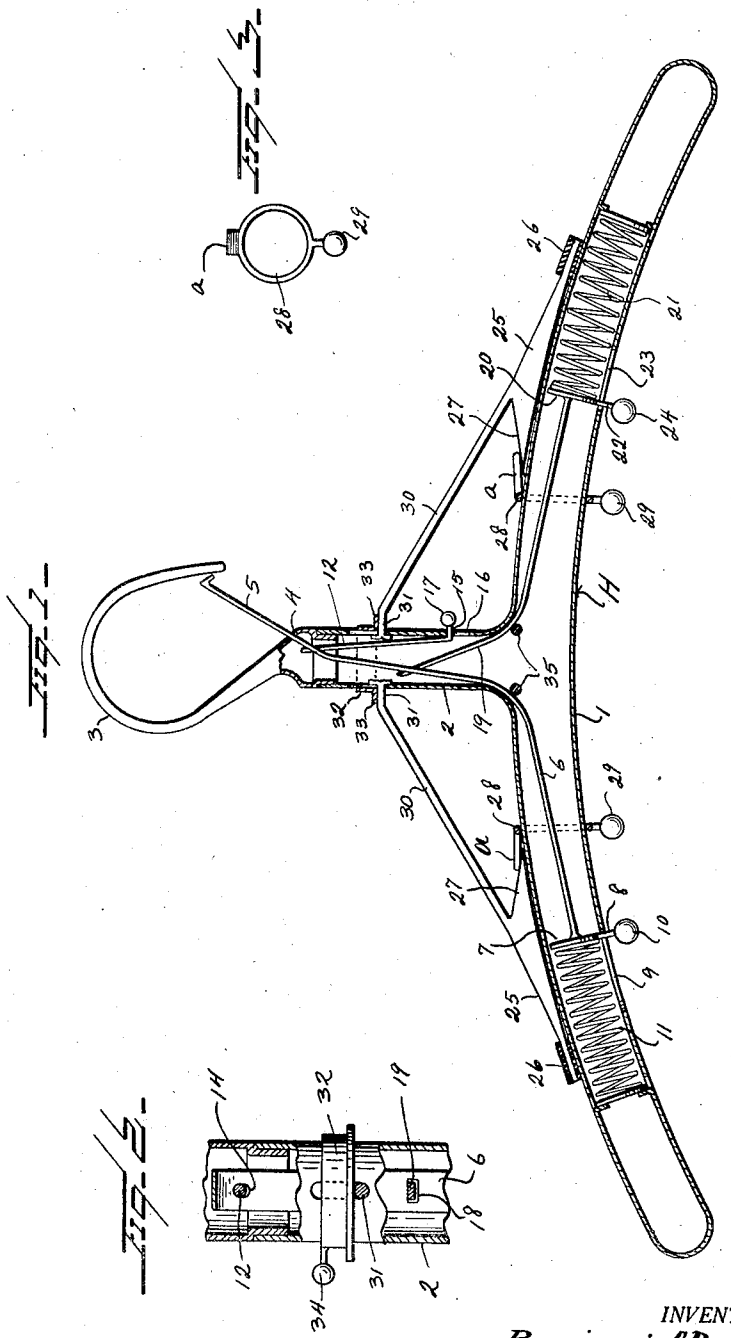
Dec. 1, 1925.

1,563,660

B. A. RUBIN

GARMENT HANGER

Filed Jan. 15, 1924



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Patented Dec. 1, 1925. 1,563,660

UNITED STATES PATENT OFFICE.

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GARMENT HANGER.

Application filed January 15, 1924. Serial No. 686,375.

To all whom it may concern:

Be it known that I, BENJAMIN A. RUBIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Garment Hangers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in garment hangers and it is an object of the invention to provide a device of this general character embodying novel and improved means whereby the removal of a garment from the hanger under ordinary conditions is prevented by an unauthorized person.

It is also an object of the invention to provide a device of this character with novel and improved means whereby the same may be effectively locked to a rack or other supporting device.

An additional object of the invention is to provide a novel and improved device of this general character especially designed and adapted for use in stores and which is constructed in a manner to substantially eliminate the possibility of a garment being removed, as by a shop-lifter, without detection.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved garment hanger whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:—

Figure 1 is a view partly in elevation and partly in section illustrating a hanger constructed in accordance with an embodiment of my invention;

Figure 2 is a fragmentary view partly in section and partly in elevation illustrating in detail means herein disclosed for releasing the means for holding the garment to the hanger proper;

Figure 3 is a view in elevation of one of the slides or ring members unapplied.

