

(No Model.)

D. M. READ.
FINGER LOCK FOR CHATELAIN BAGS.

No. 442,392.

Patented Dec. 9, 1890.

Fig. 1.

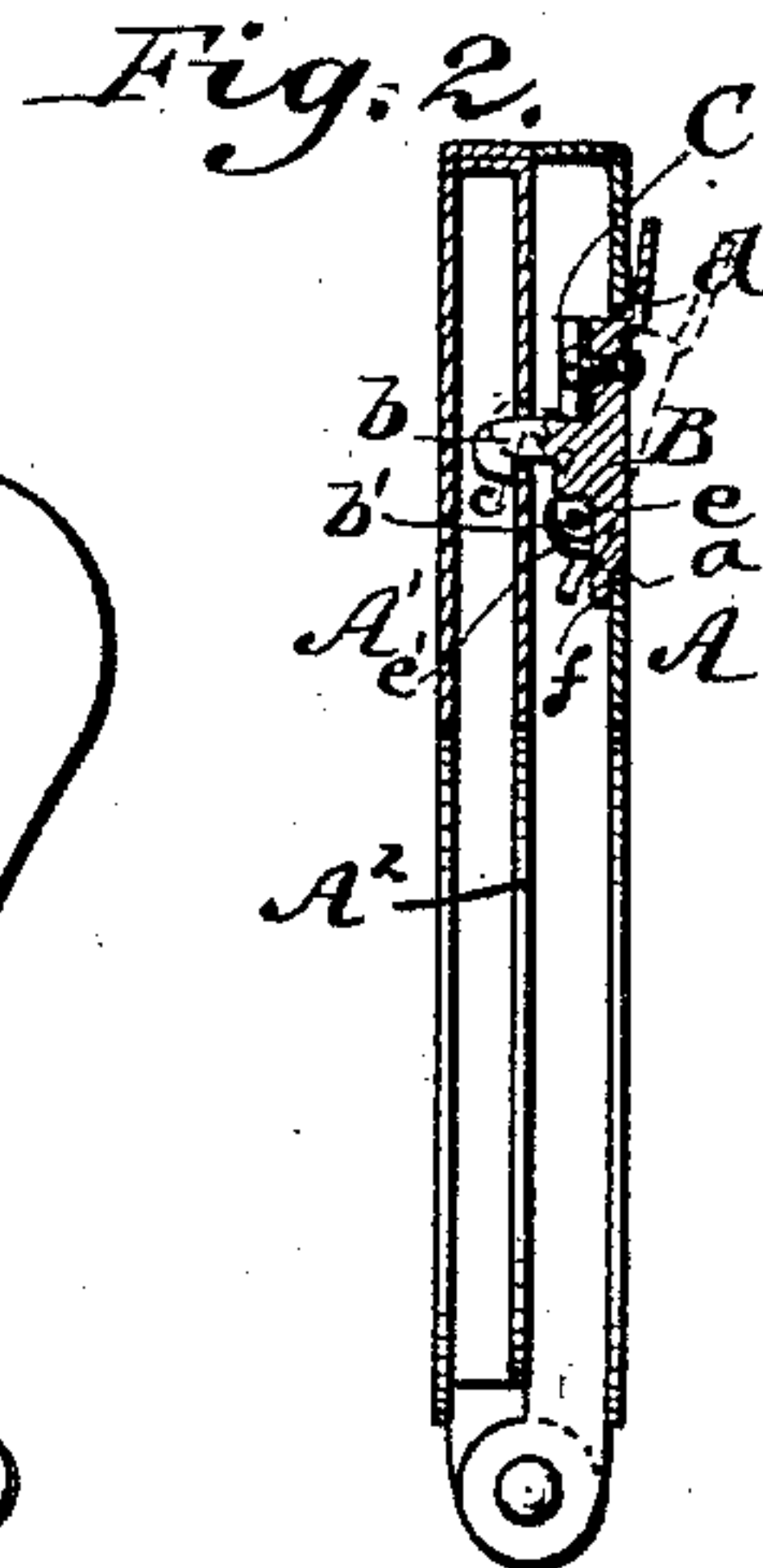
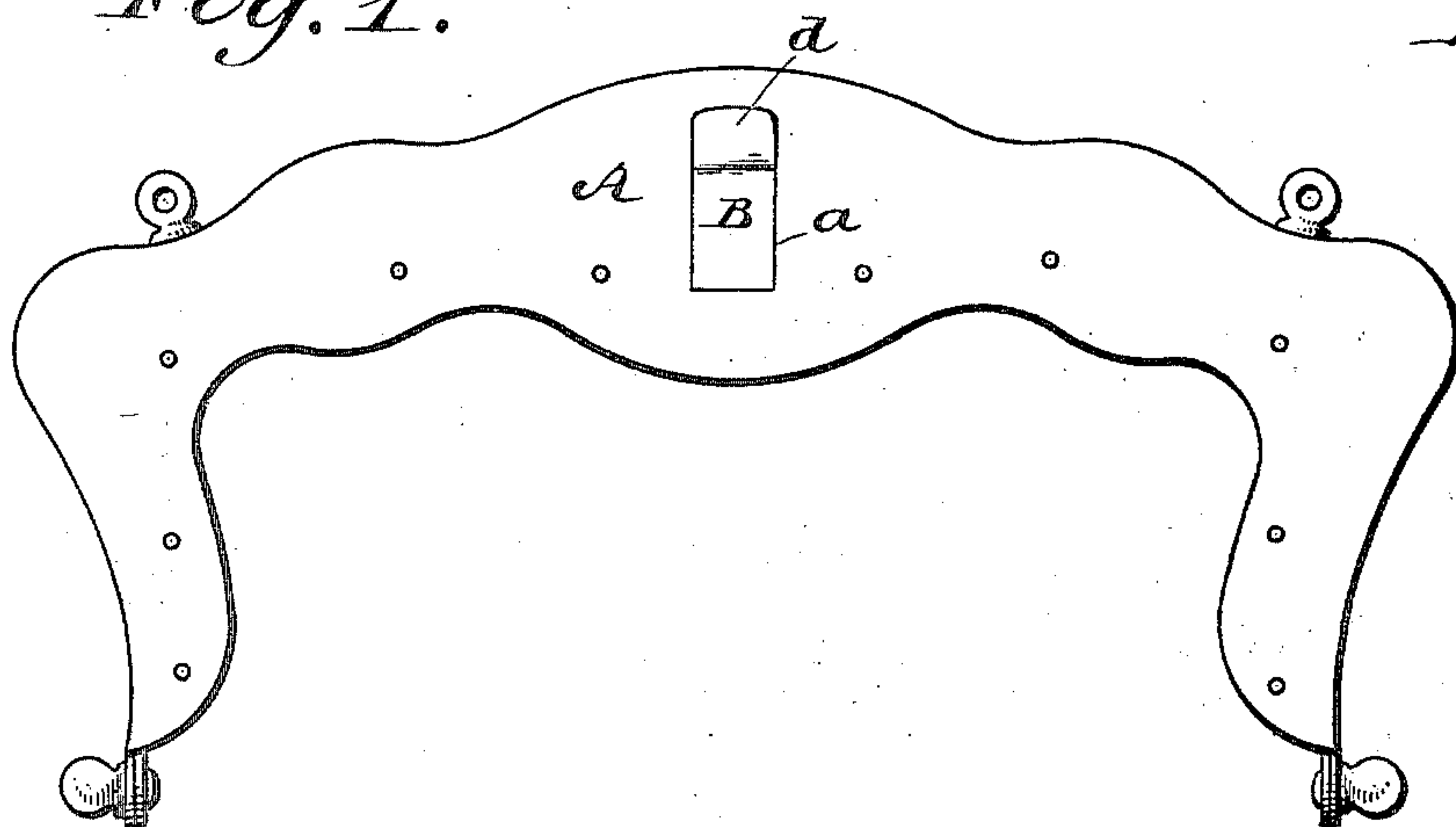


