

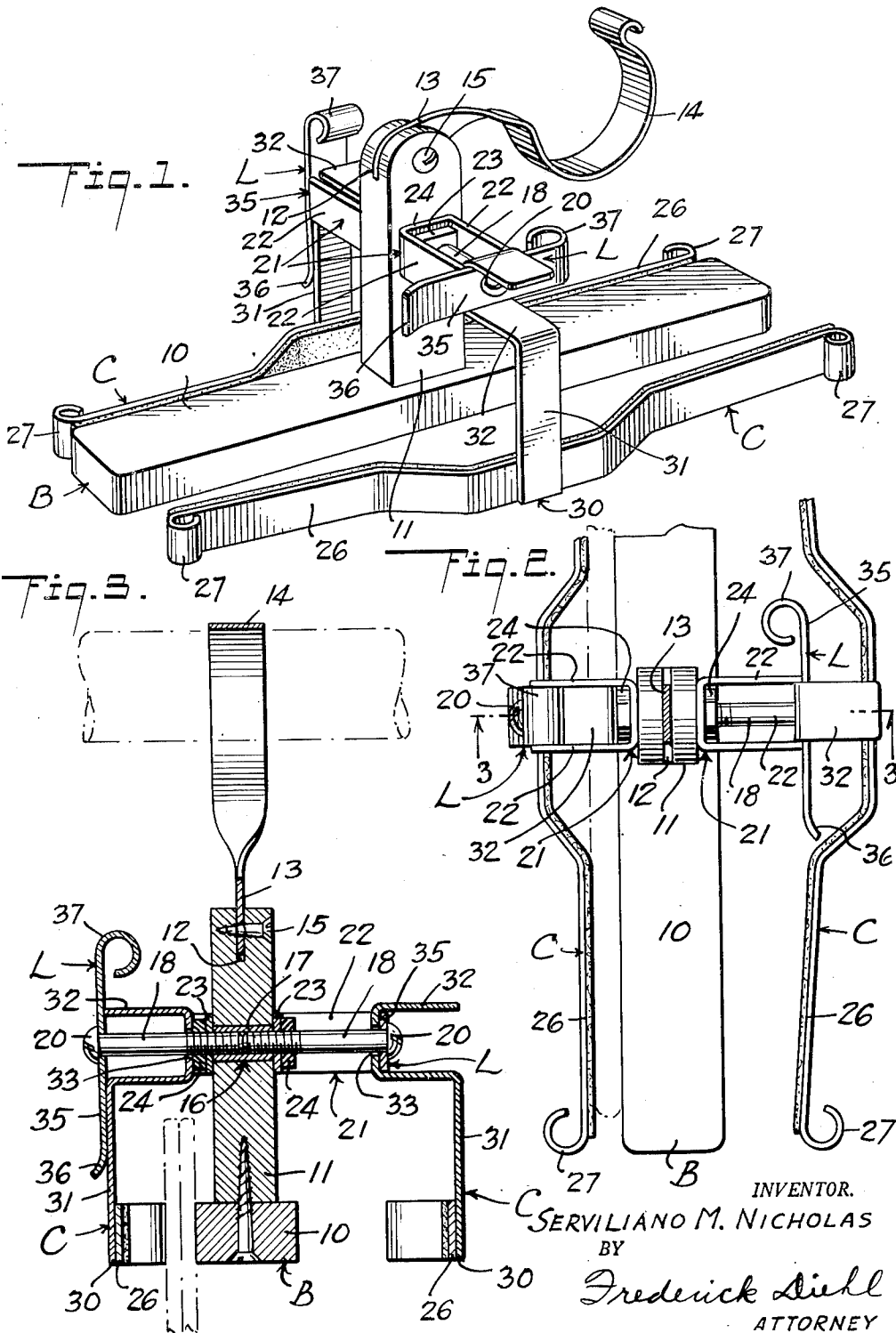
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TROUSER HANGER

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TROUSER HANGER

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My invention relates generally to garment hangers and more particularly to a device for suspending one or more trousers by the bottoms or cuffs of the trouser legs.

