

(No Model.)

2 Sheets—Sheet 1.

J. D. C. KNAPP.
COAT HOOK.

No. 551,189.

Patented Dec. 10, 1895.

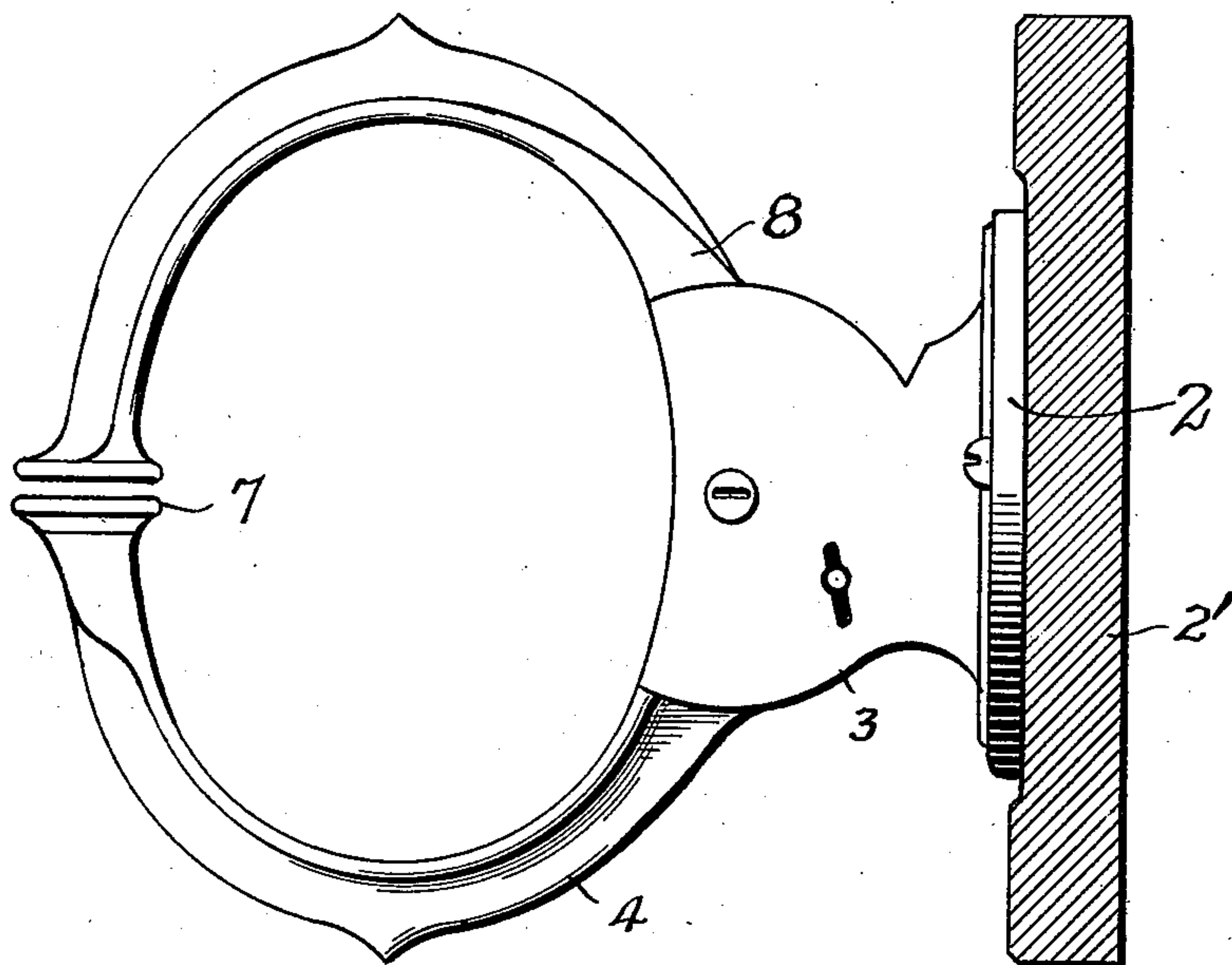


Fig. 1.

