Oct. 25, 1960 D. BERLIN 2,957,669

COLLAPSIBLE GARMENT STAND

Filed Oct. 2, 1957 2 Sheets-Sheet 1

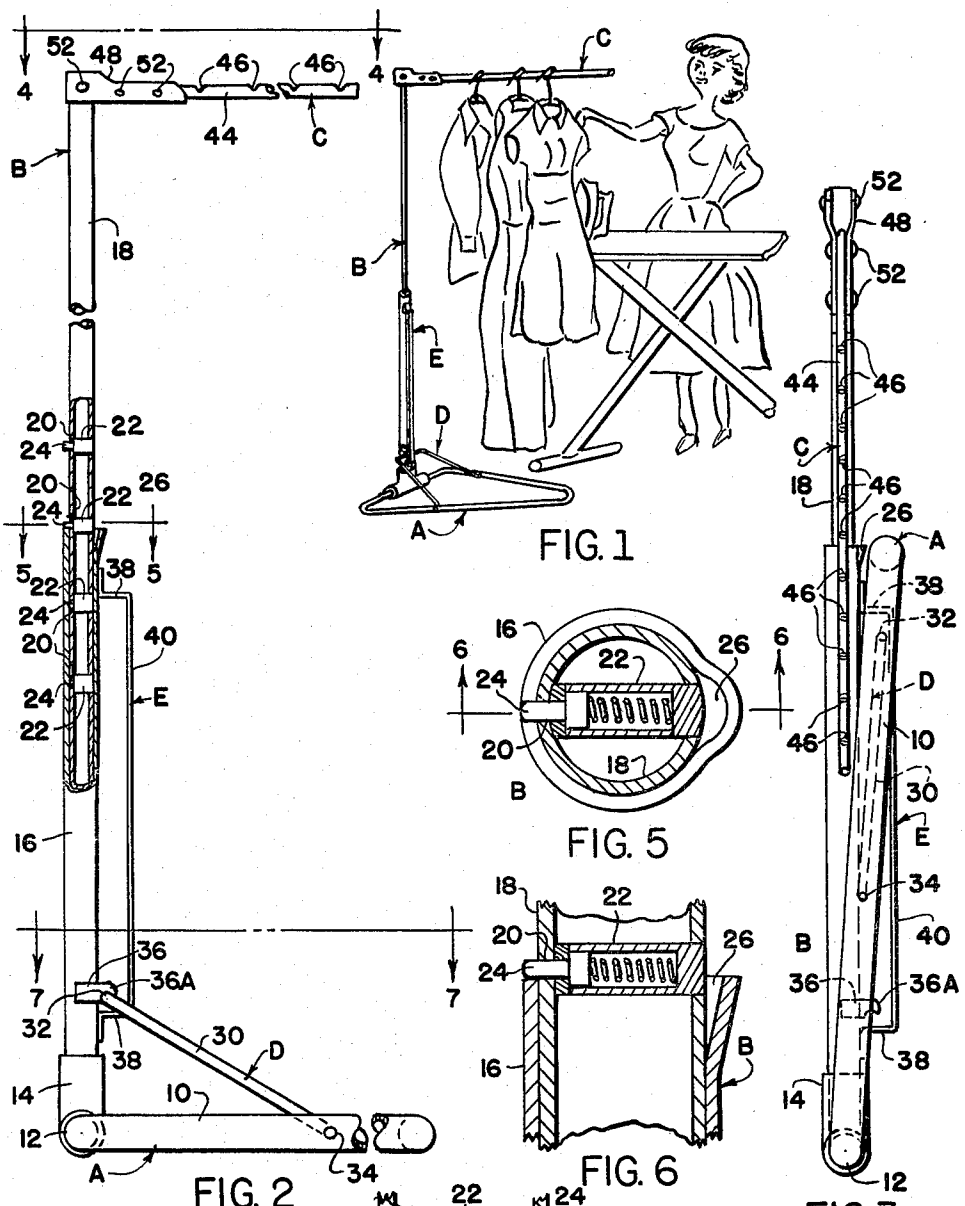


FIG. 1

FIG. 2

FIG. 3

FIG. 5

FIG. 6

FIG. 10

FIG. 11

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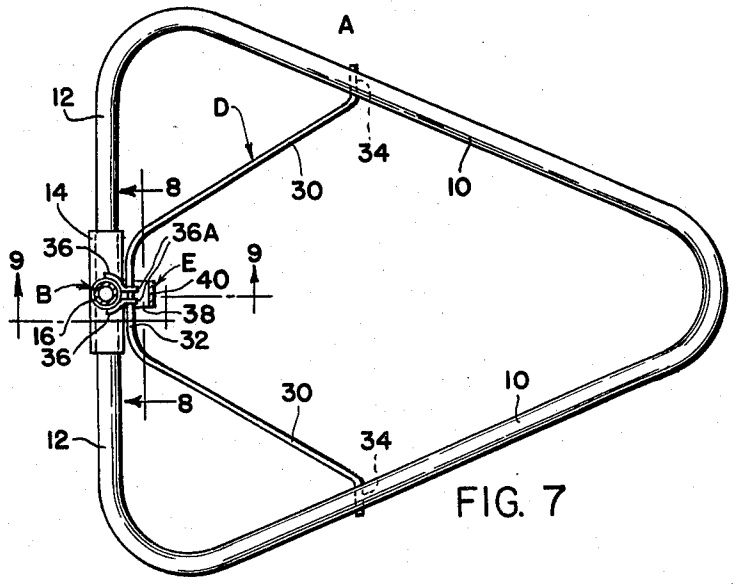