An object of my invention is to provide a trouser hanger which is characterized by its structural simplicity, low cost of manufacture and ease of operation to grip or release the trousers at or above the cuffs thereof and to hold the trouser legs both flat and smooth so as to effectively maintain the trousers in a pressed condition when being hung in a closet, garment bag, or other storage space.

Another object of my invention is to provide a trouser hanger in which clamping members are mounted and guided on a central body member for rectilinear adjustment laterally thereof to occupy closed and open positions, in which latter position the jaws of clamping members are widely spaced from the sides of the body member to accommodate thick or bulky materials and facilitate insertion of trousers of any and all materials, with conveniently operable latches co-actable with the clamping members to releasably retain them in closed position so as to grip the trousers with absolute security.

With these and other objects in view, my invention resides in the combinations and arrangements of elements as set forth in the following specification and particularly pointed out in the appended claims.

In the accompanying drawings,

Figure 1 is a perspective view illustrating one form of trouser hanger embodying my invention;

Figure 2 is a fragmentary plan view of the trouser hanger with the suspending hook thereof in section; and

Figure 3 is a vertical, transverse sectional view taken on the line 3—3 of Figure 2.

Referring specifically to the drawings, my invention in its illustrated embodiment comprises a central body member B composed of a rectangular bar 10 of wood or other suitable material having a wooden post 11 rising medially therefrom and being slotted at its upper end as indicated at 12 to receive the shank 13 of a suspending hook 14 for the hanger, which is pivotally mounted on the post by a screw 15.

In the illustrated embodiment, the post 11 is provided with a transverse bore 16 in which is fixed a metal tube 17 internally screw threaded throughout its length to receive from opposite ends the threaded end portions of identical screws 18 having heads 20, and which screws constitute mounting rods or pins. U-shaped guide brackets 21 providing spaced parallel guide

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arms 22, have openings in their connecting portions 23 receiving the screws 18.

Nuts 24 are threaded on the screw 18 tightly against the connecting portions 23 to rigidly bind the screws to the post 11 and to rigidly support the brackets 21 from the post with the guide arms 22 disposed on opposite sides of the respective screws.

Clamping members C are composed of felt lined spring metal bars 26 of flat stock having curled ends 27, and are co-extensive in length with the bar 10 for co-action with opposite sides of the latter in providing pairs of jaws.

Fixed to the bars 26 medially thereof are mounting brackets 30 having vertical legs 31 the upper ends of which are laterally bent inwardly, then vertically upward, and finally laterally outward to provide U-shaped heads 32 on the legs having openings 33 loosely receiving the smooth portions of the screws 18 to mount the clamping members C on the screws for rectilinear adjustment towards and away from the jaw-forming sides of the body member B to occupy the open and closed positions shown respectively, at the right and left sides of Figures 1, 2 and 3.

The width of the heads 32 is such as to enable the heads to slide freely between the guide arms 22 of the respective brackets 21 and to be confined by the latter against rotational movement on the screws 18 so as to mount the clamping members on the screws with the clamping bars 26 disposed directly opposite the respective sides of the body member 10 for clamping co-action therewith.

Latch members L in the form of flat bars 35 having laterally curved camming toes 36 at one end and finger pieces 37 at the other end, are provided with medially disposed openings receiving the screws 18 to rotatably mount the latch members on the screws between the heads thereof and the heads 32 of the clamping members C, to occupy the latching and non-latching positions shown respectively at the left and right sides of Figures 1, 2 and 3.

In operation, it will be noted that with either latch member occupying non-latching position, the latch member is freely received between the sides of the U-shaped head 32 of the respective clamping member C so as to permit the latter to be moved back and forth on the screw 18 from closed to open position and thus permit the legs of a pair of trousers to be freely inserted between the body member B and the clamping member C for gripping between the two upon moving the clamping member to its closed position.

