

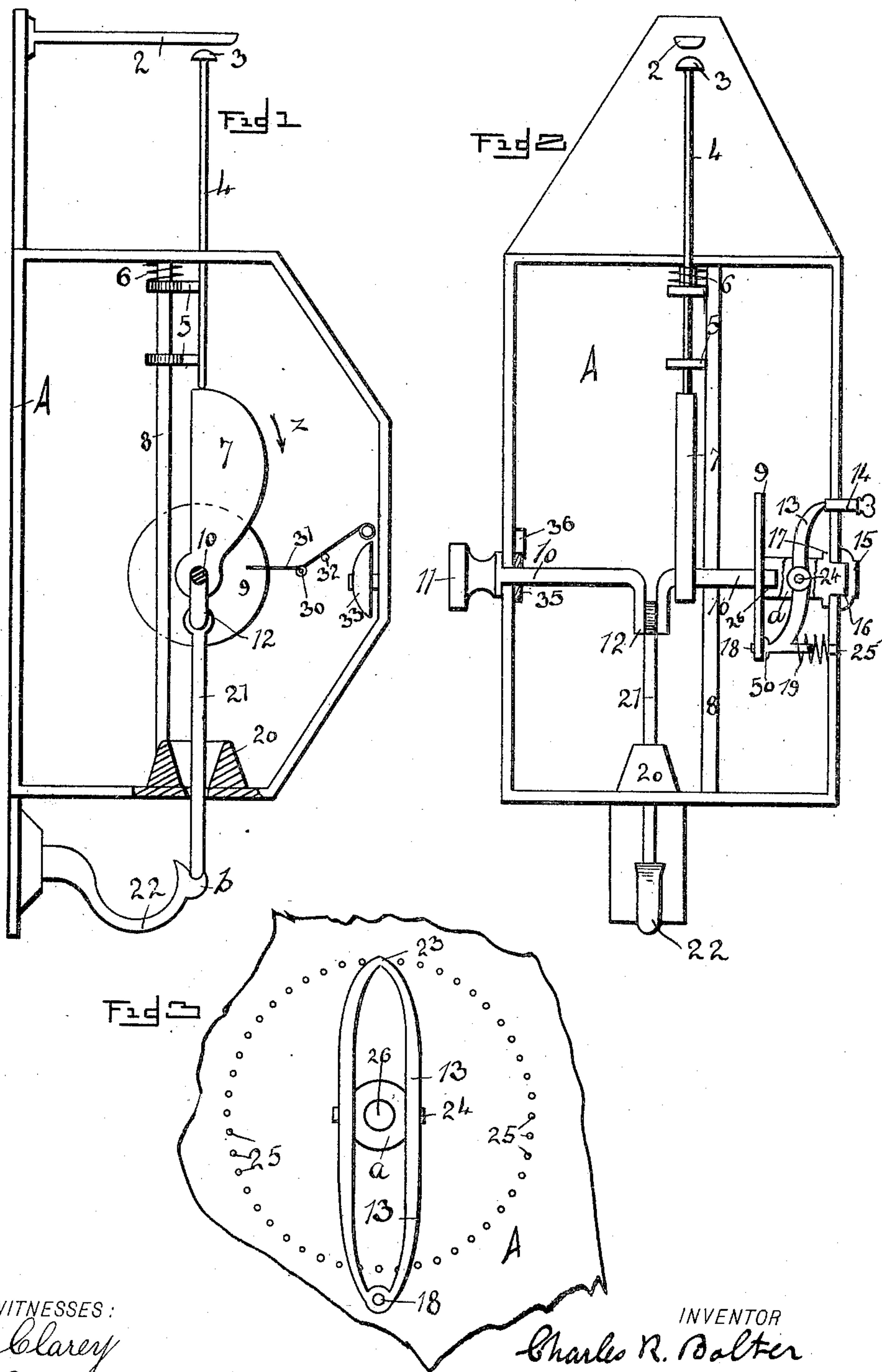
No. 688,925.

Patented Dec. 17, 1901.

