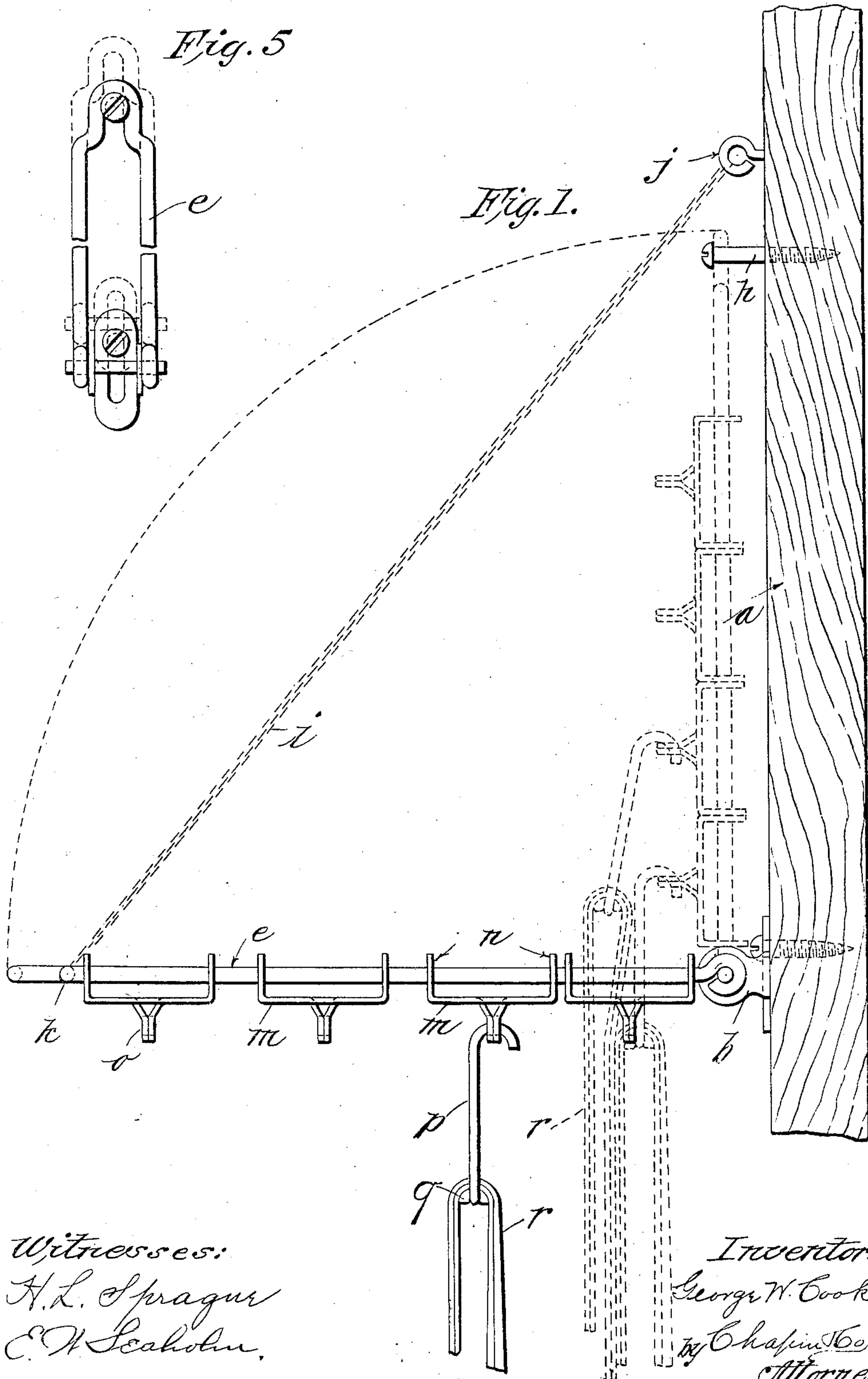


No. 840,045.

