M. J. REID.

GARMENT HANGER.

APPLICATION FILED JULY 27, 1914. RENEWED SEPT. 25, 1919.

1,324,209.

Patented Dec. 9, 1919.

Fig. 1.

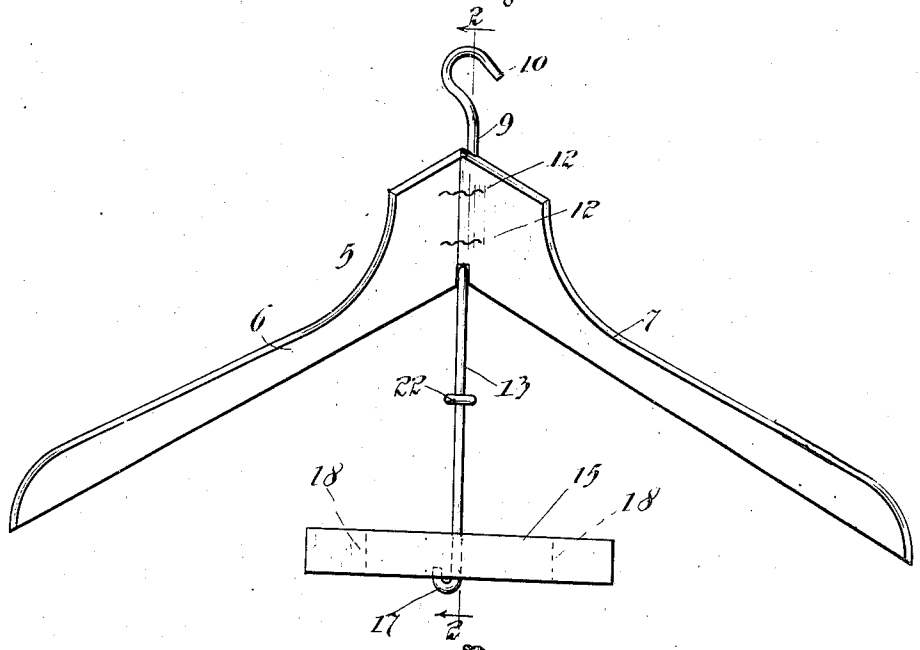


Fig. 2.

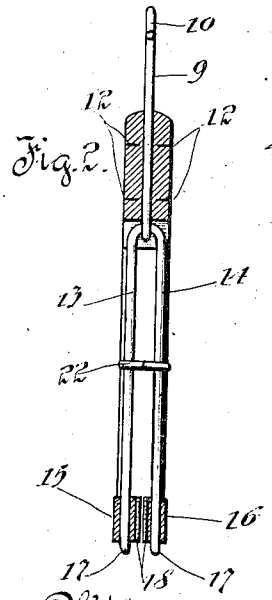


Fig. 3.

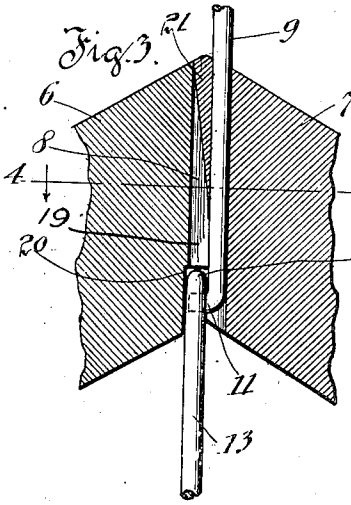
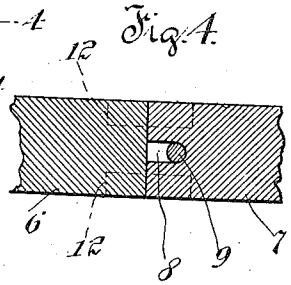


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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GARMENT-HANGER.

1,324,209. Specification of Letters Patent. Patented Dec. 9, 1919.

Application filed July 27, 1914, Serial No. 853,315. Renewed September 25, 1919. Serial No. 326,386.

To all whom it may concern:

Be it known that I, MOSES JOSHUA REID, a subject of Great Britain, and resident of 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 full, clear, and exact specification.

This invention relates to improvements in garment hangers, especially adapted for suspending men's coats, vests and trousers, and which is also adapted and is also adaptable for ladies' waists, suits and cloaks, and which heretofore have been separately made, that is to say a separate device on which to hang the coat and vest, and for the trousers, the former consisting of a curved or angular arm and a suspending hook secured at the apex thereof, and the latter of opposing straight jaws secured to the ends of a U-shaped spring, terminating at its upper end in a hook, a loop surrounding the jaws serving to actuate and hold them in their operative position for clamping a pair of trousers.

The prime object of my invention is a single structure, containing both a hanger for a coat and vest, and sustaining a pair of clamping jaws, from which to suspend a pair of trousers, and which is also adaptable on the one hand for suspending women's waists and for clamping and suspending a skirt, and in both instances in such relation that the one will not interfere with or obstruct the other, and that either may be separately detached without the other.

A further object of my invention is a garment hanger of the character above described, of minimum lightness and cheapness of construction, consistent with maximum strength and durability and with the several parts so constructed and arranged that they may be assembled in the presence of but little skill and experience.