C. R. BOLTER.
HAT AND COAT RACK.

(Application filed Dec. 27, 1898.)

(No Model.)



WITNESSES:
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CHARLES R. BOLTER, OF LOGAN, IOWA.

HAT AND COAT RACK.

SPECIFICATION forming part of Letters Patent No. 688,925, dated December 17, 1901.

Application filed December 27, 1898. Serial No. 700,372. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. BOLTER, residing at Logan, in the county of Harrison and State of Iowa, have invented certain useful
5 Improvements in Hat and Coat Racks; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the
10 same, reference being had to the accompanying drawings, which form a part of this specification.

This invention has relation to an improvement in coat and hat racks.

15 The object of my invention is to provide a simple device adapted to be used in depot parcel-rooms, anterooms, and such other places where individuals are apt to want to leave a hat or coat.

20 In fulfillment of the aim of my invention I have constructed a simple coat or hat hanger which embodies a holder for a hat and a hook adapted to receive a suitable garment or package, said hat-holder and hook normally being
25 in a locked condition.

In the accompanying drawings I have shown in Figure 1 a side elevation, with a portion removed, of a hat, coat, and parcel hanger embodying my invention. Fig. 2
30 shows a front elevation, with a portion broken away, of a coat, hat, and parcel hanger embodying my invention, while Fig. 3 shows an enlarged detail of the adjustable hub used in my invention.

35 My invention embodies a suitable housing A, of any desired length and width and of any suitable material, which is provided approximately centrally and transversely with an ordinary crank-shaft 10, which shaft at
40 one end is provided with a suitable operating-knob 11 and further has secured to it an ordinary ratchet 35, working in conjunction with any suitable pawl 36, so that said shaft 10 can only be revolved in one direction. This
45 shaft 10 has further secured to it an ordinary disk 9. At a suitable point in alinement with the shaft 10 the housing A is provided with a suitable opening adapted to receive the preferably-threaded stem 16 of the hub
50 a, between which stem 16 and hub a is the extending collar 17, while a nut 15 is

adapted to thread upon the stem 16, so that this hub a is revolvably supported within the housing. This hub a is provided with a suitable seating 26, adapted to receive one end 55 of the shaft 10, so that this crank-shaft 10 is supported in passing through an opening within the housing A, further being held within the hub a, as has been set forth.

Secured to the lower portion of the housing 60 A is a hook 22, provided with a seating b, adapted to receive the lower end of a bar 21, which bar is in the form of a pitman secured to the crank 12 of the shaft 10. To properly guide this bar 21, I provide the collar 20 with- 65 in the housing, so that when said bar rides within the housing it is guided by this collar 20. The bar 21 is given such a length that when the crank is in its lowest position said bar will ride within the seating b of the hook 70 22, as is shown in the drawings.

Positioned within the housing A is a suitable rod 8, upon which work the two small yokes 5 5, which yokes are secured to and form part of an upwardly-extending rod 4, 75 which rod 4 is provided with an upper termination 3 and is adapted to receive the hat or bonnet to be placed upon the same, a projecting bracket 2 being positioned a suitable distance above this rod 4, so that when said rod 80 is in its extreme upward position the article upon the same cannot be removed.

Secured to the shaft 10 at a point below the rod 4 is a cam 7, which cam has its point farthest from its center in alinement in an 85 opposite direction with the crank 12, so that when said bar 21 is in its extreme downward position the rod 4 is in its extreme upward position, as is shown in Fig. 1.

Secured to the hub a by means of the pin 90 24 is an approximately elongated O-shaped yoke or keeper 13, which yoke or keeper 13 is provided with a pin 18, both ends of which project beyond the yoke, the longest end being adapted to receive a spring 19, so that 95 said yoke has its pin end normally forced in one direction. The end 23 of the elongated yoke or keeper 13 is made to come below openings 25 within said casing, said openings 25 being positioned in a circle and are preferably identified by a reference numeral or letter. In Fig. 3 a rear view of a portion of the 100

housing A is shown, disclosing the circular group of openings 25, one of them coming opposite the end 23.

