

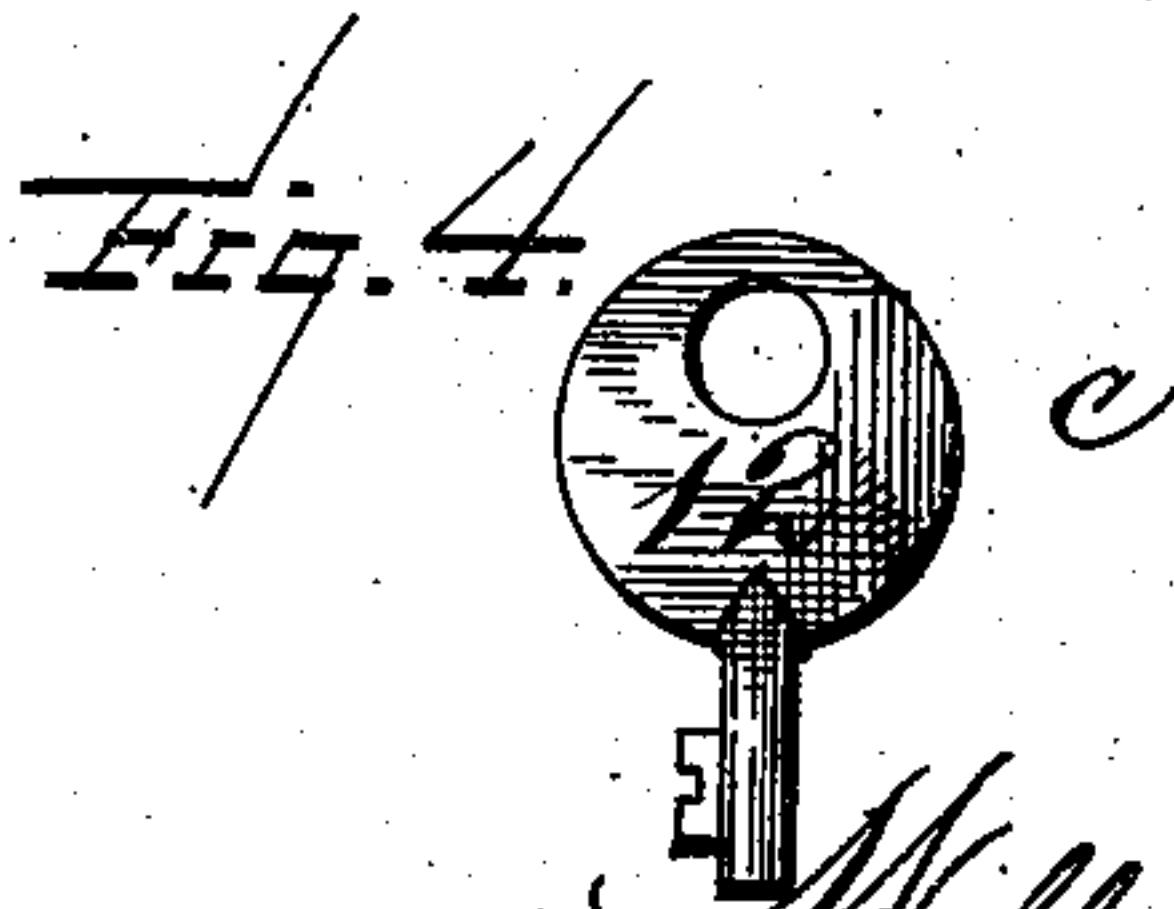
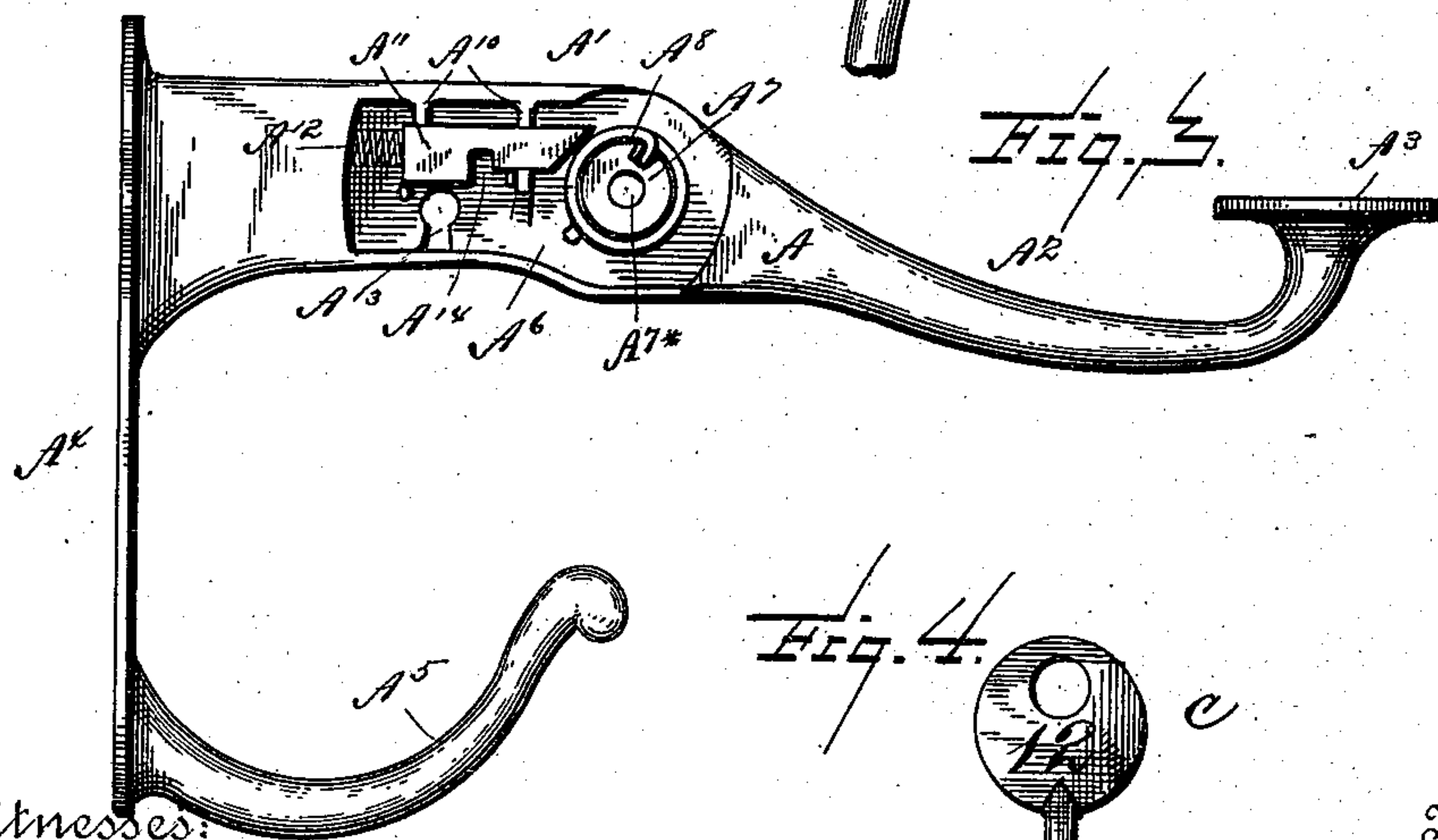