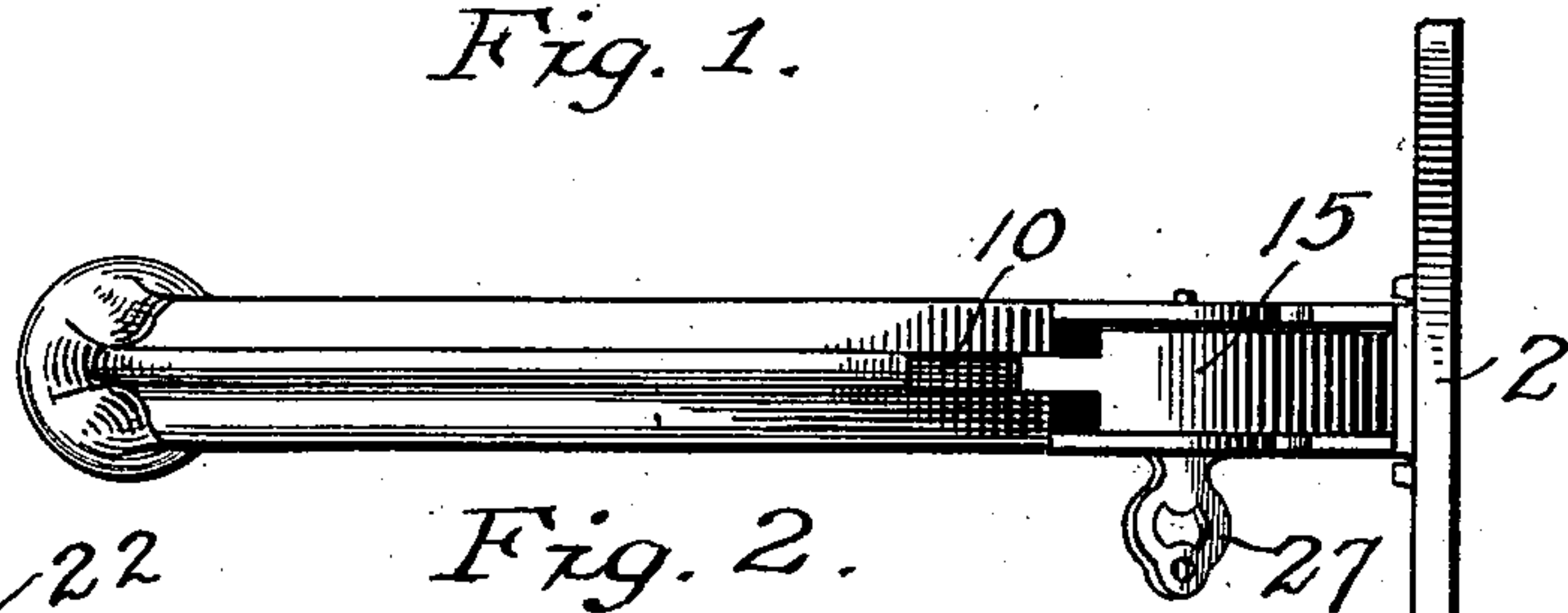


Fig. 2.

