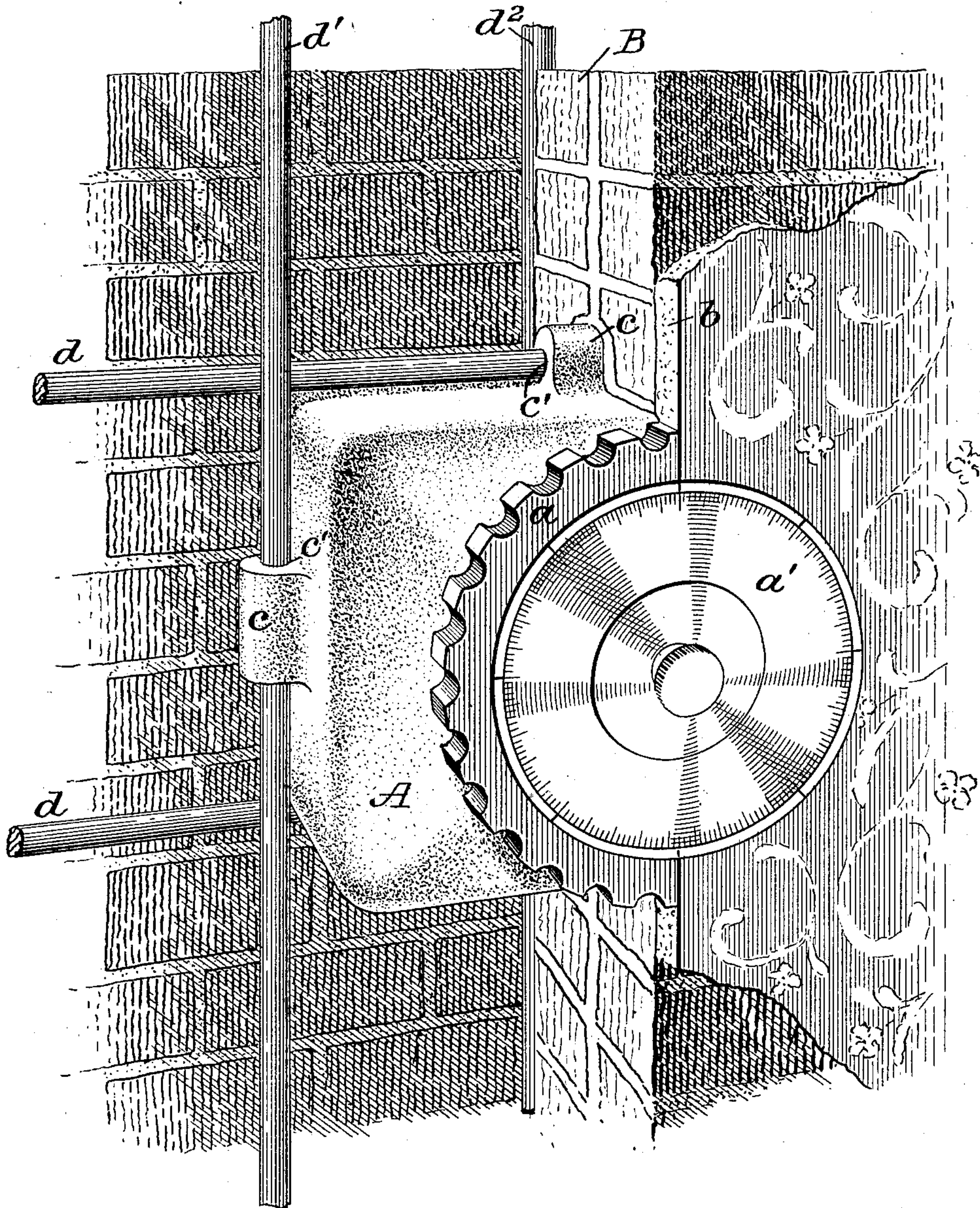
H. C. LOWRIE.
WALL SAFE OR LOCK BOX.

(Application filed May 5, 1902.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.