PATENTED JAN. 1, 1907.

G. W. COOK.
GARMENT HANGER.
APPLICATION FILED APR. 3, 1906.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 2.

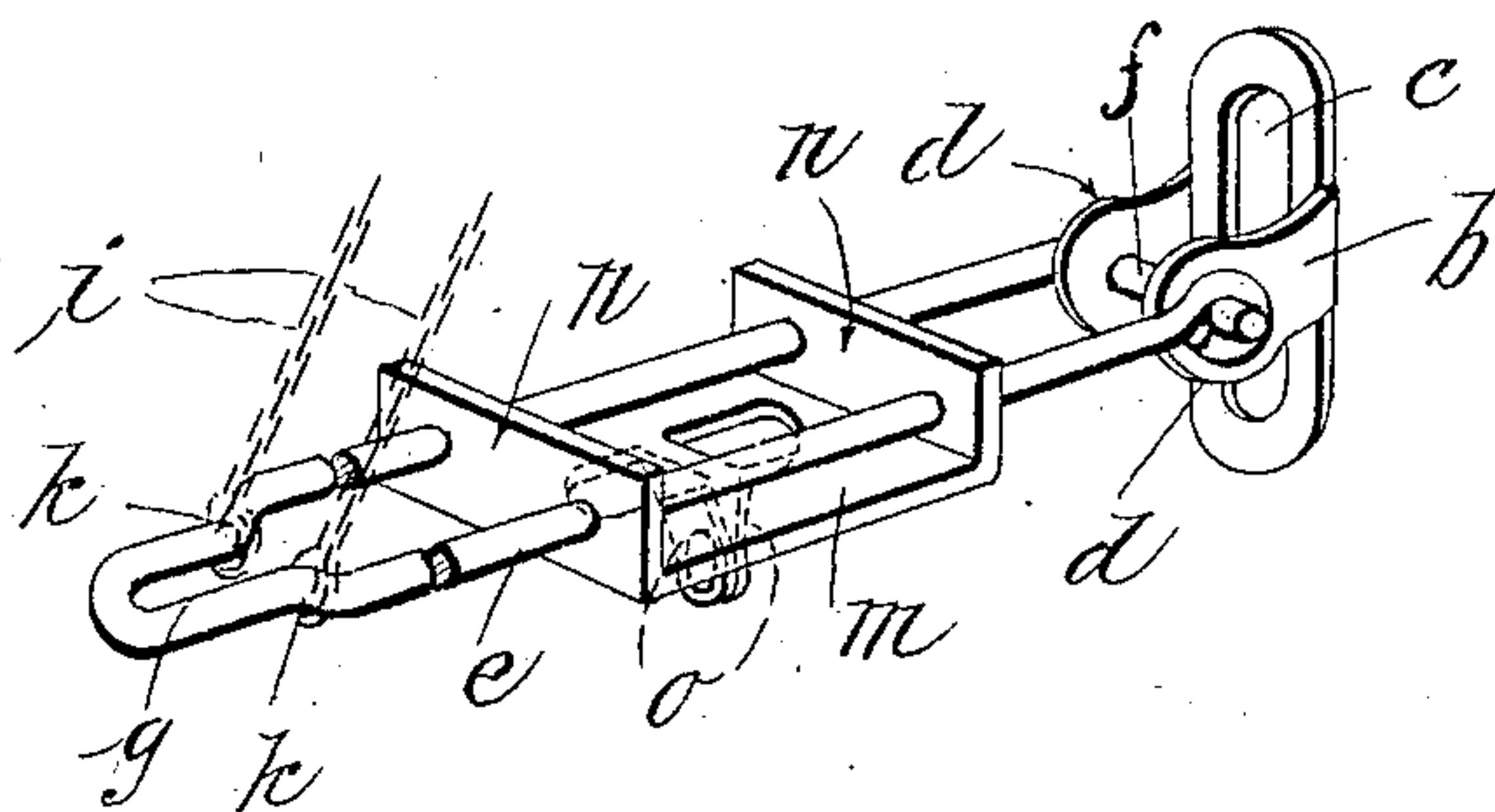


Fig. 3.