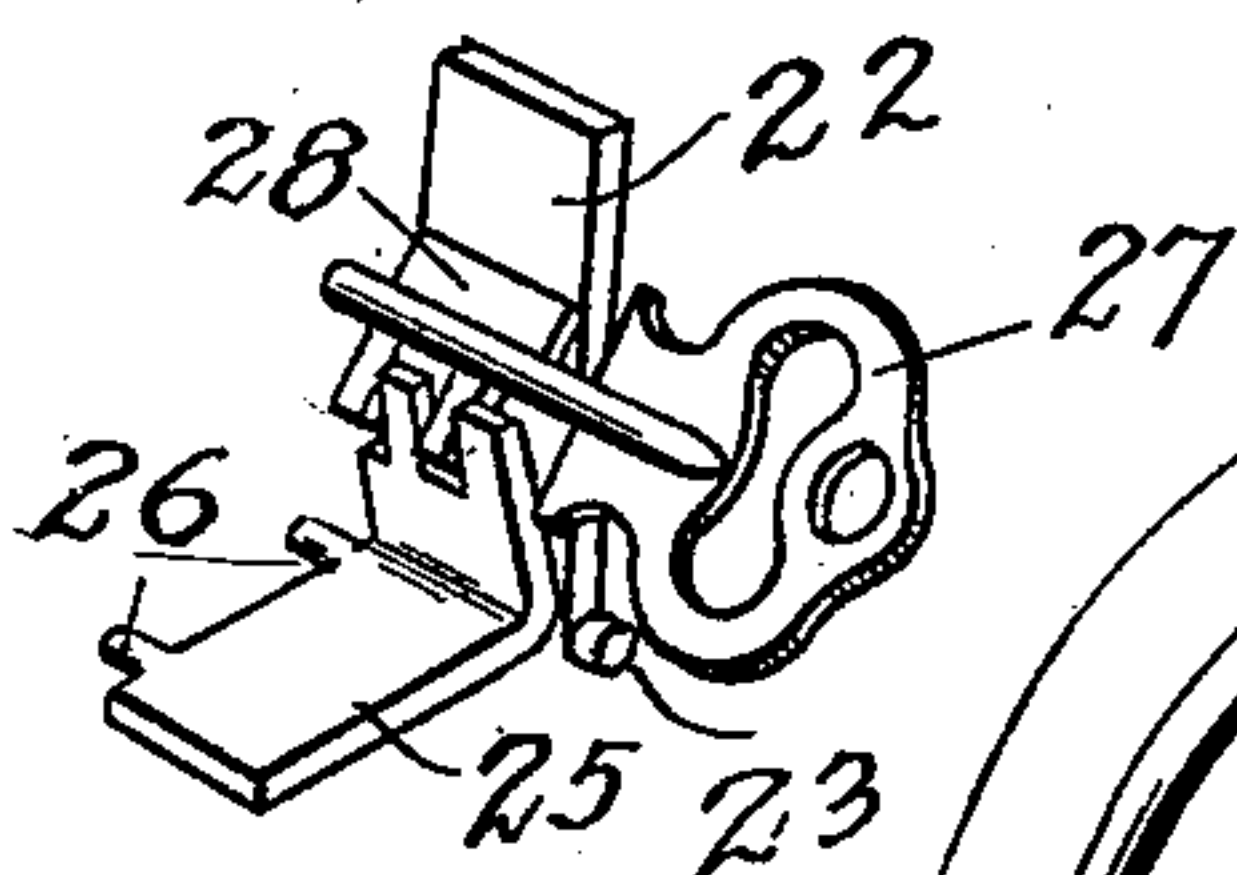


Fig. 4.