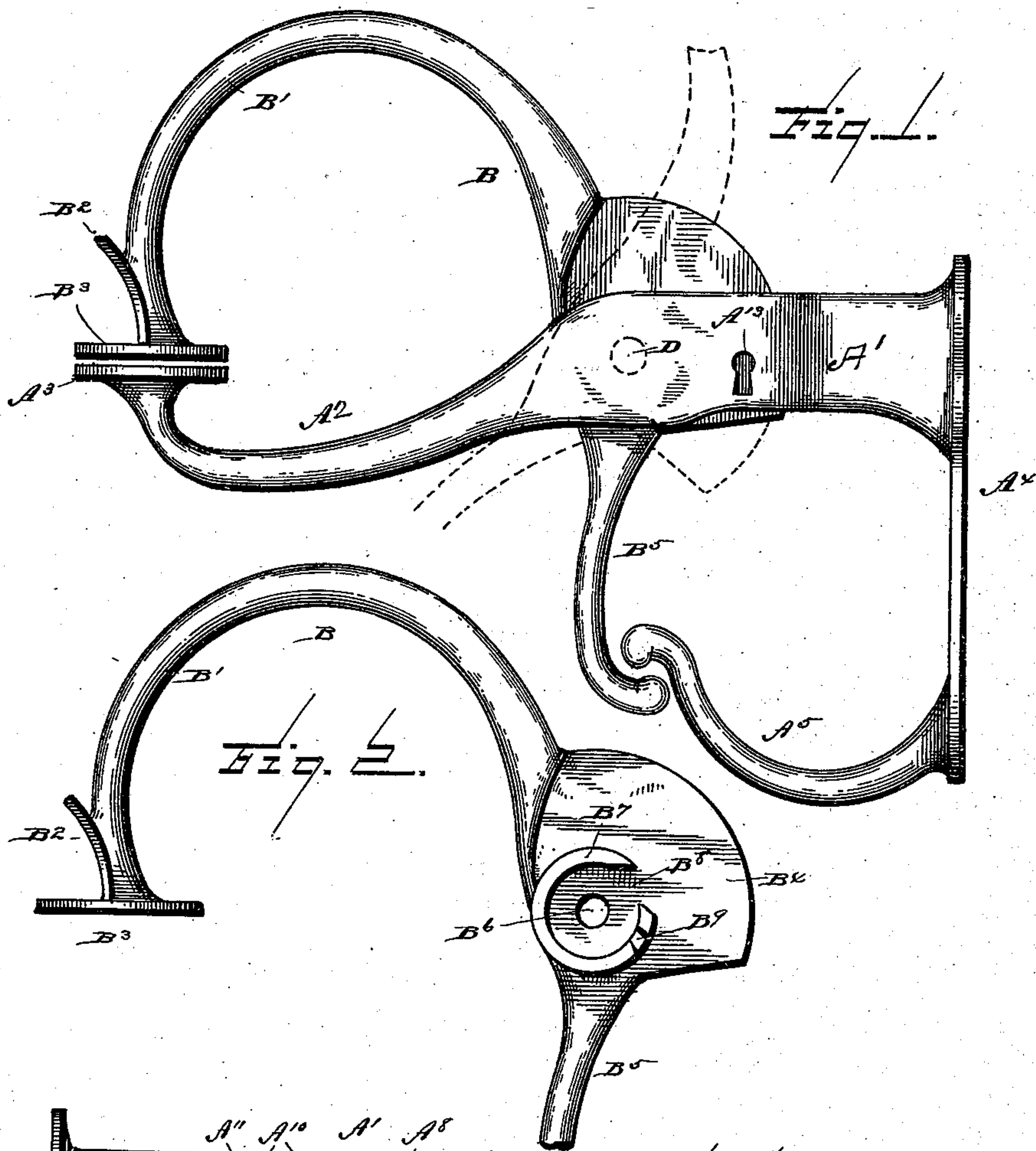
(No Model.)

