(Model.)

W. E. GINN.

SUIT HANGER.

No. 301,356. Patented July 1, 1884.

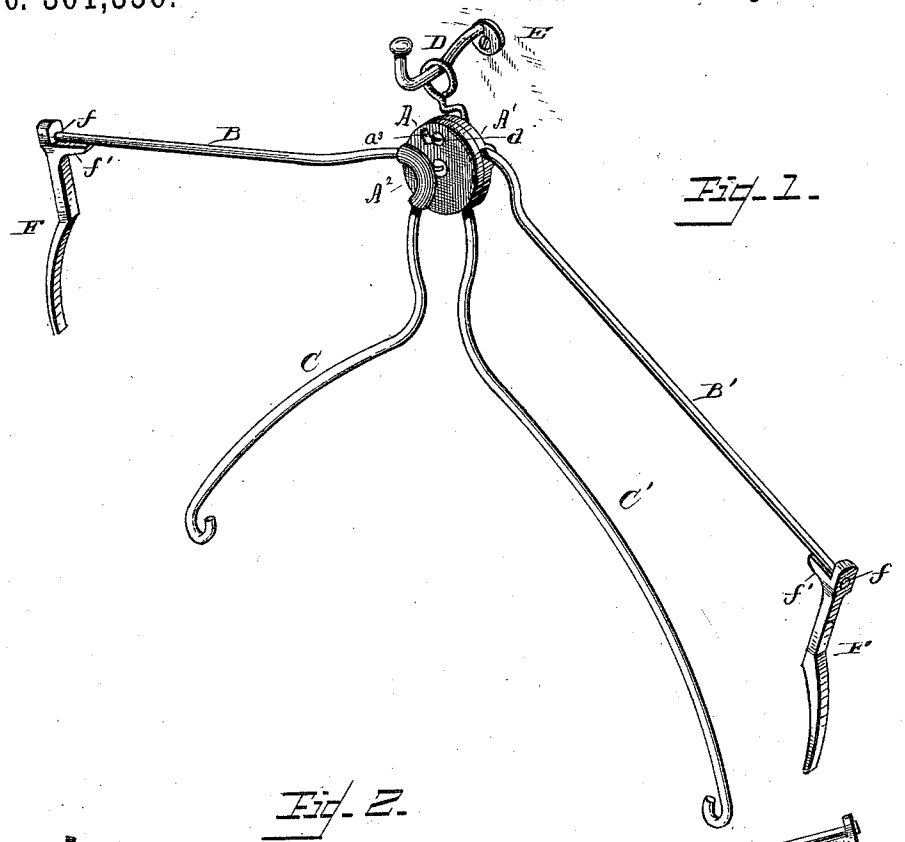


Fig. 1.

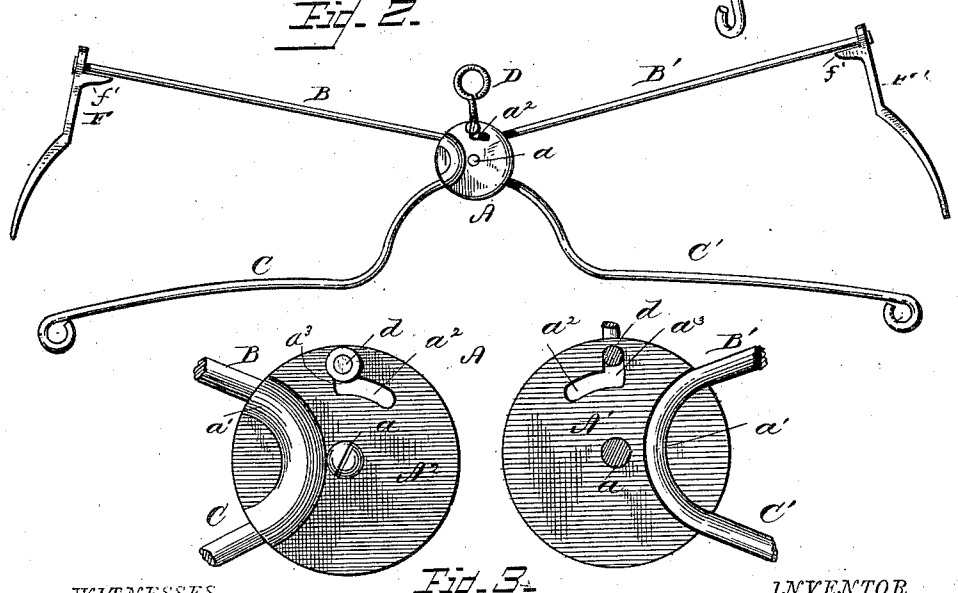


Fig. 2.

Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM E. GINN, OF WOODBERRY, MARYLAND.

SUIT-HANGER.

SPECIFICATION forming part of Letters Patent No. 301,356, dated July 1, 1884.

Application filed March 14, 1884. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM E. GINN, of Woodberry, county of Baltimore, State of Maryland, have invented a new and useful Improvement in Suit-Hangers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a rack or support for suspending the several articles of clothing or dress in a stretched or distended condition best adapted to preserve the proper shape, and to avoid the wrinkling or creasing arising from the ordinary modes of hanging or suspending garments when not in use; and it consists in the combination of supporting-arms with a central hub or pivot, which permits the adjustment of the arms for expanding the garments when placed thereon, or for freeing the same and permitting their removal; also, in a novel construction of the central hub or plate, to which the hanger-arms are secured, and in forming the arms on the same side of the central plate or hub in one piece, or in so connecting them with the central hub or pivot that they will be simultaneously adjusted; and it further consists in the combination, with the pantaloon-supports, of adjustable expander-arms held in adjustment by gravity, and in certain details of construction and arrangement, hereinafter fully described.

In the accompanying drawings, Figure 1 is a perspective view of my improved rack or hanger with the parts in position for applying or removing the garments. Fig. 2 is a front elevation of the same with the parts adjusted to the position they occupy when the garments are suspended thereon; and Fig. 3 is a face view of the two parts of the divided central plate or hub enlarged, with the hanger-arms applied, the latter being shown broken away in part.

In the construction of my improved hanger I employ a central plate or hub, A, made by preference in two parts, A′ and A^2, both alike, and cast, if desired, where castings are employed, in the same mold, but set in reverse positions, and when in use connected by a central pin or pivot, *a*. These parts A′ and A^2 have grooves or sockets *a′* formed in their inner adjacent faces, of sufficient depth to receive the hanger-arms B and B′ and C and C′, the former for the support of the pantaloons, and the latter for the support of the coat and waistcoat, either or both, the arms B and C, owing to the reverse position of the two parts of the hub, projecting on one side thereof, and the arms B′ and C′ on the opposite side. The grooves or sockets *a′* are by preference made in the curved form shown, terminating at both ends on the same side of the plate or hub A in such manner that the hanger-arms B and C or B′ and C′ on the same side of the hub may be formed in one and the same piece or rod, bent as shown, this being a simple and inexpensive form of construction. It will be apparent, however, that separate sockets may be made in the plate for said arms, and those upon the same side may be otherwise rigidly connected with or they may be formed or cast in one piece with their portion of the divided central hub. The parts A′ and A^2 have each an angular slot, a^2, formed in it, the main portion of which is curved in the arc of a circle of which the pivot *a* is the center, and terminates at one end in a radial portion, a^3, extending outwardly. A pin, *d*, passes through the slots in the two parts of the hub A, and forms by preference an angular or horizontal extension of the lower end of the loop or ring D, through which the hanger is suspended from a suitable hook or bracket, as indicated at E in Fig. 1. By this construction it will be seen that when the central plate or hub, A, with its arms, is raised slightly, so as to bring the pin *d* into the curved portion of the angular slot a^2, the two parts of said hub can be vibrated one relatively to the other on the central pivot, and under the gravity of the arms or of the clothing suspended thereon the arms will naturally drop into the position shown in Fig. 1, in which the garments can be readily and easily applied or removed, while, when the garments are placed on the hanger and the arms are vibrated upward for expanding or extending them until the radial or vertical portions a^3 in the two parts of the hub coincide, by lowering the hub slightly the pin *d* will enter said parts of the slots and lock the plates with the arms distended, as shown in Fig. 2. The pantaloon-arms B and B′ are by preference curved forward slightly near their junction with the hub in such manner as to bring them a little in front of the coat-