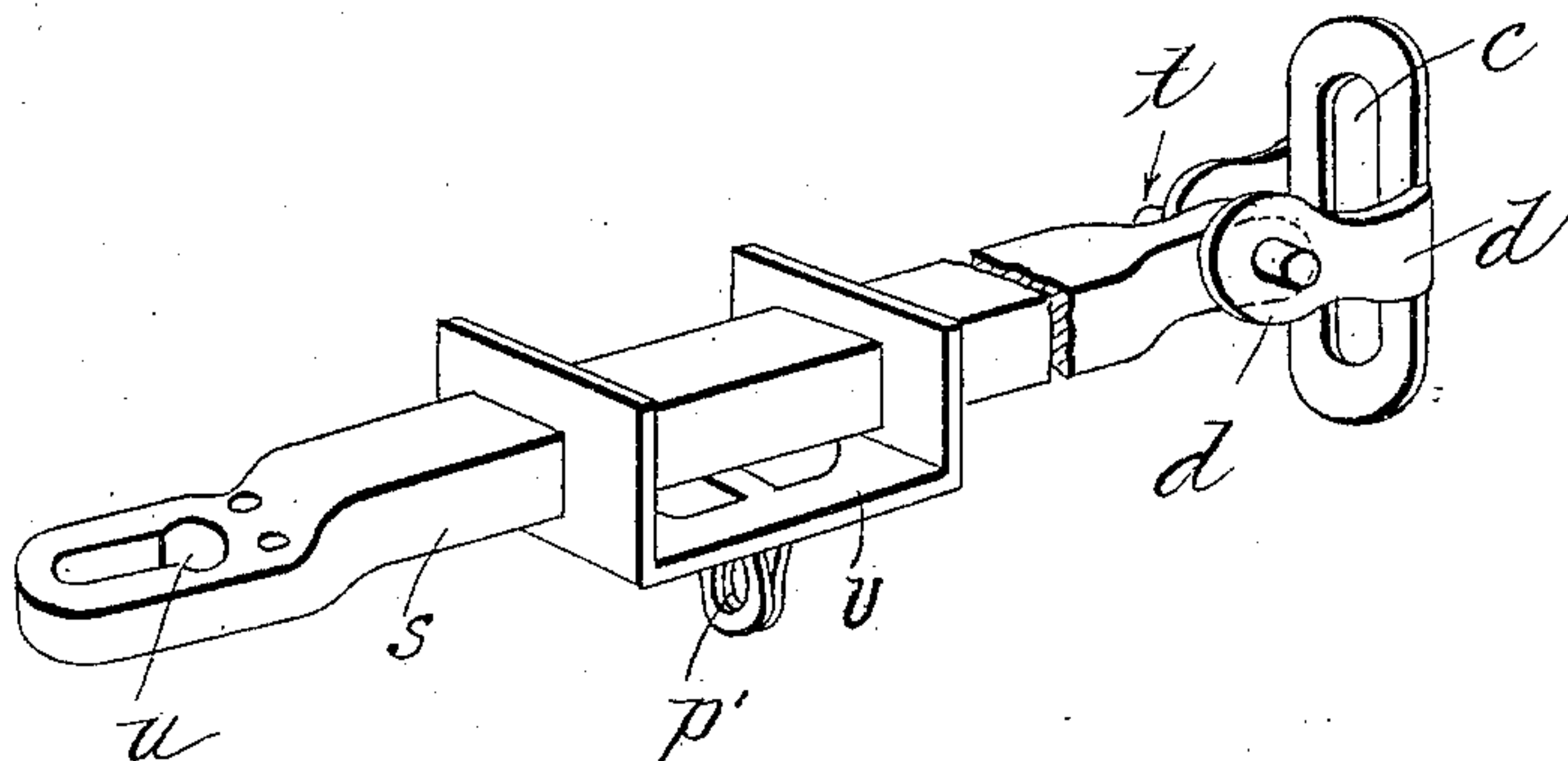