Fig. 3.

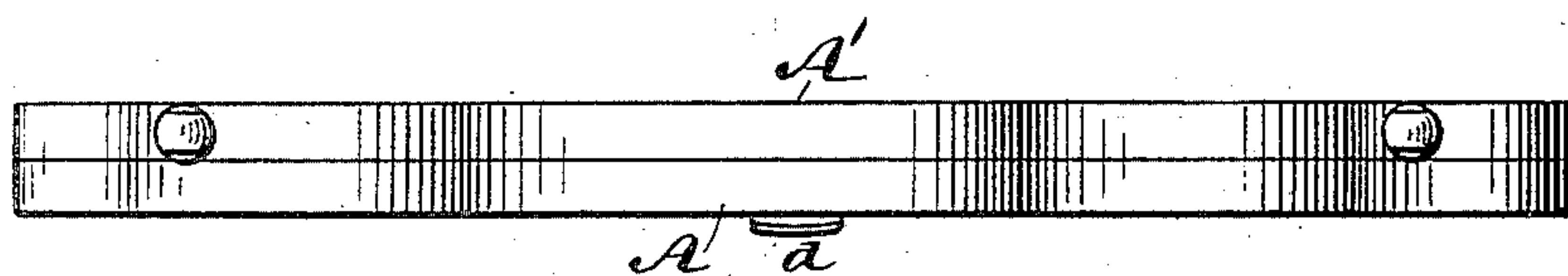
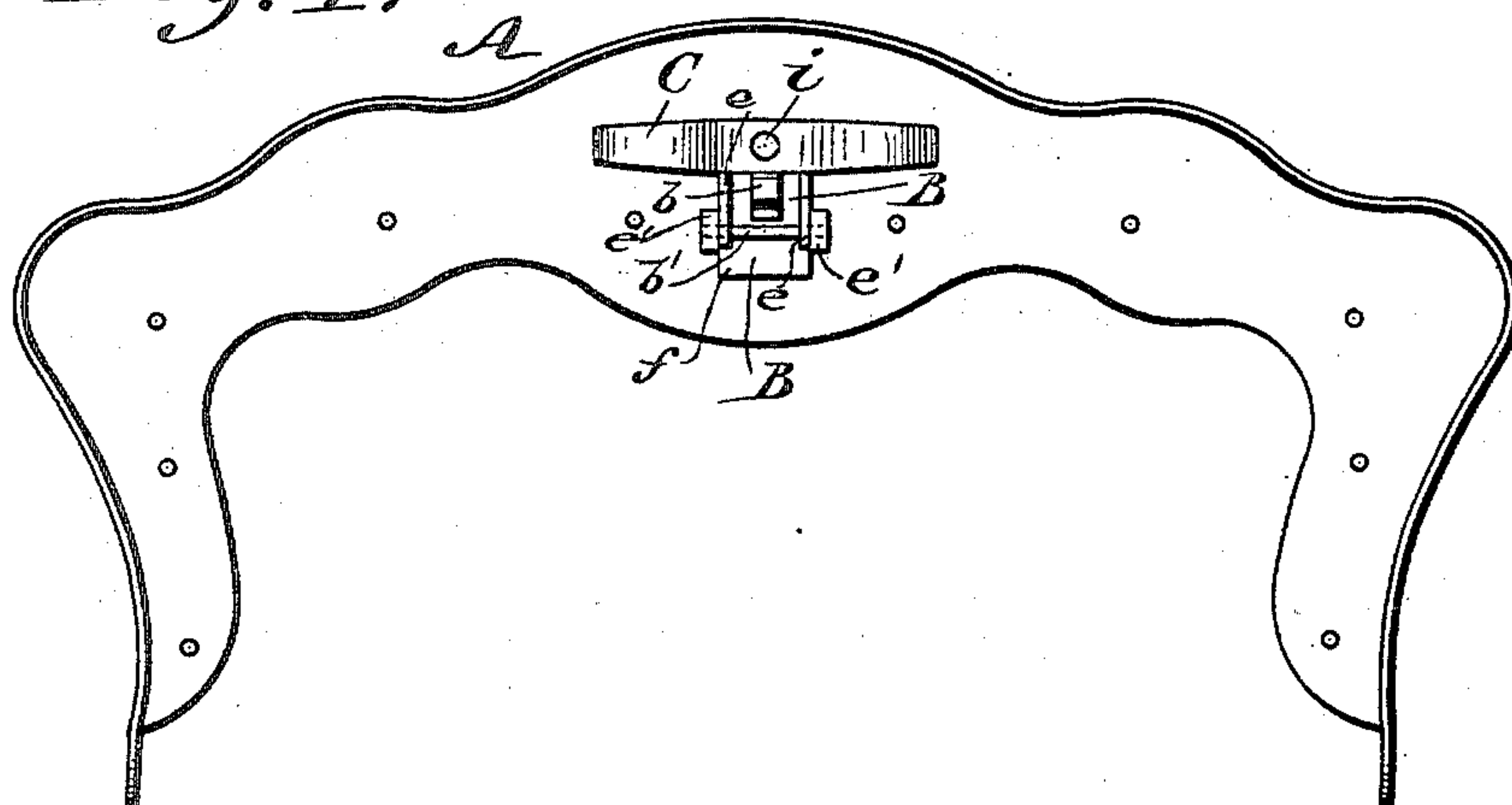