As disclosed in the accompanying drawings, the hanger H proper comprises an elongated hollow member 1 provided at its central portion with an outstanding arm or post 2. The arm or post 2 is also hollow and is in communication with the hollow member 1. The outer end portion of the arm or post 2 is continued by an inwardly facing hook member 3 whereby the hanger may be properly mounted upon a rack or kindred support.

The outer end of the arm or post 2 is provided with an opening 4 through which is freely disposed a locking rod 5, said rod when extended, bridging the space between the outer end of the arm or post 2 and the free end portion of the bill of the hook member 3 and arranged inwardly of said end portion of the bill. By this means, the rod 5 when extended will effectively lock the hanger to the rack or other supporting device to prevent removal therefrom.

The inner or inserted end portion of the rod 5 is continued by an elongated arm 6 possessing a certain degree of resiliency and which is disposed through the arm or post 2 and inwardly of the body member 1 and in a direction towards an end thereof and the outer or free end portion of said arm 6 has secured thereto an enlargement or head 7 snugly fitting within the body member 1. This head or enlargement 7 is provided with an outstanding arm 8 disposed through a slot 9 formed in the under-surface of the body member 1 and extending lengthwise thereof and the outer end of said arm 8 is provided with a button or operating member 10.

Arranged within the elongated member 1 outwardly of the enlargement or head 7 and coacting therewith is an expansible member 11, herein disclosed as a coil spring. This spring or member 11 possesses sufficient tension to constantly urge the rod 5 outwardly into locking position, it being understood that when the rod is retracted or moved into open position by proper manipulation of the button or operating member 10, the enlargement or head 7 moves in a direction to compress the member or spring 11.

The rod 5 is locked in extended or working position through the medium of a sliding rod 12 arranged within the arm or post 1 and adapted, when in applied position, to extend through an opening 14 in the inner or inserted end portion of the rod 5. The

opposite end portion of the rod 12 is provided with a lateral extension 15 disposed through a slot 16 in a side wall of the arm or post 2 and terminates in a button or operating member 17. By this means the rod 12 may be moved into or out of locking engagement with the rod 5.

The arm 6 inwardly of but in relatively close proximity to the inserted end of the rod 5 is also provided with an opening 18 through which is adapted to be extended an end portion of a second rod 19 whereby the rod 5 is further held or locked in extended or working position. This rod 19 is resilient and is disposed inwardly of the arm or post 2 and extends within the elongated body 1 outwardly in a direction away from the arm 6. The outer end of the rod 19 is provided with a head or enlargement 20 arranged outwardly of said head or enlargement 20 and coacting therewith is an expansible member 21, herein disclosed as a coil spring. This member or spring 21 serves to constantly urge the rod 19 in a direction to have requisite locking engagement with the arm 6.

The enlargement or head 20 is provided with an outstanding arm 22 which extends through a slot 23 in the inner face of the member 1 and the outer extremity of said arm 22 is provided with a button or operating member 24 whereby the rod 19 may be readily retracted when it is desired to release the same from the spring arm 6. When the rod 12 is in locking engagement with the rod 5, said rod 12 is frictionally held from dropping downwardly of the slot 16 out of engagement with the rod 5, sufficient friction being created by the tension of the rod 5. The rod 12 is manually operated to effect its locking engagement with the rod 5. When the rod 19 is free of the rod 5 and said rod retracted the coacting extremity of the rod 19 will contact with the arm 6 of the rod 5 above the opening 18 so that when said rod 5 extends upwardly into locking engagement the rod 19 will again readily pass through the opening 18. It will be obvious, however, that should it be deemed advisable suitable guides may be employed for the rods 5 and 19 but as this in itself is believed to be a mechanical expedient it is not thought necessary that a description and illustration thereof is required.

The garment applied to the hanger is held to the elongated member 1 through the medium of the elongated blocks 25 each having applied to its outer end portion a cushion 26 of rubber whereby the clamping of the garment to the member 1 through the instrumentality of the block 25 is materially facilitated. The rear end portion of each of the blocks 25 is provided with an extended lip 27 with which engages a lug or lip *a* carried by a ring or slide 28 slidably mounted on the member 1. The ring or slide 28 is provided with a button or operating member 29 in order to facilitate the proper manipulation thereof. The lug or lip *a* when in working engagement with the associated block serves to maintain the same in desired clamping position with respect to the applied garment.

