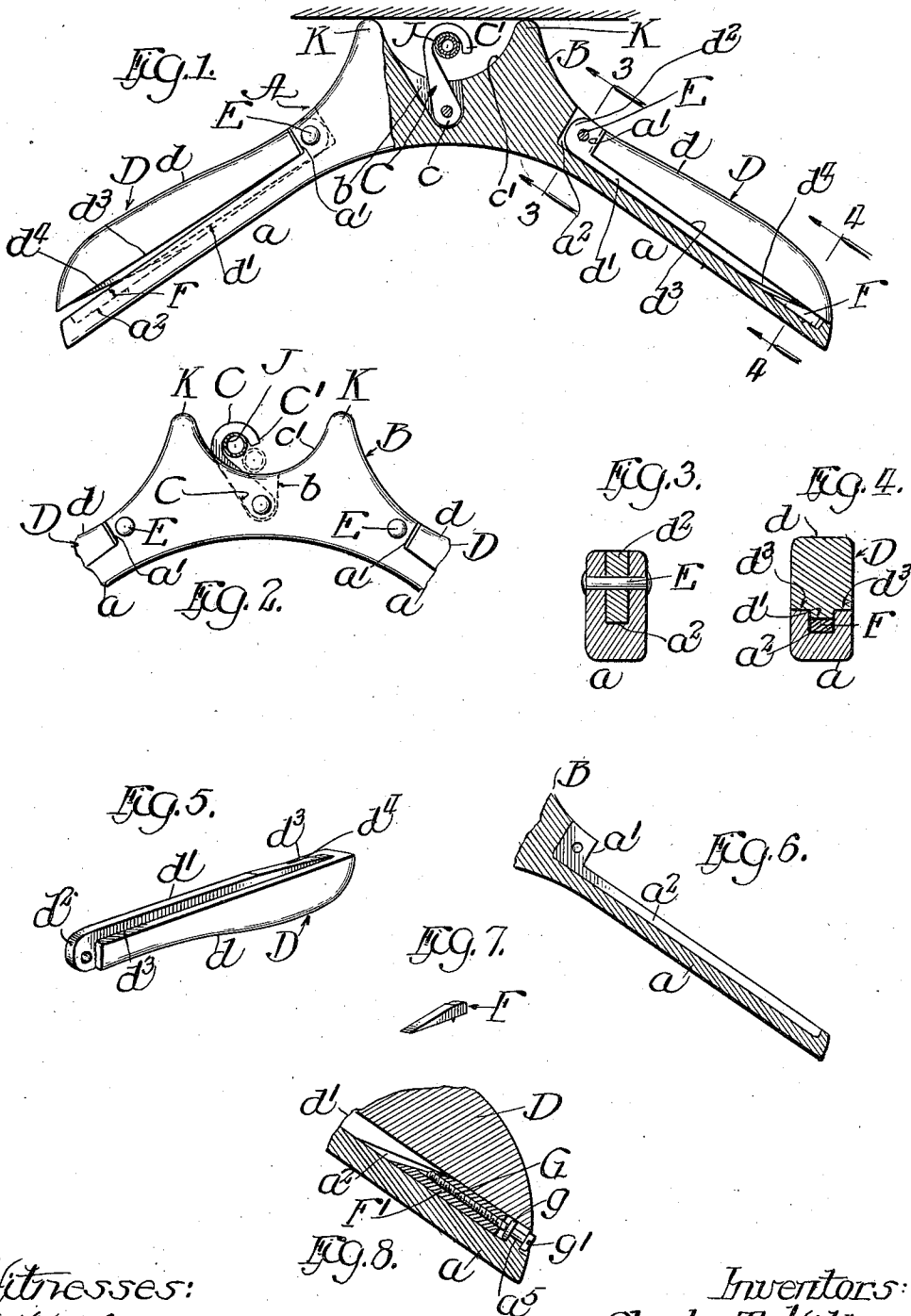


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GARMENT HANGER.  
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# UNITED STATES PATENT OFFICE.

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## GARMENT-HANGER.

1,015,605.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that we, CHARLES T. WILT and ELMER E. WILT, citizens of the United States, and residents of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Garment-Hangers; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in garment hangers more especially adapted for use in hanging coats, shirt waists and like garments, and consists of the matters hereinafter described and pointed out in the appended claims.

Our improved hanger as to some of its novel features has certain advantages making it particularly applicable for use in wardrobe trunks and the like, and we have therefore shown it herein as suspended from an extension suspension fixture, such as are used in such trunks. It may, however, be used as any other hanger.