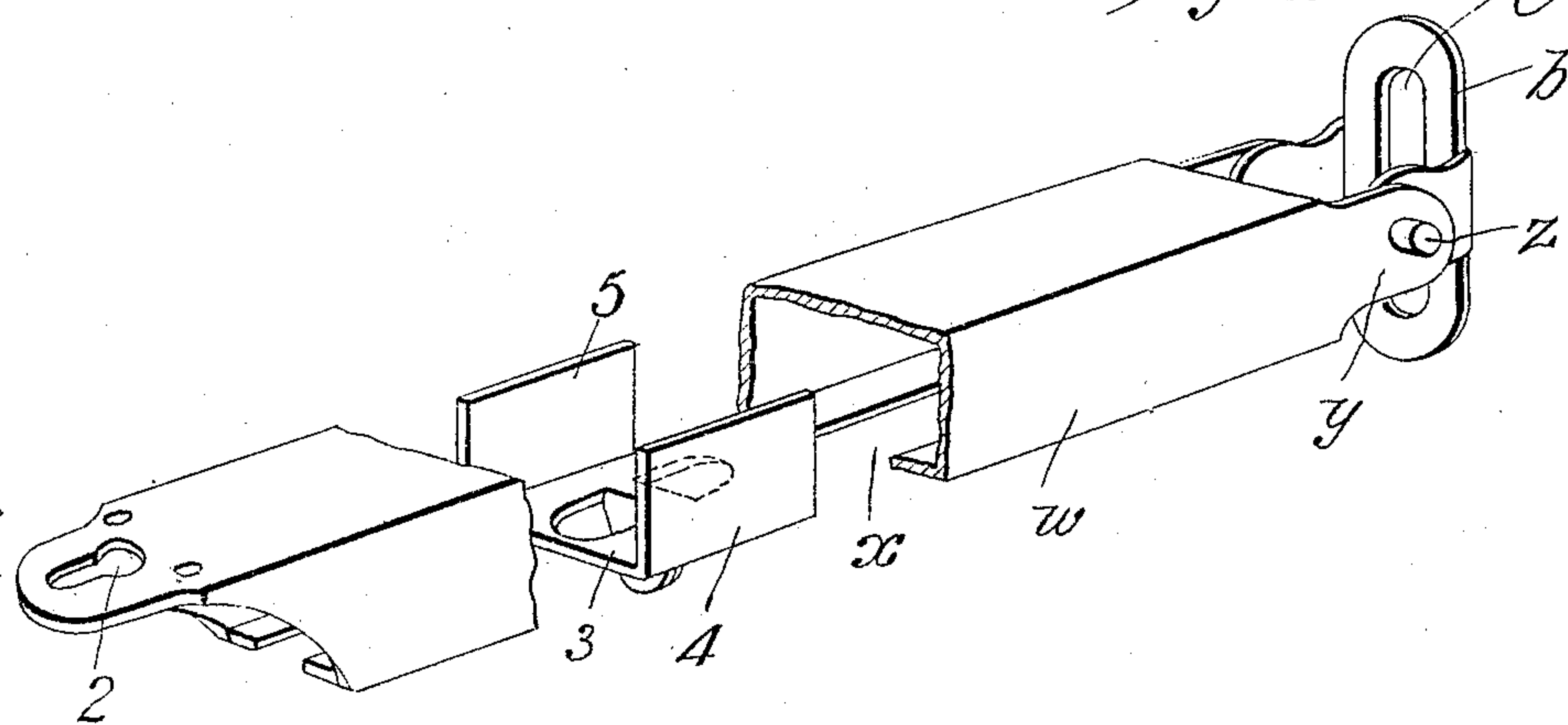