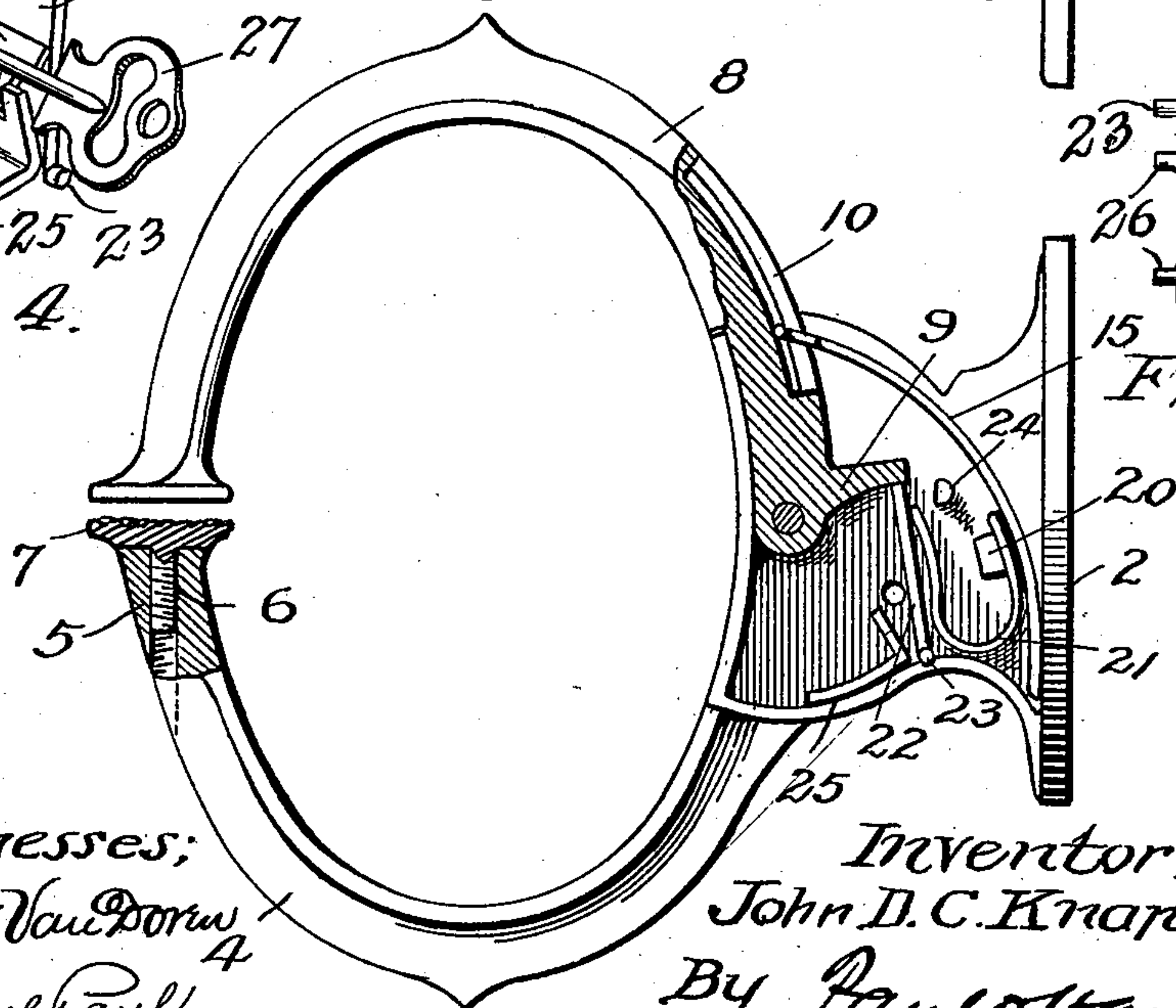


Fig. 3.

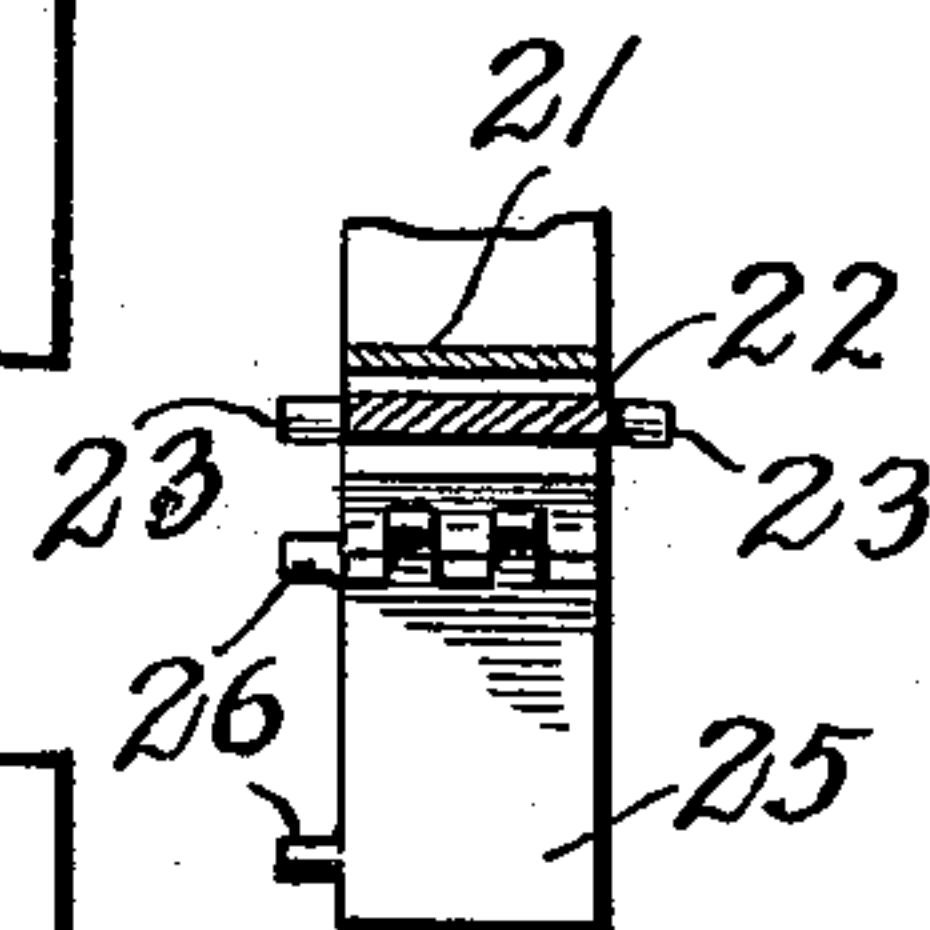


Fig. 5.