W. L. CALDWELL.

HAT AND COAT RACK.

No. 377,737.

Patented Feb. 14, 1888.



Witnesses:

L. B. Rice,
W. L. Caldwell

Inventor:

William L. Caldwell.
E. B. Stocking
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM L. CALDWELL, OF CANTON, OHIO.

HAT AND COAT RACK.

SPECIFICATION forming part of Letters Patent No. 377,737, dated February 14, 1888.

Application filed April 21, 1887. Serial No. 235,618. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. CALDWELL, a citizen of the United States, residing at Canton, in the county of Stark, State of Ohio, have
5 invented certain new and useful Improvements in Hat and Coat Racks, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to hat and coat
10 racks, and among the objects thereof is to provide a combined hat and coat rack, especially adapted for use in coat-rooms in hotels, theaters, and other public places, that is capable of locking the hat and coat thereon,
15 thus insuring its safe delivery to its rightful owner.

With the above general objects in view the invention consists in certain features of construction, hereinafter referred to, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a side elevation of a combined hat and coat rack constructed in accordance with my invention, the same being shown in a closed and locked
25 position, as when retaining a hat and coat. Fig. 2 is a detail in side elevation of the swinging and locking plate. Fig. 3 is a side elevation of the stationary arms of the rack, the movable arm or plate being removed and exposing to view the internal locking mechanism.
30 Fig. 4 is a detail in side elevation of a combined check and key.

Like letters of reference indicate like parts in all the figures.

35 In carrying out my invention I prefer to construct the same of two castings, A and B. The casting A consists of a stationary arm, A', at the front of which is formed a hat-receiving hook, A², provided with a clamping-
40 plate, A³, at its extreme end. The arm A' is mounted upon or integral with a securing-plate, A⁴, perforated for the reception of screws or other securing devices, and provided at its lower end and in line with the arm A' with
45 a coat-receiving hook or arm, A⁵. The arm A' is recessed, as at A⁶, and provided with a perforated boss, A⁷, formed with a notch, A⁸, into which one end of a coiled spring, A⁹, wound around the boss, is adapted to take,
50 the opposite end of said spring being bent, for a purpose hereinafter explained.

Mounted in slotted keepers A¹⁰, formed in the recess A⁶, is a latch, A¹¹, beveled at its front, and having a spring, A¹², interposed
55 between its rear end and the end wall of the recess, said spring having a tendency to force said latch forward. A key-hole, A¹³, is formed in the closed side of the arm A', into which a combined key and check, C, adapted to the conformation of the latch A¹¹, is adapted to
60 be inserted, the lug on said key being adapted to take into a slot, A¹⁴, formed in the latch, whereby said latch may be reciprocated to the rear against the tension of the spring for the purpose of unlocking the rack, as I will now
65 proceed to explain.