Attest:
W. H. Keale
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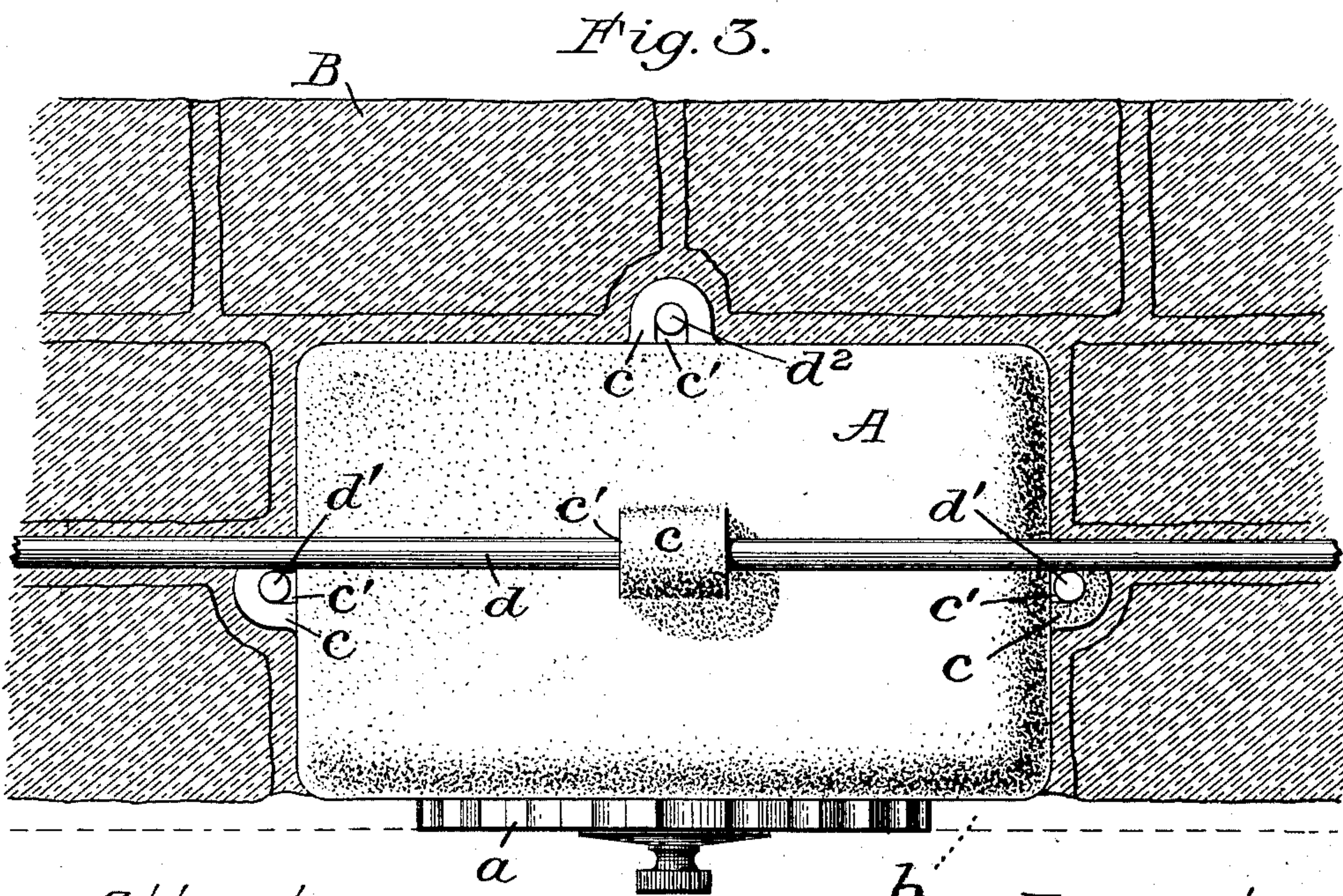