arms C and C′, for the purpose of preventing injurious pressure or rubbing of the garments one upon the other, and have pendent from them arms F and F′, which, by adjustment by sliding on the arms B and B′, can be readily adapted to the size of the waistband of the pantaloons to be suspended thereon. The pendent arms F and F′ have each an eye, *f*, formed in its upper end, through which it is suspended and made adjustable on its supporting-arm, and directly underneath said eyes are provided with inwardly-projecting spurs or shoulders *f′*, which, when the supporting-arms are raised into the position shown in Fig. 2, or the weight of the garment is brought to bear on said pendent arms, bear against the supporting-arms with sufficient pressure or frictional resistance to hold them at any desired adjustment thereon. An elongation of the eye *f* into a short sleeve, it will be obvious, would accomplish the same result as the spur or shoulder *f′*. The arms F and F′ are straight for a short distance below the supporting rods or arms, sufficient to accommodate the waistband, and are then curved outward to conform to the shape of the hips, and serve to press outward the sides of the pantaloons, conforming in shape thereto below the waistband, and to uphold the pantaloons by preventing the waistband from slipping over them.

In operation the hanger is suspended upon a suitable hook or bracket, and in the position substantially as indicated in Fig. 1, in which it is adapted to receive the garments. As the garments are removed from the person, the coat and vest or waistcoat, either or both, will be placed over the arms C C′, which are of the curved form shown, adapting them to the shoulders of said garments. The pantaloons are then placed over the shouldered pendent expander-arms F F′ and held by the sides, while the latter are moved outward on the supporting-rods B B′, while at the same time said rods are raised, and simultaneously with the pressing of the pendent arms snugly against the sides and into the hips of the garment the plates A′ and A^2 are brought into position where the vertical slots a^3 coincide or are in line, when the weight of the garments, carrying said plate downward, causes the pin *d* to enter said slots, and thus to lock the two parts of the hub with the arms extended, as shown in Fig. 2, in which the garments will be securely held and properly distended, as explained. By raising the central hub at any time until the pin *d* is brought into the curved part of slot a^2, the arms B, B′, C, and C′, acted upon by the weight of the garments suspended, will be depressed, releasing the pantaloons from the pendent arms, adapting the other garments to be easily removed.

It will be apparent that the form of the central plate or divided hub and of the several arms connected therewith may be varied without departing from the invention hereinabove described.

Having now described my invention, I claim as new—

1. In a suit-hanger, the coat and pantaloon supporting arms upon one side, rigidly connected one with the other, and having a pivotal connection with the corresponding arms upon the opposite side.

2. The central hub, made in two parts, each provided with laterally-projecting arms, and connected by a central pivot, adapting said arms to be adjusted substantially as and for the purpose described.

3. In a suit-hanger, the central hub, made in two parts, each socketed to receive coat and pantaloon supporting arms, substantially as described.

4. In a suit-hanger, the divided central hub, the two parts of which are provided with slots for permitting their adjustment upon a connecting-pivot, and with sockets for the reception of the coat and pantaloon arms, substantially as described.

5. The coat and pantaloon supporting arms, made in one piece, and rigidly attached upon one side of the central hub by means of retaining-sockets formed therein, substantially as described.

6. The central hub, in which the laterally-projecting arms are united, made in two parts, pivotally connected, and provided with angular slots, in combination with a through-pin or supporting-hook for permitting the adjustment of the arms and for locking the same when adjusted, substantially as described.

7. In a suit-hanger, the pantaloon-supporting arms provided with shouldered pendent expander-arms adjustable upon the supporting-arms, and held in place thereon by gravity, substantially as described.

8. In a suit-hanger, the pantaloon-supporting arms provided with the pendent expander-arms adjustable upon the supporting-arms, and held in place thereon by gravity, in combination with the coat-supporting arms, all substantially as described.

In testimony whereof I have hereunto set my hand this 8th day of March, A. D. 1884.

W. E. GINN.

Witnesses:

E. L. WHITE,

EDWARD Y. GINN.