Referring now more particularly to Fig. 2, which is a side elevation of the casting B, the same consists of a forwardly-projecting arm, B', at the front of which is formed a number-
70 bearing plate, B², upon which numbers may be raised or sunk, and a clamping-plate, B³, adapted to come in close proximity to a similar plate, A³, upon the arm A'. At the rear end of the arm B' is formed a web-plate, B⁴, provided at its
75 lower end with a depending and slightly rearwardly-disposed coat-retaining arm, B⁵, adapted to come into close proximity with the coat-receiving arm or hook A⁵. The plate B⁴ is perforated, as at B⁶, and upon said plate and
80 surrounding the perforation is a raised annular flange or ring, B⁷, cut away as at B⁸ and notched as at B⁹.

The two castings A and B are placed side by side, the holes or apertures A⁷* B⁶ thereof registering, and a screw or bolt, D, passed through
85 the same. In this position the boss A⁷, having the spring A⁹, is received by the ring B⁷, the free and bent end of the spring taking into the notch B⁹ of the ring B⁷, the tendency of said
90 spring therefore being to retain the arm B in a raised or open position, as shown by dotted lines, Fig. 1.

It will now be seen that a hat having been placed upon the arm A' and a coat, if desired,
95 upon the coat-hook A⁵ and the casting B swung to a lower or closed position, the chamfered end of the latch riding over the ring B⁷, said latch will, when the opening B⁸ of the ring is brought opposite the same, be forced by the
100 spring A¹² into the recess B⁸, and thus retain the arms B' B⁵ from opening. In this position,

as is clearly apparent from Fig. 1, it would be impossible to withdraw either a coat or hat from the hooks therefor.

As each of the devices is numbered and provided with a key bearing a corresponding number, it is apparent that a person's hat and coat having been hung thereon it can be delivered therefrom only by a presentation of the key and unlocking the device. To unlock the device, it is only necessary to insert the key in the hole A³ and turn the same until its lug takes into the notch A¹⁴ of the latch A¹¹, when by turning said key to the rear the latch will be withdrawn from the opening B⁸ in the ring B⁷ and the coiled spring will force the casting B to an open position. (See Fig. 1.) In this position, the notch of the latch being brought into about a vertical plane with the key-hole, it will retain the key in position in the same by reason of its inability to turn, and thus the loss of the key is prevented. As each key is different and adapted to unlock only the lock of the rack bearing the number corresponding with the number on the key, it will be impossible for a coat and hat to be delivered to any but its rightful owner.

Having described my invention and its operation, what I claim is—

1. A combined hat and coat rack comprising coat and hat receiving arms recessed to form part of a case for locking mechanism mounted on a securing-plate, and a hat and coat retaining arm having an enlarged portion forming one side of a case for locking mechanism, substantially as specified.

2. In a combined hat and coat rack, the combination of hat and coat receiving arms mounted on a securing-plate and provided with a lock mechanism, with a hat and coat retaining arm pivoted to said hat-receiving arm and provided with a raised annular flange

having a notch adapted to receive the latch of the locking mechanism, substantially as specified.

3. In a combined hat and coat rack, the combination of hat and coat receiving arms mounted on a securing-plate, with hat and coat retaining-arms pivoted to said hat-receiving arm, and locking mechanism at their pivotal point, and with a key for the same, substantially as specified.

4. In a combined hat and coat rack, the combination of hat and coat receiving arms mounted on a securing-plate, with hat and coat retaining arms pivoted to said hat-receiving arm, locking mechanism at their pivotal point, and a key bearing a number corresponding with the number of the rack, substantially as specified.

5. The combination of the casting A, formed with the securing-plate A⁴, having at its upper end a forwardly-projecting hat-receiving arm, A², and at its lower end with a coat-receiving hook or arm, A⁵, with the casting B, pivoted thereto and comprising a forwardly-projecting hat-retaining arm, B⁷, and the coat-retaining arm B⁵, substantially as specified.

6. The combination of the casting A, having the arm A², recessed as at A⁶, provided with the perforated boss A⁷, keepers A¹⁰, latch A¹¹, springs A¹² A⁸, and hole A¹³, with the casting B, having the web B⁴, perforated as at B⁶, and provided with the annular ring B⁷, recessed as at B⁸ and notched as at B⁹, adapted to receive the perforated boss A⁷, and with the pivot D, substantially as specified.

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

WILLIAM L. CALDWELL.

Witnesses:

P. L. MANLY,
DANIEL WORLEY.