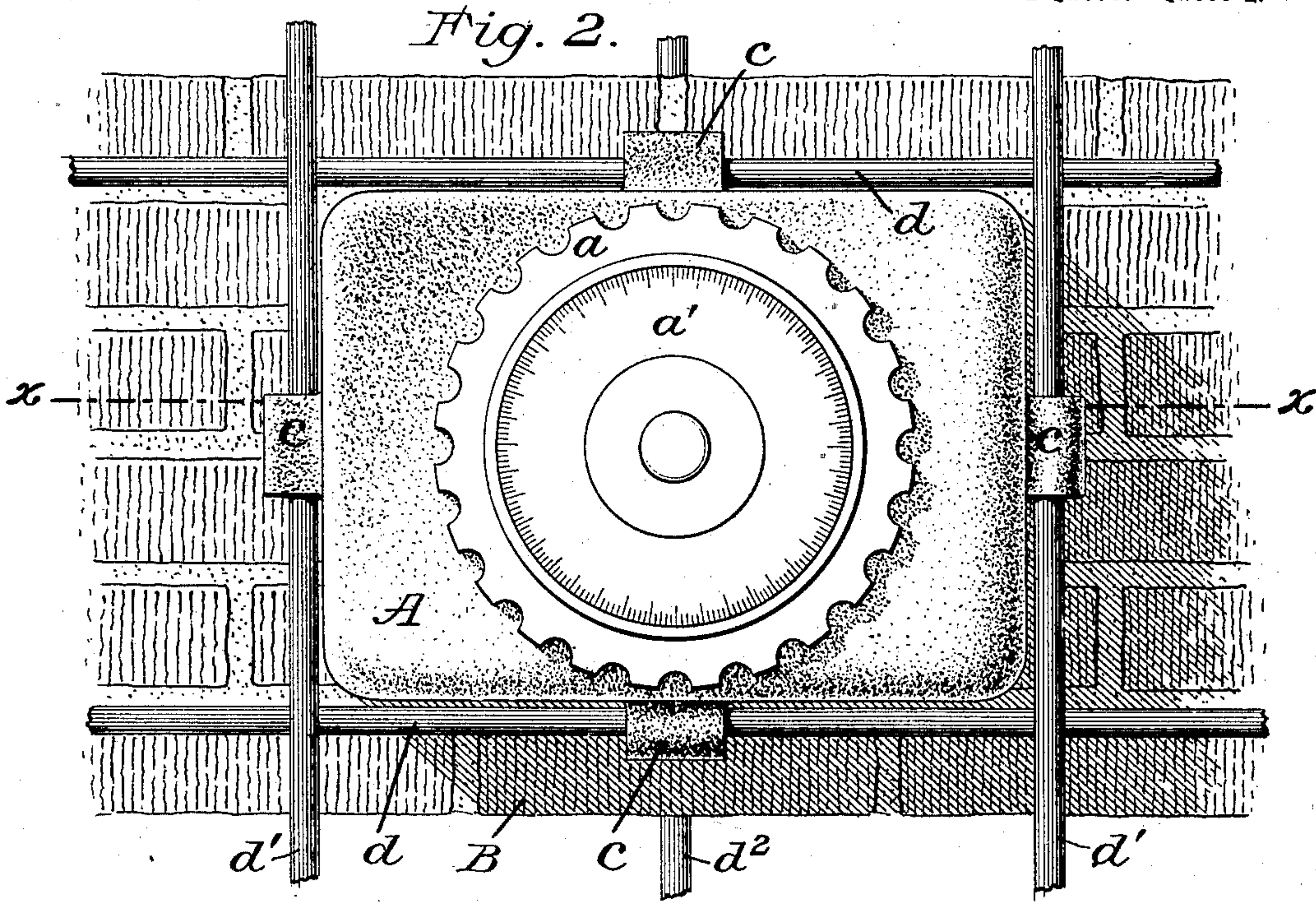
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