Fig. 4.



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UNITED STATES PATENT OFFICE.

GEORGE W. COOK, OF SPRINGFIELD, MASSACHUSETTS.

GARMENT-HANGER.

No. 840,045.

Specification of Letters Patent.

Patented Jan. 1, 1907.

Application filed April 3, 1906. Serial No. 309,613.

To all whom it may concern:

Be it known that I, GEORGE W. COOK, a citizen of the United States of America, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Garment-Hangers, of which the following is a specification.

This invention relates to the class of garment-hangers, and more particularly to that class which are adapted for supporting trousers in a vertical position.

Broadly, the invention consists in pivotally securing an arm to a fixed support and placing on the arm a series of slidable pieces or clips which are adapted to receive a bent wire having a hook at its upper end and through which the garment may be drawn, the arm being adapted to be supported in an extended position by means of a chain or other equivalent device in a substantially horizontal position, whereby the garments will hang in a separated position, and when the arm is locked in a vertical position against the wall or fixed support the garments are adapted to lie over each other, and thus occupy but little space.

In the drawings forming part of this application, Figure 1 is a side elevation of the device shown attached to a fixed support and showing the same in folded position in dotted lines. Fig. 2 is a detailed view of the pivotal arm and securing-bracket, the arm being constructed from round wire and bent into parallel relation. Fig. 3 is a detail view of a modification of the swinging arm, the same being constructed from a single solid piece of metal or other suitable material and rectangular in cross-section. Fig. 4 is a further modification of the supporting-arm, the same being made tubular with a longitudinal slot in the lower side thereof, and within the tubular arm, adapted for reciprocation, is located the adjustable supporting-piece, to which the series of garment-hooks are attached. Fig. 5 shows the manner in which the supporting-arm is manipulated so as to retain the same in a vertical position.

Referring to the drawings in detail, *a* designates a portion of the fixed support, which may be the door-casing or the door itself—as, for instance, the inside portion of a closet-door.

b designates a bracket having the longitudinal slot *c*, through which the securing-

screw is adapted to pass, at the same time allowing vertical adjustment for the bracket, as clearly understood. This bracket is provided with two integral ears *d* at right angles to the base portion of the bracket and parallel to each other. Pivotaly secured to the ears *d* is the supporting-arm *e*, (see Fig. 2,) one of the members of which is bent at right angles, as shown at *f* and passed through apertures in the ears *d*, the other member of the supporting-arm *e* being bent around the portion *f*, as clearly shown in Fig. 2. The outer end of the arm *e* has a constricted portion *g*, formed by bending toward each other the two parallel members of the supporting-arm. This constricted portion permits the same to be hooked onto the screw *h* when the arm is swung upward against the wall and the bracket *b* is moved upward. Upon lowering the arm and bracket the screw *h* will retain the arm in a vertical position.

i designates two chains, the upper ends of which are secured to eyebolts *j*, (only one of which shows in Fig. 1,) and the lower ends are attached to the supporting-arm *e*, as shown, at the bends *k*. The purpose of this chain is for supporting the arm in a horizontal position, as shown in Fig. 1.

m designates a slidable piece or clip which is constructed from sheet metal, having portions *n* bent at right angles to the body portion and apertures therethrough. The parallel members of the supporting-arm *e* are passed through the apertures of the portion *n*. By the term "clip" I include all integral portions or whatever is attached thereto. Struck out from the bottom of the slidable carrier-piece or clip *m* are two pieces *o*, the same being bent together, as shown in Figs. 1, 2, and 3, and having a hole drilled or punched through the same.

p designates as a whole the garment-hanger, adapted to be hooked into the hole *p'* of the portion *o*. Mounted on the lower member of the garment-hanger *p* and in the horizontal portion thereof is a piece *q* for the purpose of affording a broad bearing-surface for the garment, (designated by *r*;) the piece *q* being crimped, so as to fit over the horizontal member of the hook, or the same may be secured thereto by soldering.