Positioned within the housing at a suitable point is a small gong 33, adjacent to which is pivoted a pin 30, upon which is held a striker, preferably in the form of a piece of spring-wire winding about said pin 30, the clapper end resting upon the pin 32, as is usual. The clapper-stem 31 is so positioned that it comes within the path of one of the arms 12 of the crank, so that when my coat, hat, and parcel hanger is operated it may give an alarm. The shaft 10 revolves in the direction of the arrow z, as is indicated in Fig. 1.

The disk 9 at a suitable point is provided with an opening adapted to receive the short end of the pin 18, so that whenever this end of the yoke engages the disk the device is held in a locked position. To unlock and operate my device, it would be necessary to insert a simple key 14 through the opening immediately in front of the end 23, so that this yoke, which forms the keeper, may be carried out of engagement with the disk 9, when the shaft 10 can be rotated in one direction to carry the rods 4 and 21, respectively, downward and upward, the downward movement of the rod 4 being actuated by means of an ordinary spring 6, as is shown in Fig. 1. As soon as the shaft is rotated and the cam 7 is carried away from below the rod 4 this rod promptly drops downward, so as to permit the ready insertion or removal of the head-gear to be placed upon the same. The keys 14, which would be handed out to the party about to use my improved hat, coat, and parcel hanger, could be made of various lengths, as the position of the key engaging the end of the keeper can be given various adjustments, in that the shoulder 50, forming part of the pin 18, may be set nearer to or farther away from the short end of the pin. So, also, can this keeper be given rotary adjustment, in that it is revolvably held so that the end may be brought in front of any desired opening. To further complicate the unlocking of this device, a great number of openings 25 in different rings could be provided, so that it would require a great deal of time before the proper opening had been found in case the proper combination had not been given to the operator.

The whole outer surface of the housing A is nicely adapted to receive advertising matter, and the device is further readily operated and exceedingly simple of construction.

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

1. The combination with a suitable housing, of an operating crank-shaft positioned

within said housing, a cam upon said crank-shaft, a bar extending from said crank-shaft, a hook adapted to engage one end of said bar, a rod extending upward from said housing and riding upon said cam, and a bracket placed adjacent to the remaining end of said rod.

2. The combination with a suitable housing, of an operating crank-shaft positioned within said housing, a cam upon said crank-shaft, a bar extending from said crank-shaft, a hook adapted to engage one end of said bar, a rod extending upward from said housing and riding upon said cam, a bracket placed adjacent to the lower end of said rod, and a keeper to lock said shaft.

3. The combination with a suitable housing, of an operating crank-shaft positioned within said housing, a cam upon said crank-shaft, a bar extending from said crank-shaft, a hook adapted to engage the end of said bar, a rod extending upward from said housing and riding upon said cam, a bracket placed adjacent to the end of said rod a keeper to lock said shaft, a ratchet secured to said shaft adapted to work in connection with a pawl, so that said shaft can only be rotated in one direction.

4. The combination with a suitable housing, of an operating crank-shaft positioned within said housing, a cam upon said crank-shaft, a bar extending from said crank-shaft, a hook adapted to engage one end of said bar, a rod extending upward from said housing and riding upon said cam, a bracket placed adjacent to the remaining end of said rod a keeper to lock said shaft, a ratchet secured to said shaft adapted to work in connection with a pawl, so that said shaft can only be rotated in one direction, and a disk secured to said shaft and adapted to be engaged by said keeper.

5. The combination with a suitable housing, of an operating crank-shaft positioned within said housing, a cam upon said crank-shaft, a bar extending from said crank-shaft, a hook adapted to engage the end of said bar, a rod extending upward from said housing and riding upon said cam, a bracket placed adjacent to the end of said rod, a keeper to lock said shaft, a ratchet secured to said shaft adapted to work in connection with a pawl, so that said shaft can only be rotated in one direction, a disk secured to said shaft and adapted to be engaged by said keeper, and a gong adapted to be actuated by the rotation of said shaft.

Signed in the presence of two witnesses.

CHARLES R. BOLTER.

Witnesses:

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