With these ends in view, my invention finds embodiment in certain features of novelty in the construction, combination and arrangement of parts by which the said objects and certain other objects are attained, all as hereinafter fully described with reference to the accompanying drawing, and more particularly pointed out in the claims.

In said drawing:

Figure 1 illustrates in front elevation a garment hanger in operative position, in which my invention finds embodiment.

Fig. 2 is a vertical section thereof on the line 2—2 of Fig. 1 looking in the direction of the arrows.

Fig. 3 is an enlarged detail longitudinal section more clearly showing the formation of the grooves for containing the wires or rods constituting the hanger hook, and forming the springs actuating the clamping jaws of the trouser holder, and

Fig. 4 is a transverse section of the line 4—4 of Fig. 3 looking in the direction of the arrows.

Similar characters of reference indicate the same parts in the several figures of the drawing.

5 indicates a shoulder piece for a coat and vest, and may be for a lady's waist, preferably composed of wood, but may be of other material, of the usual form, or any form best adapted for its purposes, made in sections 6 and 7, the adjacent end of one of which sections 7, is provided at its end adjacent the section 6, with a vertical groove 8, the width of which is twice that of the diameter of the shank 9 of the suspending hook 10, which shank and hook are preferably of wire, which may be bent to form the hook 10, and at the lower end of the shank may be bent to a right angle to form a latch 11.

The length of the latch equals the diameter of the shank 9, so that as the sections 6 and 7 of the garment holder are secured together as they preferably are by corrugated sheet metal brads 12—12, each of which are driven into both of said members, the shank 9 and latch 11 may be projected through and inwardly beyond the holders, a sufficient distance for straddling it with spring jaws 13 and 14 preferably bent from a single piece of wire as shown in the drawing.

Spring jaws 13 and 14 have sleeved on their free ends rectangular clamping jaws 15 and 16, respectively secured against detachment by bending the end of the wires 13 and 14 as indicated at 17—17 in Figs. 1 and 2, as usual, and which are preferably lined with felt 18—18, at opposing points, and entirely of their length, or at their extreme ends only.

It will now be observed that well toward the lower end of the groove 8 the walls of

the groove are cut away as indicated at 19, and that opposing this cut away portion there is a recess 20 formed in the opposing member, with the several parts constructed and in the position last described, the hook is pulled outwardly until the latch has pulled the spring jaws into and between the slots 19 and 20 as shown in Fig. 3, and thereby confined the bend in the spring jaws between the opposing walls of the members 6 and 7 forming the coat hanger, following which a wedge 21 is driven into the upper end of the slot, and as a result of which the shank is forced against the bottom wall of its groove and the slot closed.

With the spring jaws suspended in this manner from the latch on the hook shank, there is a sufficient lateral opening in the opposing members of the coat hanger not only for the introduction of the spring jaws, but if desired for a swinging movement of those jaws, and of the articles suspended therefrom for convenience for inserting and removing a pair of trousers or other articles therefrom.

The shanks 13 and 14 of the jaws 15 normally maintain the jaws open, a ring 22, however, slidable upon the shanks 13 and 14 operating in the usual manner to close and lock the jaws in their operative position.

The main purpose of the wedge 21 is to close the otherwise exposed upper end of the slot and its frictional tightening therefore need only be sufficient to prevent the shank 9 from wabbling and the accidental detachment of the spring jaws when the hanger is not suspended from its hook, for as will be seen with the hanger suspended the gravity of the coat hanger even without the added weight of the garment would maintain both the hook 11 and the trouser hanger in their operative position.

It will now be observed that the construction herein shown and described provides for combining in one article a shoulder piece for coats and waists and a spring jaw clamp for trousers or skirts, as may be, suspended and clear of the shoulder piece and with clamping jaws both of which may be moved to an open position the one away from the other and thereby providing for an unlimited space between the jaws, one of which is movable and that the wire of the same gage may be successfully used as a suspensory means from the hook there from of both shoulder piece and the clamping jaws.

Furthermore, that there is at the same time provided a concealed hinge connection between the shank of the hook and the shank of the wire from which the spring jaws are formed, the strength of which hinged joints has a strength substantially as great for suspending a given weight as are the wires from which it is formed at another point. In short, my invention provides for the construction of a duplex hanger of minimum simplicity of cost and minimum lightness consistent with maximum strength, and in which clamping jaws for trousers and skirts are suspended free and clear of the shoulder piece for coats and waists, and whereby their form and smoothness of shape are best maintained during their suspension therefrom.

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

A garment hanger comprising in combination a shoulder piece consisting of two sections, the opposing ends of which are rigidly secured together in contact with each other, the end of one of which sections is provided with a groove terminating at one end in an enlarged chamber offset from the groove to form a shoulder, a suspending hook for the shoulder piece, the shank of which passes through the groove and terminates in a latch occupying said chamber, a wedge tightening the hook in the shoulder piece, and a pair of clamping jaws provided with U shaped yielding shanks suspended from the latch in the path of said shoulder.

In witness whereof, I have hereunto set my hand and affixed my seal, this 17th day of July, A. D. 1914.

MOSES JOSHUA REID. [L. S.]

Witnesses:
JNO. G. ELLIOTT,
I. A. COON.