Referring to Fig. 3, the supporting rod or member *s* is made rectangular in cross-section and pivoted to the ears *d* of the adjustable supporting-bracket *b* by means of the

pin *t*, as shown. The outer end of the arm is flattened and has a keyhole-slot *u* therein, the larger portion of the same being adapted to be slipped over the head of the screw *h*, the narrow portion thereof being adapted to receive the shank portion of the screw and hold the rod *s* in a vertical position, as readily understood. *v* designates the carrier-piece used in connection with this form of supporting-arm, the same being constructed substantially like the one shown in Fig. 2, with the exception that instead of the two series of apertures in the bent-up portion of the carrier-piece a rectangular opening is provided corresponding in shape to the cross-section of the supporting-rod *s*.

Referring to the further modification shown in Fig. 4, *w* designates a tubular supporting-arm, having the longitudinal slot *x* in the lower side thereof. This arm is adapted to be supported on the bracket *b* by means of the earpieces *y* and a pin *z* passing through the earpieces *d* of the bracket and the earpieces *y* of the supporting-arm, as shown. The outer end of this arm is provided with a keyhole-slot 2 for the same purpose as the keyhole-slots *u* which have been described in connection with Fig. 3. The slidable member 3 used in this form of supporting-arm is made substantially rectangular in shape by having the portions 4 and 5 bent so as to have a sliding fit within the arm *w*, while the struck-out portions in the bottom of the sliding member 3 are constructed the same as shown in the other figures and are adapted to have longitudinal movement in the slot *x*.

Referring to Fig. 5, (which is a detail view showing the manner in which the supporting-arm is operated,) the user by lifting on the arm *e* raises the same, together with the bracket *b*, so that the bracket and arm are elevated from the full to the dotted line position, so that the head of the screw *h* can be passed through the wide portion between the arms of the supporting member in order that the neck of the screw *h* will engage the narrow or contracted portion, as shown, when the device is lowered again.

I do not limit myself as to the form of slot in the end of the supporting-arm and may provide simply a drilled hole.

It is thus seen that I have provided convenient means of supporting the series of garment-supporting hangers in either a vertical or horizontal position and one that can be readily attached to and removed from a fixed support.

I have shown the carriers separated for convenience in placing the garments on or removing them from the hooks.

When the supporting-arm is swung to a vertical position, the garments, as shown in dotted lines, Fig. 1, all lie against each other, thus occupying but little space.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a garment-hanger, an arm, a bracket adapted for vertical adjustment for securing the same to a fixed support, a slot or constricted portion in the outer end of the supporting-arm, one end of the slot being narrower than the other, and means for engaging the slot or constricted portion in the outer end of the supporting-arm in a vertical position.

2. In a garment-hanger, a supporting member pivotally and vertically adjustably secured to a fixed support, and having a constricted opening in the end thereof, a retaining device also secured to the fixed support, a series of carriers longitudinally adjustable on the supporting member, said carrier devices having portions struck out from the body portion thereof and forming earpieces whereby hooks or garment-holding devices may be attached thereto, and means secured to the wall for engaging the constricted opening in the end of the supporting member whereby the supporting member may be retained in a vertical position against the wall, and means for holding the supporting member in a horizontal position, as described.

3. In a garment-hanger, an arm pivotally and adjustably secured to a fixed support and having a slot in the outer end thereof, a series of carriers mounted on the arm and having struck-out portions in the base thereof for affording means for attaching a garment-hook, means secured to the wall above the pivotal securing means for the arm for engaging the slot in the outer end of the arm whereby when the arm is swung and elevated the same is retained in vertical position against the wall or fixed support, and whereby the series of carriers will permit the garments to overlies each other in a vertical position, and means whereby the arm may be supported in a horizontal position.

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