Witnesses;

C. E. Vandoren

Richard Paul

Inventor:

John D. C. Knapp.

By Paul Ottaway
his Attorneys.

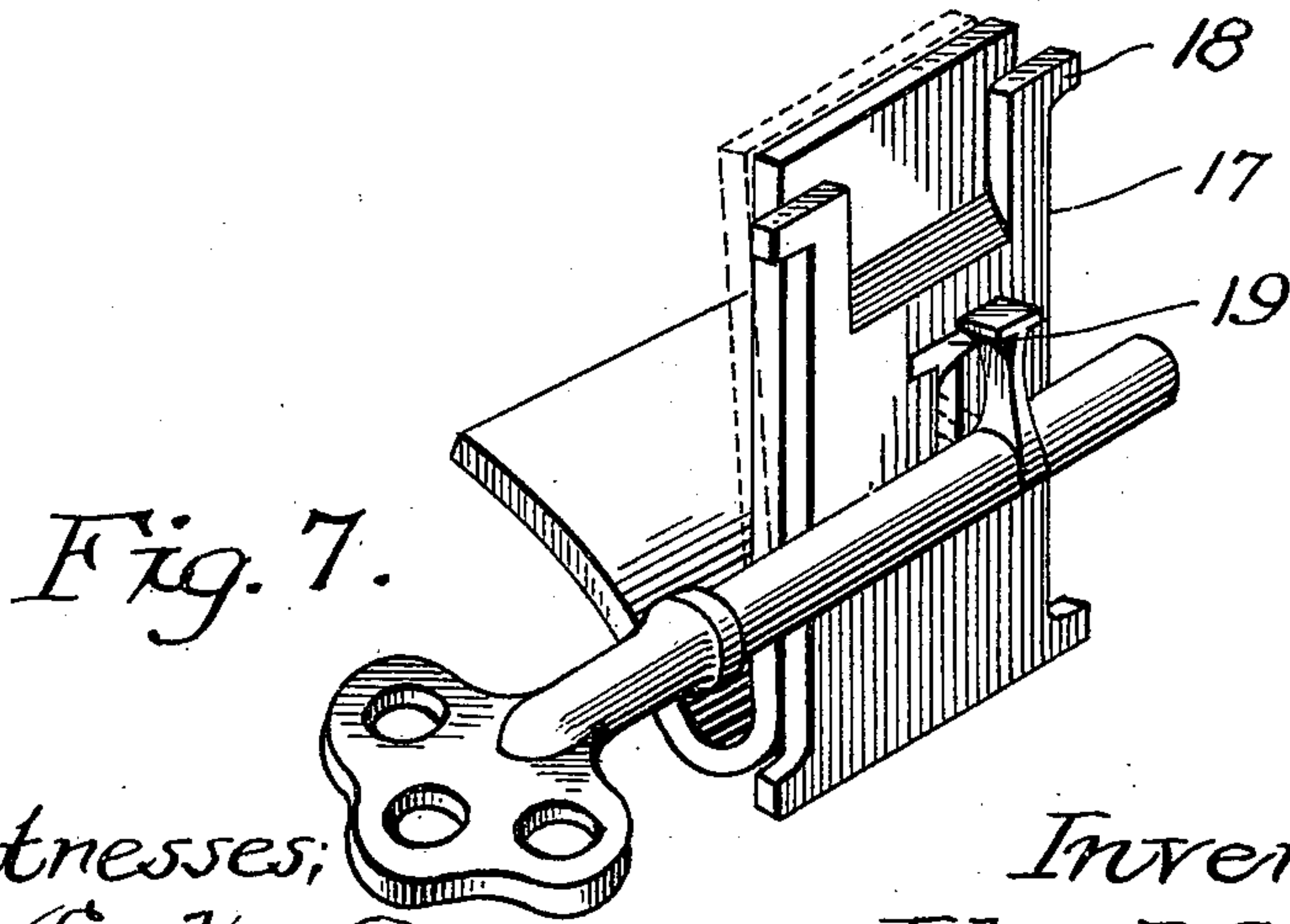
