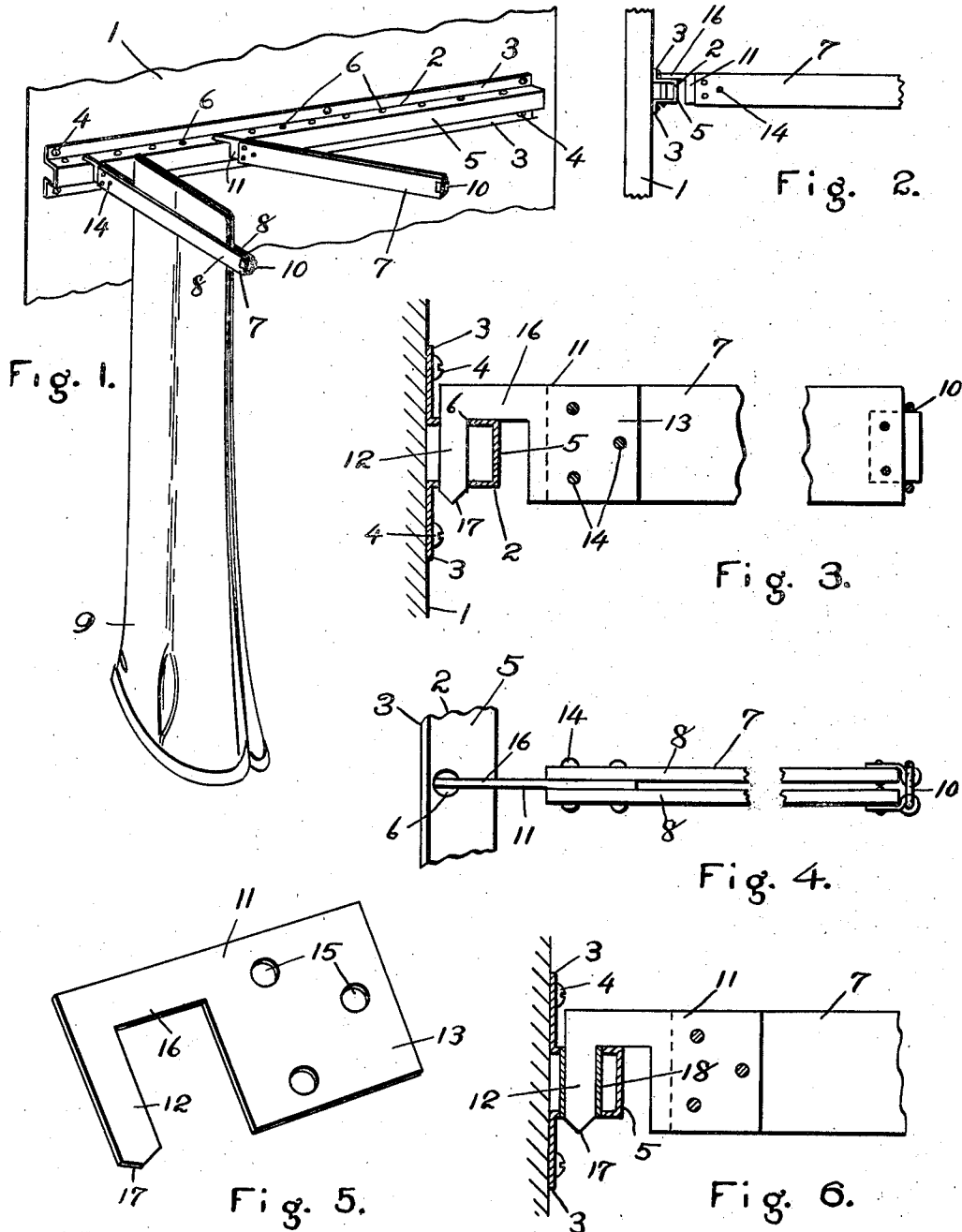


N. GOLDSMITH.
GARMENT HANGER.
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Patented May 26, 1914.



WITNESSES:

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NATHAN GOLDSMITH, OF NEWARK, NEW JERSEY.

GARMENT-HANGER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NATHAN GOLDSMITH, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain Improvements in Garment-Hangers, of which the following is a specification.

The objects of this invention are to provide a garment hanger adapted to be removably pivoted at a fixed point and swing from side to side, so that a plurality of such hangers may be arranged in a series with the greatest economy of space and ease of access; to provide such a hanger which can be readily removed and replaced with respect to its pivotal mounting; to avoid the use of spring clips and the like, which soon lose their resiliency, and thus insure durability and freedom from getting out of order; to secure simplicity of construction and operation, and to obtain other advantages and results as may be brought out in the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate the same parts throughout the several views, Figure 1 is a perspective view of a garment hanger embodying my invention, showing two of a series of arms thereon; Fig. 2 is an end view of the same; Fig. 3 is a transverse vertical section showing the means for pivoting the arms; Fig. 4 is a plan of one arm broken and the adjacent portion of the support; Fig. 5 is a detail perspective view of the pivot plate for each arm, detached, and Fig. 6 is a sectional view similar to Fig. 3 showing a slight modification of construction.