In the drawings, Figure 1 is a view partly in front elevation and partly in longitudinal section showing our improved hanger suspended from an extension suspension fixture secured to the top wall of a wardrobe trunk or the like; Fig. 2 is a view representing a partial front elevation of the hanger illustrating the operation of disconnecting the hanger from the extension suspension fixture after said fixture has been drawn longitudinally forward out of the wardrobe trunk; Fig. 3 is a view representing a cross section through the hanger in a plane indicated by the line 3—3 of Fig. 1; Fig. 4 is a view representing a cross section in a plane indicated by the line 4—4 of Fig. 1; Fig. 5 is a perspective view of one of the adjustable members of the arms of the hanger shown in inverted position; Fig. 6 is a view representing a longitudinal section of one of the hanger arms with the adjustable member removed; Fig. 7 is a perspective view of the wedge member used for adjusting the position of the adjustable member of the hanger arm; Fig. 8 is a longitudinal central section of one of the

hanger arms at its outer end illustrating one means for operating the wedge member. 55

Referring now to that embodiment of our invention illustrated in the drawings, A indicates the hanger as a whole, the same comprising right and left arms *a*, *a*, each adapted for engagement within the corresponding shoulder of a coat and connected by a neck piece B adapted for the support of the coat collar. 60

C indicates a hook adapted for the suspension of the hanger. 65

Each of the arms *a* of the hanger is provided with an adjustable member D, the upper edge *d* of which determines the upper outline of the hanger arm, and which is capable of angular adjustment in order to engage within the shoulders of coats, shirt waists or other garments of like character, of different cuts so as to provide the required support for said shoulders no matter what the slope of said shoulders may be. 70

As shown in the drawings, each arm *a* of the hanger has a vertical shoulder *a'* near the neck piece. Said arm is provided on its upper edge with a groove *a<sup>2</sup>* extending from a point near its outer end into the vertical edge of the shoulder *a'*. The adjustable member D has on its lower edge a longitudinal flange *d'* adapted to engage within the slot *a<sup>2</sup>* of said arm and at its inner end a reduced projection *d<sup>2</sup>* forming a continuation of said flange and adapted to engage within the groove in the vertical edge of the shoulder *a'* wherein it is pivotally connected to the arm *a* by a pin E. The longitudinal shoulders *d<sup>3</sup>* at each side of the flange *d'* of the adjustable member D rest upon the fixed arm *a* when said adjustable member is swung into its lowest position. The flange *d'* near its outer end is cut away to provide a wedge surface *d<sup>4</sup>* adapted for engagement with a wedge member F which is slidably mounted in the groove *a<sup>2</sup>*. By swinging the adjustable member D upwardly on its pivotal connection with the arm *a*, access is had to the wedge member F which may be moved inwardly in order to support the adjustable member at the desired angle, as shown on the left in Fig. 1. Said wedge member is preferably provided on its bottom surface with a short pin *f* so that when the wedge is placed in the position necessary to hold 100 105

the member D at the required angle of adjustment, said pin may be caused to engage the bottom of the groove  $a^2$  and thus lock the wedge member in said position.

5 The upper edge of the neck piece B near its middle is provided with an upwardly opening groove or recess  $b$ , the plane of which is parallel to the general plane of the hanger. In said recess is located the end  $c$  of a suspension hook C, which is pivotally  
10 connected to the hanger so as to be capable of swinging movement, in said groove or recess. The upper edge  $c'$  of the neck piece is concave and the hooked end C' of said  
15 hook is so formed that when the hook is in vertical position, as shown in Fig. 1, as when the hanger is suspended thereby from a fixture J in a trunk or wardrobe, said end is spaced vertically above said upper edge a  
20 distance less than the diameter of the suspension fixture J, so that the hook cannot be disengaged from the fixture when said hook stands in vertical position. By moving said  
25 hanger so as to swing the hook into an inclined position, as shown in Fig. 2, the end of said hook is brought to a position spaced a slightly greater distance above the edge  $c'$  than the diameter of the suspension fixture rod so that said hook may be disengaged  
30 therefrom.

The neck piece of the hanger is preferably provided with upright extensions K, K spaced each side of the hook J which are adapted for engagement with the under surface of the top wall of the wardrobe trunk or like compartment when the extension of the fixture device is pushed home therewithin. Said extensions prevent the hook from  
35 being disengaged from the fixture when the hanger is located within the trunk by the jars and rough handling which the trunk is subjected to in shipping or moving.