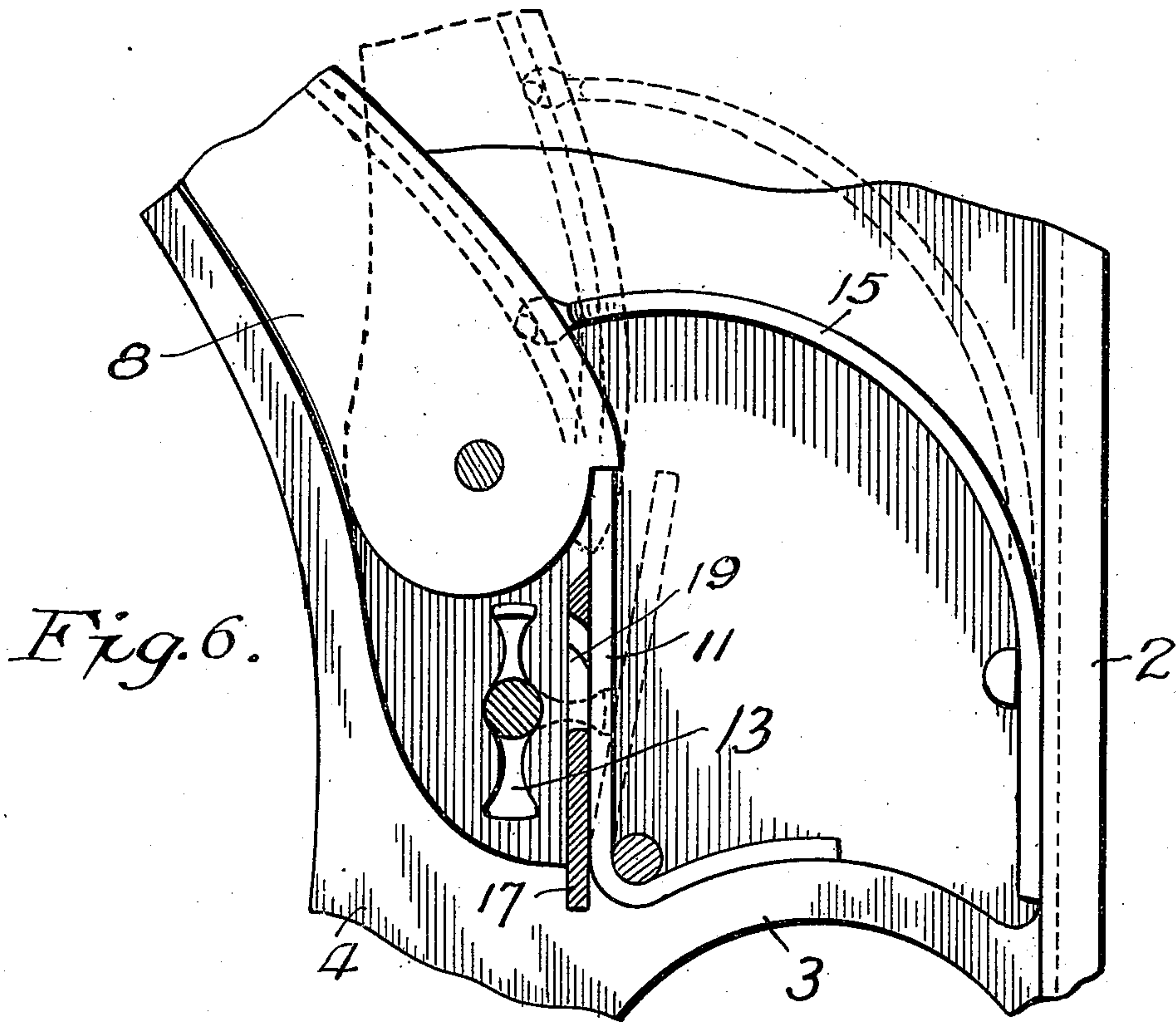
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2 Sheets—Sheet 2.