Fig. 4.



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FINGER-LOCK FOR CHATELAIN-BAGS.

SPECIFICATION forming part of Letters Patent No. 442,392, dated December 9, 1890.

Application filed February 20, 1890. Serial No. 341,143. (No model.)

To all whom it may concern:

Be it known that I, DANIEL M. READ, of the city, county, and State of New York, have invented a new and Improved Finger-Lock for Chatelaine-Bags, &c., of which the following is a full, clear, and exact description.

The object of my invention is to provide a practical finger lock or catch for bags, satchels, pocket-books, &c., having such construction that a simple down movement of the finger or thumb applied to the lock will operate the catch and at the same time open the bag or book.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation showing my invention applied to a chatelaine-bag frame. Fig. 2 is a transverse sectional elevation of the same. Fig. 3 is a plan view, and Fig. 4 is a front view, of the inner surface of the frame to which the catch is applied.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A A' represent the jaws of a chatelaine-bag. The face-plate of the jaw A is formed with an opening *a*, in which is fitted the lock-plate B, formed upon the inner surface with the catch *b* and pivoted on the small shaft or pin *b'*, located below the said catch *b*. Above the catch *b* is attached to the lock-plate the spring C, the ends of which impinge upon the inner surface of the jaw A and normally hold the lock-plate in position, so that its outer surface is flush with the outer surface of the jaw, filling the opening *a* perfectly. In this said position the catch *b* engages with or is adapted to engage with the opposite jaw A' or the inner plate A² thereof, formed with an aperture *c* to receive the catch, as shown clearly in Fig. 2.

The upper edge of the lock-plate B is formed or provided with the thumb-piece *d*, by which the lock-plate may be operated by pressing downward on the thumb-piece and turning it to the position shown in dotted lines in Fig. 2, and this movement being continued at the same time opens the bag, so

that the same act which operates the catch also opens the bag.

e and *e'* represent, respectively, the lugs on the lock-plate and frame through which the pivot-pin *b'* passes. These may be formed in any suitable manner. The lower edge of the lock-plate is formed with a lip *f*, which acts as a stop against the adjacent edge of the jaw to limit the inward movement of the lock-plate. The thumb-piece *d* also serves this purpose. The spring C is attached to the lock-plate by a rivet *i*, and the ends of the spring also act as stops to limit the outward movement of the lock-plate. The locking-plate on front of frame having an outward and downward movement, and if reversed, as in a pocket-book, an upward and outward movement, to release catch, is in unison with the movement of the opening of the jaws of the frame, which is also an outward and downward movement, and is therefore very convenient, besides being cheap and effective.

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

1. The jaw A, whose vertical surface is formed with an opening, combined with a lock-plate pivoted in said opening, and a spring for actuating the lock-plate, said plate being formed with an outwardly-projecting thumb-piece and an inwardly-projecting catch, substantially as described.

2. The lock-plate formed with a catch upon its inner surface and pivoted to the jaw at a point below the catch, combined with the jaw and a spring attached to the plate above the catch, the plate being formed or provided with an outwardly-projecting thumb-piece, substantially as described.

3. The lock-plate B, formed upon the inside with a catch *b* and upon the outside with a thumb-piece *d*, and formed with the lip *f* at its lower edge, combined with the jaw and the spring C above the catch and the pivot-pin *b'* below the catch, substantially as described.

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Witnesses:

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