Before the hook C can be disengaged from the suspension fixture it is necessary to withdraw said fixture longitudinally forward beyond the top wall of the trunk where the hanger may be swung to one side as illustrated in Fig. 2 and the hook disengaged. While the hanger is within the trunk the engagement of the extensions K with the  
40 top wall prevents the possibility of such movement of the hanger.

In Fig. 8 we have shown a mechanism for adjusting the position of the wedge member and for maintaining it in the adjusted position. In said figure, F' indicates the wedge member which is provided with a longitudinal threaded aperture containing a screw G. Said screw has a part  $a^3$ , not threaded, extending through a groove at the end of the arm  $a$  and is held against longitudinal movement by a collar  $g$  which engages against the end wall of the groove  $a^2$  and a head  $g'$  which engages in a recess in the outer end of  
55 the arm  $a$ . It is apparent that by rotating

the screw G, by means of a screw-driver or like instrument, the wedge member may be moved longitudinally in the groove  $a^2$  either inwardly toward the neck piece or outwardly away from the neck-piece.

While in describing our invention we have referred to certain details of mechanical construction and arrangement, it is to be understood that our invention is not limited thereby except as pointed out in the appended claims.

We claim as our invention:—

1. A garment hanger comprising a neck-piece, and a pair of fixed arms extending from said neck-piece, each of said arms being provided with an outwardly facing shoulder adjacent said neck-piece and with a longitudinal groove in its upper edge exterior to said shoulder, a pair of hinged arms each having pivotal connection at its inner end with its associated fixed arm at a point adjacent to the said shoulder and provided at its lower edge with a longitudinal flange adapted for engagement with the groove of said fixed arm, and adjustable means for supporting the outer end of each hinged arm at different distances from its associated fixed arm.

2. A garment hanger comprising a neck-piece and a pair of fixed arms extending from said neck-piece, each of said arms being provided with an outwardly facing shoulder adjacent the neck-piece, a pair of hinged arms each having pivotal connection at its inner end with its associated fixed arm adjacent to said shoulder, and being provided with a downwardly facing wedge surface in a part of its length, an adjustable wedge member interposed between each fixed arm and the wedge surface of its associated hinged arm, and means for locking the wedge member in different adjusted positions.

3. A garment hanger comprising a neck-piece, a pair of fixed arms extending from said neck-piece, each of said fixed arms being provided with a vertical shoulder adjacent the neck-piece and with a longitudinal groove in its upper edge extending from a point near its outer end into said shoulder, a pair of hinged arms each having pivotal connection with the shoulder of an associated fixed arm and provided on its lower edge with a longitudinal flange adapted for engagement within the groove of said fixed arm, said flange having a downwardly facing wedge surface in part of its length, and a wedge member slidable in said groove and adapted for engagement with the wedge surface on the flange of said hinged arm.

4. A garment hanger comprising a neck-piece, a pair of fixed arms extending from said neck-piece, each of said fixed arms being provided with a vertical shoulder adjacent the neck-piece and with a longitudinal

nal groove in its upper edge extending from a point near its outer end into said shoulder, a pair of hinged arms each having pivotal connection with the shoulder of an associated fixed arm and provided on its lower edge with a longitudinal flange adapted for engagement within the groove of said fixed arm, said flange having a downwardly facing wedge surface in part of its length, a wedge member slidable in said groove and adapted for engagement with the wedge surface on the flange of said hinged arm, and means for locking said wedge member in position.

5. A garment hanger comprising a neck-piece, a pair of fixed arms extending from said neck-piece, each of said fixed arms being provided with a vertical shoulder adjacent the neck-piece and with a longitudinal groove in its upper edge extending from a point near its outer end into said shoulder, a pair of hinged arms each having pivotal

connection with the shoulder of an associated fixed arm and provided on its lower edge with a longitudinal flange adapted for engagement within the groove of said fixed arm, a wedge member slidable in said groove and adapted for engagement with the lower edge of the flange of said hinged arm, and means for moving said wedge member longitudinally in said groove comprising a screw rotatively carried by said fixed arm and threaded longitudinally through said wedge member, and means for holding said screw against longitudinal movement.

In testimony, that we claim the foregoing as our invention we affix our signatures in the presence of two witnesses, this 9th day of June A. D. 1911.

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ELMER E. WILT.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."