J. D. C. KNAPP.
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No. 551,189.

Patented Dec. 10, 1895.



Witnesses;
C. E. Van Dorn.
Richard Paul.

Inventor;
John D. C. Knapp.
By *Vauld Knapp*
his Attorneys.

UNITED STATES PATENT OFFICE.

JOHN D. C. KNAPP, OF MINNEAPOLIS, MINNESOTA.

COAT-HOOK.

SPECIFICATION forming part of Letters Patent No. 551,189, dated December 10, 1895.

Application filed March 11, 1895. Serial No. 541,236. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. C. KNAPP, of the city of Minneapolis, county of Hennepin, State of Minnesota, have invented certain
5 new and useful Improvements in Coat-Hooks, of which the following is a specification.

My invention relates to safety devices upon which coats and hats may be hung; and the object which I have in view is to provide a
10 hook upon which a coat or hat may be placed without danger of removal by any one without authority.

My invention further consists in details of construction and in combinations, all as hereinafter described, and particularly pointed out in the claims.

The invention will be more readily understood by reference to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a side view of the device embodying my invention secured to a wall in position for use. Fig. 2 is an edge view thereof. Fig. 3 is a side view, partially in section,
25 showing the locking mechanism and the adjustable cap carried by the outer end of the hook. Figs. 4 and 5 are details of the locking mechanism. Fig. 6 is an enlarged view of a modification of the locking mechanism.
30 Fig. 7 is an enlarged detail view of the plate and key shown in Fig. 6.

In the drawings, 2 represents the base, of any suitable material, preferably wood, which is secured to the wall by screws or bolts in a
35 vertical position. It is provided with the outwardly-extending standard 3, forming the casing within which is arranged the locking mechanism. The standard 3 is provided at its outer end with a curved arm 4, forming a
40 hook upon the outer end of which the coat or hat is placed. It is provided at its outer end with a threaded opening 5 to receive a threaded stud 6, depending from the cap or plate 7, having a corrugated upper surface.
45 This plate is vertically adjustable in the hole or opening 5, for the purpose hereinafter described. A similar arm 8 is pivoted in the upper side of the casing 3, and its outer end is arranged to coincide with the outer end of the arm 4. These two arms 4 and 8 form the
50 jaws of the hook, between the ends of which the coat or hat is placed. The arm 8 is pro-

vided within the casing near its pivoted end with a lug 9, extending outwardly therefrom. It is also provided on its upper edge, above its
55 pivoted end, with a longitudinal T-shaped slot 10, arranged to receive the T-shaped end of the flat spring 15, having its opposite end secured to the base 2 within the casing 3. This spring tends to hold the arm 8 in a raised
60 position, as indicated by dotted lines in Fig. 6.

The wall of the casing is provided with a lug 20, between which and the base 2 is secured one end of a curved flat spring 21, having its free end arranged to bear upon the side
65 of a pivoted plate 22, provided at its lower end with lugs 23, extending through openings in the side of the casing. The lug 24 is also provided upon the wall of the casing and forms a stop for the plate 22. A plate 25 is secured
70 in the bottom of the casing near the pivoted end of the plate 22 by lugs or pins 26, which project from the side of the plate into holes in the wall of the casing. It may, however, be secured to the casing in any other suitable
75 way, as may also the plate 22, as I do not confine myself to the exact method shown of securing these plates within the casing. One end of the plate 25 is bent upwardly and is provided with slots or openings to receive the
80 projections on the shank of the key 27 to permit it to be turned within the keyhole. The key 27 is provided on one side with a wing 28, which engages the side of the plate 22 and disengages the end of the same from the lug 9 on
85 the arm 8. When this plate 22 is pushed away from the lug 9 by the key, it is pressed out against the tension of the spring 21 until stopped by the lug 24. The moment the plate is disengaged from the lug 9 the spring 15
90 raises the pivoted arm 8 up to the position indicated by dotted lines in Fig. 6. The device is then ready to be used for supporting a coat or hat or like articles.