In the specific embodiment of the invention illustrated in said drawings, the reference numeral 1 indicates any suitable surface to which a garment hanger of this class is usually applied, such for instance as a wall, door or the like, and affixed thereto at a convenient and proper height is the supporting means 2, of my improved hanger. In the particular form shown, said support is a single piece of sheet metal bent into channel shape longitudinally along its middle and providing at its margins feet or flanges 3, in substantially the same plane and on opposite sides of the channel portion, by which the support can be secured to the surface 1, as by screws 4. The horizontally projecting rib or middle portion 5 provides a series of vertical sockets 6, arranged at

suitable distances apart and each formed by alined holes in the upper and lower sides of said projecting portion. Any other equivalent construction of support can be employed, however, which will provide the sockets described. Upon the said support of my improved hanger is mounted a series of horizontally projecting arms 7, of any suitable construction adapted to receive each a garment, and pivoted one in each of the said sockets so as to swing from side to side although held pivoted at a fixed point on the support. I have shown said arms, for purposes of illustration, as consisting of flat strips 8 arranged vertically edgewise and adapted to clamp between themselves a garment such as the trousers 9 which are shown, the outer ends of said strips being releasably held together by a clip 10 of any ordinary and well-known type. It will be understood, however, that any other form of arm adapted to support garments or the like might be substituted for the one which I have specifically shown, without departing from the spirit and scope of the invention.

For pivotally connecting each arm to the stationary support, the same is provided at its inner end with a pivot plate 11 as shown in detail more particularly in Fig. 5. This pivot plate may be conveniently produced by stamping it out of heavy sheet metal in substantially U-shape with one leg 12 adapted to fit in the sockets 6 of the support and the other leg 13 suitably shaped for connection to the garment supporting arm 7. With the construction of arm 7 which I have specifically shown and described, the said leg 13 of the pivot plate is simply widened or extended away from the other leg, in the plane of the plate, to lie between the two strips 8, 8 of the arm and be secured firmly thereto by rivets 14 extending through said arm and perforations 15 in the pivot plate. In securing these strips 8, 8 to the pivot plate 11, it is to be noted that a portion of the wider leg 13 approximately equal to the narrow leg 12 is caused to project beyond the ends of the strips 8, 8, so that as the arm is swung from side to side the projecting longitudinal edge of the leg 13 engages the front of the rib 5, thus acting as a stop to limit the amplitude of swing of the arm instead of having the strips 8, 8 engage the rib. This secures a maximum range of movements with minimum distance from the rib 5, since the plate 11 is of thin sheet

metal, and furthermore prevents contact of the strips with the rib, which would ultimately cause loosening of the strips from the pivot plate. The portion 16 of the pivot plate connecting these two legs rests upon the top of the support 2 so as to limit down passage of the leg 12 into the socket of said support, and it will be understood that the distance between the two legs 12, 13 is sufficient to enable the arm to be swung horizontally through a considerable angle before the other leg 13 engages the front of the support to limit such swinging. Preferably, the end of the leg 12 is tapered as at 17 so as to more readily be introduced into the socket 6. Also greater stability and steadiness of the hanger arm is secured by a maximum length of arm resting on the top of the support 2, for which reason I preferably place the sockets 6 close to the back or flanges 3 of the support, and as far as possible from the front of the rib or channel portion 3, as shown.

Under some conditions the sockets in the support 2 may be lined with tubular sections 16 inserted therein, as shown in Fig. 6.

It will be understood that the pivot plate of my improved garment hanger may be of any other equivalent construction than the sheet metal one which I have specifically shown, as may occur to anyone skilled in the art, and various other modifications may be made in the garment hanger without departing from the spirit and scope of my invention. I therefore do not wish to be understood as restricting myself except as required by the following claims when construed in the light of the prior art.

Having thus described the invention, what I claim is:

1. In a garment hanger, the combination of supporting means adapted to be secured to a wall or the like and having an upright socket spaced inward from its front, a garment-receiving arm comprising strips arranged vertically flatwise together, and a U-shaped pivot plate one of the legs of which is wider than the other and secured between said strips so as to project beyond the ends thereof at its edge next the other leg and expose a portion of itself approximately equal to said other leg, said other leg being adapted to enter said upright socket in the supporting means and turn therein with an amplitude limited by engagement of the edge of said projecting portion of the first-mentioned leg with the front of the supporting means as a stop.

2. In a garment hanger, the combination of a support providing a hollow rib or projecting portion with alined perforations in its top and bottom, a tubular lining arranged in said perforations and secured at its opposite ends to the upper and lower walls of said rib and providing a continuous bearing surface between said walls, a pivot plate having a leg adapted to be inserted in said perforations and be guided from the perforation in the upper wall to the perforation in the lower wall of said rib by said tubular lining, and a garment-receiving arm secured to said pivot plate.

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Witnesses:

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