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With the clamping member C temporarily held in closed position, the head 32 of the clamping member will have been shifted on the screw 18 sufficiently to render the latch member L free for rotation through 90 degrees to occupy the latching position wherein the latch member bears against the open end of the head 32 and the outer surface of the respective leg 31, thus releasably retaining the clamping member in closed position and securely clamping the trousers to the hanger.

I claim:

1. A hanger of the class described comprising: a body member having a post rising therefrom and provided with means from which to suspend the hanger from a support; a clamping member co-actable with the body member to provide a pair of jaws; means projecting laterally from said post on which said clamping member is mounted and guided for rectilinear adjustment laterally towards and away from said body member to occupy closed and open positions; and a latch member rotatably mounted intermediate its ends on the last means about a fixed axis parallel to the direction of rectilinear adjustment of said clamping member and having a camming toe at one end, to latch the clamping member in closed position or release the clamping member for movement to open position according as the latch member is rotated to one position or another.

2. A hanger of the class described comprising: a body member having a post rising therefrom and provided with means from which to suspend the hanger from a support; a clamping member co-actable with the body member to provide a pair of jaws; means projecting laterally from said post on which said clamping member is mounted for rotation about a fixed axis and for rectilinear adjustment laterally towards and away from said body member in a direction parallel to said axis to occupy closed and open positions; a guide bracket on said post co-acting with said clamping member to confine same against rotating on the said mounting means; and a latch member rotatable intermediate its ends on said mounting means; said latch member being in the form of a flat bar having a finger piece at one end and a camming toe at the other end for co-action with the clamping member in latching same in closed position or releasing the clamping member according as the latch member is rotated to one position or another.

3. A hanger of the class described comprising: a body member having a post rising therefrom and provided with means from which to suspend the hanger from a support; a clamping member co-actable with the body member to provide a pair of jaws; means projecting laterally from said post on which said clamping member is rotatably mounted for rectilinear adjustment laterally towards and away from said body member to occupy closed and open positions; a guide bracket on said post co-acting with said clamping member to confine same against rotating on the said mounting means; a latch member rotatable on said mounting means about a fixed axis parallel to the direction of rectilinear adjustment of said clamping member for co-action

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with the clamping member in latching same in closed position or releasing the clamping member according as the latch member is rotated to one position or another; and means on the clamping member co-acting with the latch member to retain the latter in its second mentioned position when the clamping member occupies other than its closed position.

4. A hanger of the class described comprising: a body member having a post rising therefrom and provided with means from which to suspend the hanger from a support; a clamping member co-actable with the body member to provide a pair of jaws; a headed rod projecting rigidly from said post; a head on said clamping member slidable and rotatable on said rod to mount the clamping member for rectilinear adjustment laterally towards and away from said body member to occupy closed and open positions; a bracket fixed to said post and having guide arms co-acting with said head to confine the clamping member against rotation on said rod; and a latch member rotatable on said rod for co-action with the clamping member in latching same in closed position or releasing the clamping member according as the latch member is rotated to one position or another.

5. The combination as embodied in claim 4 wherein said head is provided with spaced portions between which said latch member is confined in its second mentioned position against rotation on said rod when the clamping member occupies other than its closed position.

6. A hanger of the class described comprising: a body member having a post rising medially therefrom and provided with a suspension hook; a clamping member co-actable with said body member to provide a pair of jaws; a headed mounting screw projecting laterally from said post; a U-shaped guide bracket having an opening receiving said screw; a nut on said screw securing said guide bracket rigidly to said post; said clamping member having an upstanding leg terminating at its upper end in a U-shaped head provided with an opening receiving said screw to mount the clamping member on said screw for rectilinear adjustment laterally towards and away from said body member to occupy closed and open positions; and a latch member rotatably mounted intermediate its ends on said screw for co-action with said head in releasably retaining the clamping member in closed position.

7. The combination as embodied in claim 6 wherein said head provides spaced portions between which the latch member is confined against rotation in a non-latching position when the clamping member occupies other than its closed position.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
941,115	Vanderford	Nov. 23, 1909
1,143,693	Down	June 22, 1915
2,479,356	Hennes	Aug. 16, 1949