When it is desired to close or lock the hook,
95 the arm 8 is pressed down until the end of the lug 9 passes the upper end of the plate 22, when the spring 21 will force the plate back to its former position under the lug 9, thereby locking the arm 8 and preventing its upward
100 movement until released again by the movement of the key. The upwardly-turned end of the plate 25 may be turned into any desired form to fit the keys of different shapes

and sizes, so that I may arrange a row of hooks upon the wall and have no two of them open by the same key.

By the use of the adjustable plate 7 at the outer end of the arm 4 I am enabled to increase or decrease the pressure upon that portion of the article that is placed between the ends of the hooks, so that I can place a thin article between the jaws as well as one made of heavy material.

In Fig. 6 I have shown a modification of the device, which consists in providing an arm 8 with a shoulder near its pivoted end, and providing a flat spring 11, secured to the casing at its lower end and arranged to engage the shoulder upon the pivoted arm 8 at its upper end. A plate 17 is vertically arranged within the casing near the spring 11 and is provided with a slot or opening 19, which may be of any shape or size, according to the kind of key that is used with the device. A keyhole is provided in the casing at one end of the plate 17, and when the key is placed in the lock and turned one of its shanks 13 will pass through the opening 19 in the plate, and engaging the face of the flat spring 11 will force the upper end thereof out of engagement with the shoulder on the pivoted arm 8. As soon as the spring is disengaged from the shoulder the arm 15 will raise the pivoted arm 8 to the position indicated by dotted lines. In other respects the device is the same as heretofore described.

The plate 17 may be secured within the casing in any suitable manner, as by lugs 18 engaging openings in the inner wall of the casing.

The device may be constructed of any suitable material, preferably with a wooden base and metal standard and casing, and the curved arms are preferably made of cast metal and ornamented in any suitable manner.

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

1. A coat hook, consisting of a base provided with an outwardly extending arm, said arm being provided with an adjustable palette at its outer end, a second pivoted arm having its outer end arranged to coincide with said adjustable plate, and means for locking said pivoted arm when its outer end is in engagement with or near said adjustable plate, substantially as described.

2. A coat hook, consisting of a base provided with a fixed outwardly extending arm, having an adjustable plate at its outer end, a second arm pivotally secured to said base, its outer end being arranged to engage the face of said adjustable plate, the face of said plate and the face of the outer end of said pivoted arm being provided with a stud or lug

near its pivoted end, a pivoted plate arranged to engage said lug, means for disengaging said plate therefrom, a spring having one end secured to said base and the other arranged to slide in a slot in said pivoted arm, substantially as described.

3. A coat-hook comprising a suitable base provided with the fixed outwardly extending arm, a second arm pivotally secured to said base above said first named arm, said second arm being provided with a shoulder or lug near its pivoted end and with a groove in its curved upper surface, a spring having one end secured to said base and the other arranged to slide in said groove, a locking mechanism arranged within the case and formed by the walls of said base and comprising a plate 22, having its free end in position to engage the shoulder upon said pivoted arm, a plate 25 provided with an opening adapted to receive the projection on the shank of a key, and said plate 22 being in position to be engaged by the projection on the key as it passes through the opening in said plate 25, substantially as described.

4. A coat-hook comprising a suitable base provided with a fixed outwardly extending arm, a second arm pivotally secured to said base above said first named arm, said second arm being provided with a lug or projection near its pivoted end, a plate 22 having one end secured to said base and its opposite end in engagement with the lug or shoulder upon said pivoted arm, an interchangeable plate 25 arranged near said plate 22 and provided with an opening corresponding to the projections upon the shank of a key, whereby when the key is turned in the lock the projection on the shank passing through the opening in said plate 25 will engage said plate 22, and said fixed arm being provided at its outer end with an adjustable cap or plate for the purpose set forth.

5. A coat hook, comprising a suitable base provided with a fixed outwardly extending arm, said arm having a threaded opening at its outer end, a cap or plate having a threaded stud to fit into said opening, whereby said cap is rendered vertically adjustable, a second pivoted arm having its outer end arranged to coincide with said adjustable plate or cap, and means for locking said pivoted arm when its outer end is in engagement with or near said adjustable plate, substantially as described.

In testimony whereof I have hereunto set my hand this 12th day of December, A. D. 1894.

JOHN D. C. KNAPP.

In presence of—

C. G. HAWLEY,
RICHARD PAUL.