No. 652,025. Patented June 19, 1900.

W. A. E. HENRICI.

CLOTHES HOLDER.

(Application filed Dec. 29, 1898.)

(No Model.)

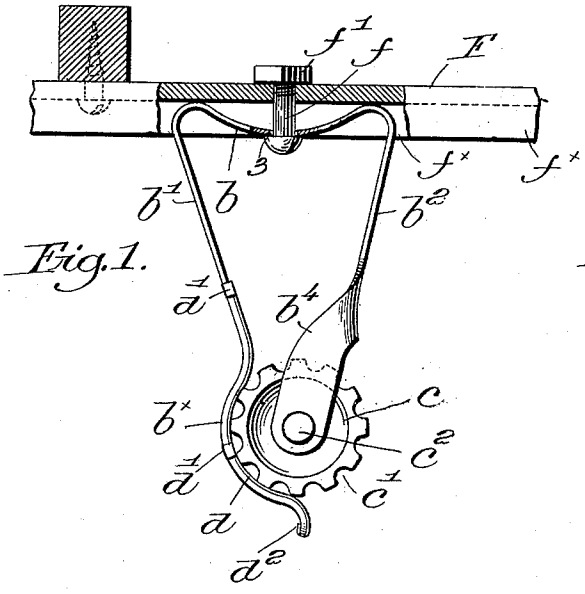


Fig. 1.

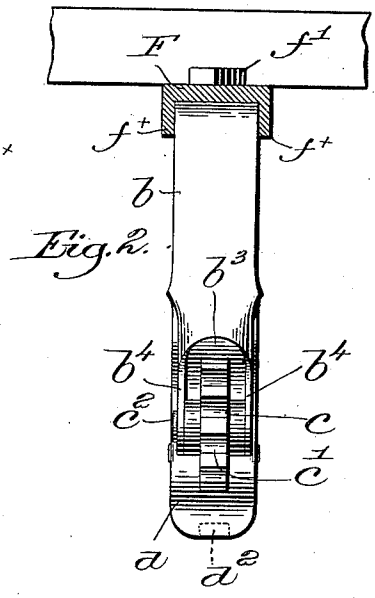
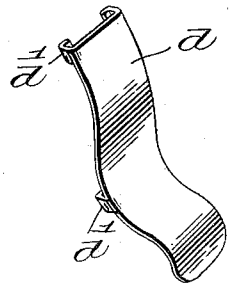


Fig. 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM A. E. HENRICI, OF CHELSEA, MASSACHUSETTS.

CLOTHES-HOLDER.

SPECIFICATION forming part of Letters Patent No. 652,025, dated June 19, 1900.

Application filed December 29, 1898. Serial No. 700,626. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. E. HENRICI, of Chelsea, county of Suffolk, State of Massachusetts, have invented an Improvement in Clothes-Holders, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

This invention has for its object the production of a novel and effective device for holding clothes, particularly adapted for use in laundries, where it is necessary or desirable to suspend various articles temporarily, the construction of my clothes-holder being simple, cheap, and durable.

Figure 1 is a side elevation of a clothes-holder, illustrating one embodiment of my invention, with the supporting device partly in section. Fig. 2 is an end elevation thereof looking toward the left, Fig. 1; and Fig. 3 is a perspective view of the face-plate to be described.

Referring to Figs. 1 and 2, the clothes-holder comprises a body and coöperating clamping members yieldingly pressed toward each other, the body being preferably struck up from resilient sheet metal to form an arched or spring-base b and two resilient arms b' b^2, extended from the base at its ends. The arm b^2 is bifurcated at its free end, as at b^3, Fig. 2, and the ears b^4, formed thereby, are bent inward into parallelism to form supports for a rotatable clamping member c, shown as a wheel having a corrugated or blunt toothed periphery c', connected with the ears by a stud or pin c^2. The free end of the arm b' is bent or curved at its outer end, as at $b^\times$, to surround or embrace a portion of the periphery of the roll c and forming therewith a fixed clamping member, the two members being held in juxtaposition with a yielding pressure by the resiliency of the arms b' b, the latter being shown as converging toward their outer ends.

Inasmuch as the holder is used very largely in laundries for suspending wet or damp articles of clothing or other fabric, it is necessary that the clamping portions shall not rust or corrode, and to this end I prefer to make the rotatable member c of aluminium and to face the fixed member with the same metal. I have herein shown a convenient way of attaching such facing by making a thin plate d, of aluminium or other non-corroding metal, bent to conform to the curvature of the fixed clamping member $b^\times$ and attached thereto by clips or ears d' d^2 along the sides and lower end of the plate and bent over upon the member $b^\times$. The resiliency of the arms b' b^2 is preserved by this construction, while the surfaces of the clamping members which engage the article to be held will not rust or corrode.

The clothes-holding device may be secured to the wall, ceiling, or any convenient object by means of a bolt and nut $f f'$, Fig. 1, the shank of the bolt passing through a hole 3 in the base b of the body and into the supporting object F. For convenience this supporting object F is made as a channel-bar with parallel flanges $f^\times$, between which the base of the clothes-holder is placed and held from turning on the bolt f. The channel-bar can be secured to the ceiling, wall, or to any other desired object. By tightening up the bolt f the arched or spring base b of the body is more or less flattened, tending to throw the outer ends of the arms b' b^2 toward each other with varying pressure, so that the bolt thus performs the additional function of taking up wear and adjusting the pressure between the clamping members.

When the garment or other article is thrust between the clamping members, they will spring apart sufficiently to admit it, but will thereafter act as a gripping effect to hold it in place until removed by a positive pull.

The rotatable member is preferably corrugated, as shown, in order to increase the gripping effect, and instead of metal it may be made of any other suitable material, such as glass, porcelain, &c.

By making one member fixed the tendency of the rotatable member to turn and release the article by its weight is reduced and very heavy articles may be suspended, a direct pull being required to release it from the holder.

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

1. As a new article of manufacture, a clothes-holder comprising a body provided with two arms one of which is resilient, a roll

rotatively carried by one of the arms, and the other arm being shaped to partially embrace the roll.

2. As a new article of manufacture, a clothes-holder comprising a body provided with two arms one of which is resilient, a roll rotatively carried by one of the arms, and the other arm being shaped to partially embrace the roll, and said shaped portion being faced with non-corrosive material next the roll.

3. As a new article of manufacture, a clothes-holder comprising a body having resilient arms, the free end of one arm being curved to form a fixed clamping member, and a coöperating rotatable clamping member mounted on the other arm and partly surrounded by the fixed member, the resilient arms pressing said members yieldingly toward each other.

4. As a new article of manufacture, a clothes-holder comprising a resilient sheet-metal body having a spring-base and two arms, a rotatable roll mounted on one arm, the outer end of the other arm being curved to partially embrace the periphery of the roll and yieldingly pressed toward it, and an attaching device connected with the spring-base, serving also to adjust the pressure between the roll and the adjacent portion of the opposed arm.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM A. E. HENRICI.

Witnesses:
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D. T. MCCARTHY.