HARVEY C. LOWRIE, OF DENVER, COLORADO.

WALL-SAFE OR LOCK-BOX.

SPECIFICATION forming part of Letters Patent No. 711,326, dated October 14, 1902.

Application filed May 5, 1902. Serial No. 105,936. (No model.)

To all whom it may concern:

Be it known that I, HARVEY C. LOWRIE, a citizen of the United States, residing at Denver, in the county of Arapahoe and State of Colorado, have invented new and useful Improvements in Wall-Safes or Lock-Boxes, of which the following is a specification.

My invention relates to a safe or lock-box designed to be built into a brick or other wall; and it has for its object simple and effective means for anchoring the safe and preventing its removal without also removing a considerable portion of the surrounding wall.

Broadly stated, my invention consists in providing the safe with exterior lugs, which are located to the rear of the plane of the front wall of the safe and adapted to cooperate with anchoring bars or rods for securing the safe to the wall into which it is built, as will be hereinafter explained.

To more particularly describe my invention, I will refer to the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of a brick wall which has been broken away for disclosing a safe built therein embodying my invention. Fig. 2 is a front view of the same with the bricks composing the face of the wall removed, and Fig. 3 is a horizontal section of the same on line xx of Fig. 2.

It is to be understood that safes embodying my invention may be made in varying sizes and shapes to suit particular uses or to adapt them to the wall into which they are to be built. The safe A illustrated in the drawings is designed for a thirteen-inch brick wall B and is such as may be built into the walls of apartment-house or hotel rooms for the individual use of the occupants. Said safe is therefore about eight inches deep and occupies a space in the wall B equal to the thickness of the face and filling of the wall, leaving a space at the rear for the bricks composing the rear of the wall which is unbroken by the safe. The safe is built into the wall with its front surface practically flush with the face of the wall; but it is provided with a door-casing a , which projects therefrom to about the thickness of the usual wall-plastering b , so that the safe-door a' may be flush with the finished wall, as clearly shown in Fig. 1. The top, bottom, two sides, and rear

of the safe are each provided with a lug c , which is perforated or bored, as at c' , for the reception of an anchoring rod or bar. The lugs c on the top, bottom, and two sides of the safe are so located that they will occupy the dividing-line separating the bricks composing the face and filling or core of the wall into which it is built. The perforations c' through the lugs on the top and bottom of the safe are in a slightly-different vertical plane from the perforations through the lugs on the sides of the safe, so that the anchoring rods or bars d passing through the lugs on the top and bottom of the safe may pass the rods d' , which pass through the lugs at the sides of the safe; but it will be readily understood that the perforations through these lugs may all be in the same vertical plane and that the bars or rods may be slightly bent to permit them to pass each other. The lug c at the rear of the safe is preferably centrally located and may be perforated or bored to receive the rod d^2 horizontally or vertically, as may best suit the form of the safe or the character of the wall into which it is to be built.

The rods d d' d^2 are preferably cut from round commercial bar iron or steel, and they are sufficiently long to extend a considerable distance beyond the walls of the safe in both directions, so that when properly built into a wall, as shown, the safe will be anchored to a large area of the surrounding masonry.

It is to be noted that by a proper location of the lugs with reference to the front wall of the safe the rods d , d' , and d^2 will all occupy vertical joints in the wall B and that no special skill or knowledge will therefore be required to initially adjust the safe or properly inclose it in the wall.

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

1. A wall-safe or lock-box provided with exterior lugs located in the rear of its front wall and adapted to embrace anchoring-rods, substantially as and for the purpose set forth.

2. A wall-safe or lock-box having lugs on its top, bottom and sides, said lugs being substantially in the same vertical plane and adapted to embrace anchoring rods or bars, substantially as and for the purposes set forth.

3. A wall-safe or lock-box provided with perforated exterior lugs located to the rear of its front wall for the reception of anchoring-rods, substantially as and for the purposes set forth.

4. A wall-safe or lock-box having exterior lugs on its top, bottom and sides, said lugs being perforated or bored for the reception of anchoring rods or bars, the perforations through the lugs on the top and bottom of the safe being in a slightly-different vertical plane from the perforations through the lugs on the sides of the safe, substantially as and for the purposes set forth.

5. The combination with a safe or lock-box, of anchoring rods or bars removably secured to the walls thereof, said rods or bars being parallel with and of greater length than the wall to which they are secured, substantially as and for the purpose set forth.

6. The combination with a wall of masonry,

of a safe built therein, anchoring-rods occupying the joints between the bricks or stones composing said wall, said rods being of greater length than the walls of said safe, and means connecting said safe to said rods, substantially as and for the purpose set forth.

7. In combination with a wall of masonry, a safe provided with exterior perforated lugs, said safe being built in said wall, and anchoring-rods passing through the perforations in said lugs and occupying the joints between the bricks or stones of said wall, substantially as and for the purpose set forth.

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

HARVEY C. LOWRIE.

Witnesses:

AUGUSTINE L. CARROLL,
ANTHONY SNEVE.