The inner end portion of each of the blocks 25 is provided with a rearwardly extended arm 30 connected for sliding movement, as at 31, with the outer end portion of the arm or post 2 whereby the blocks 25 may move in a direction away from the member 1, when it is desired to apply or remove a garment. The blocks 25, however, are normally held against such outward movement by a member 32 surrounding the arm or post 2 outwardly of the adjacent ends of the arms 30 and said member is provided with outstanding lugs 33 which, when the member 32 is moved inwardly of the arm or post 2 has direct contact with the adjacent end portions of the arms 30. By this means, it will be readily seen that when it is desired to release a garment from the hanger it is first necessary that the member 32 be moved outwardly of the arm or post 2 before the blocks 25 can be moved out of clamping engagement with the applied garment.

In order that the member 32 may be readily moved along the arm or post 2 the same is provided with an outstanding button 34 or the like.

In order to assure the proper travel of the arm 6 and lever 19 I provide the guide pins 35 intersecting the body 1 at a proper position with respect to the arm or post 2.

In order to remove a garment applied to a hanger constructed in accordance with an embodiment of my invention it is necessary to operate the various holding members and which in itself will require a period of not less than fifteen seconds so that in the event an unauthorized person endeavors to take a garment from the hanger opportunity will be given for a clerk or other person to observe such action.

From the foregoing description it is thought to be obvious that a garment hanger constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

1. A garment hanger comprising an elon-

gated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member and closing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, and means for normally maintaining said rod in extended position.

2. A garment hanger comprising an elongated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member and closing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, and releasable means for normally holding the rod against retraction.

3. A garment hanger comprising an elongated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member and closing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, a second rod engageable with the first named rod for holding the same against retraction, and means for constantly urging said second named rod into working position.

4. A garment hanger comprising an elongated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member and closing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, and a plurality of separable operable rods coacting with the first named rod for holding the same against retraction.

5. A garment hanger comprising an elongated hollow body, a supporting hook carried thereby, a rod slidably disposed within the hollow member and closing the hook member when extended to lock the same on a support, the inserted end portion of the rod being enlarged, an expansible member within the hanger and bearing against the enlargement of the rod to constantly urge the rod outwardly in extended position, and an operating member carried by the enlargement and extending exteriorly of the hanger, said operating member providing means to retract the rod against the tension of the spring, a wall of the hanger being provided with a slot through which said operating member extends.

6. A garment hanger comprising an elongated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member enclosing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, means urging the rod outwardly into extended position, a second rod movable within the hollow member and engaging upon movement in one direction the first named rod to lock said first named rod against retraction.

7. A garment hanger comprising an elongated hollow member, a supporting hook carried thereby, a rod slidably disposed within the hollow member enclosing the hook member when extended to lock the same on a support, means for drawing said rod inwardly of the hollow member to move the same into open position, means urging the rod outwardly into extended position, a second rod movable within the hollow member and engaging upon movement in one direction the first named rod to lock said first named rod against retraction, means for moving the second named rod out of engagement with the first named lever, and means within the hollow member for constantly urging the second named rod in a direction to engage the first named rod.

8. A garment hanger comprising an elongated member provided at its central portion with an outstanding post, elongated arms arranged at opposite sides of the post, said arms and post having means for connecting the arms to the post for slidable movement lengthwise of the post, blocks carried by the outer end portions of the arms for contact with the end portions of the elongated member, and means carried by the post and contacting with the adjacent end portions of the arms for holding the blocks in contact with the elongated member.

9. A garment hanger comprising an elongated member provided at its central portion with an outstanding post, elongated arms arranged at opposite sides of the post, said arms and post having means for connecting the arms to the post for slidable movement lengthwise of the post, blocks carried by the outer end portions of the arms for contact with the end portions of the elongated member, means carried by the post and contacting with the adjacent end portions of the arms for holding the blocks in contact with the elongated member, each of said blocks being provided at its inner portion with an extended lip, and a slide mounted on the elongated member at each side of the post, each of said slides being engageable with the lip of the adjacent block to further hold said block in working position.

In testimony whereof I hereunto affix my signature.

BENJAMIN A. RUBIN.