FIG. 7

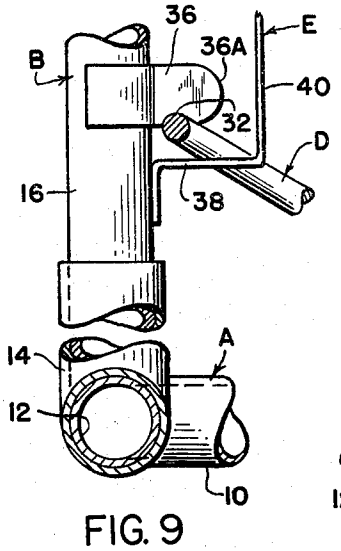


FIG. 9

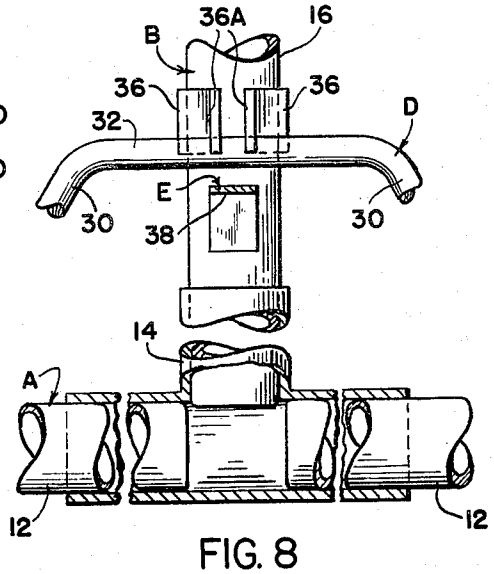


FIG. 8

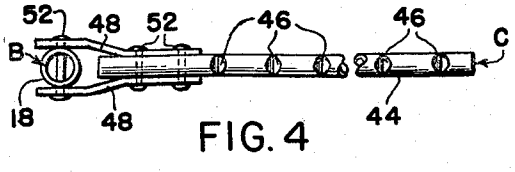


FIG. 4

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COLLAPSIBLE GARMENT STAND

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1 Claim. (Cl. 248—121)

My invention relates to a garment stand and more particularly relates to a support for conveniently hanging clothes or other articles and which may easily be collapsed into a small space for transportation or storage.

In the present day mode of living in which storage space is at a premium, it has become increasingly necessary to use compact and collapsible devices in order to enable the housewife to efficiently handle her chores. In particular during her ironing, washing and cleaning details, it frequently becomes desirable to hang clothes and other articles within convenient reach so that the performance of the task may be accomplished easily and efficiently. When the device is not in use, it is important that the assembly may be collapsed into a small compact unit which will occupy but a small storage space and also be adapted to be carried about the house with a minimum of effort.

It therefore is an object of my invention to provide a sturdy garment stand which may easily be collapsed into a small compact unit.

Another object of my invention is to provide a collapsible garment stand which may be easily adjusted for both rotational and vertical positioning of the articles hung thereon.

Another object of my invention is to provide a collapsible garment stand wherein the assembly may be securely locked in open position to securely maintain a plurality of horizontally spaced articles hanging thereon without tipping.

Other objects of my invention are to provide an improved device of the character described, that is easily and economically produced, which is sturdy in construction, and which is highly efficient in operation.

With the above and related objects in view, my invention consists in the details of construction and combination of parts, as will be more fully understood from the following description, when read in conjunction with the accompanying drawings, in which:

Fig. 1 is a perspective view of a collapsible garment stand embodying my invention.

Fig. 2 is a side elevational view thereof with the stand in extended position.

Fig. 3 is a side elevational view of the garment stand in collapsed position.

Fig. 4 is a top plan view taken along lines 4—4 of Fig. 2 showing the hanger bar.

Fig. 5 is a sectional view taken along lines 5—5 of Fig. 2.

Fig. 6 is a sectional view taken along lines 6—6 of Fig. 5.

Fig. 7 is a sectional view taken along lines 7—7 of Fig. 2.

Fig. 8 is a sectional view taken along lines 8—8 of Fig. 7.

Fig. 9 is a sectional view taken along lines 9—9 of Fig. 7.

Fig. 10 is a sectional view similar to Fig. 5 wherein the stand is rotated into an unlocked position preparatory to collapsing.

Fig. 11 is a sectional view taken along lines 11—11 of Fig. 10.

Referring now in greater detail to the drawings in which similar reference characters refer to similar parts, I show a collapsible garment stand comprising a base, generally designated as A, a telescoping column, generally designated as B, pivotally mounted to the base, and a hanger arm, generally designated as C, pivotally mounted and adapted to be horizontally locked upon the upper portion of the column.

The base A is substantially triangular in plan (see Fig. 7) and is preferably formed of a single length of tubular aluminum having side legs **10**, **10** extending from a split bight portion **12**, the legs **10**, **10** defining an apex opposite to the bight. The central portion of the bight **12** has a T-fitting **14** bridging the free adjacent ends of the single tubular material and pivotally secured thereto.

The column B rises from the pivotally secured fitting **14** and comprises a lower tubular member **16**, the bottom of which is mounted within the center tap of the fitting, and an upper tubular member **18** which telescopes within the interior of the lower member.

The upper tubular member **18** has a plurality of longitudinally spaced holes **20** therein, all of the holes being in alignment along the tube. A conventional bullet catch **22** is mounted adjacent each hole **20** within the interior diameter of the tubular member **18** and has a spring-pressed tip **24** which extends through the respective hole **20** and is urged outwardly therethrough. It is easily seen that when the column B is in vertical position that the tip **24** of one of the bullet catches will engage upon the upper edge of the lower tubular member **16** thereby enabling the vertical adjustment of the tubular member **18**. A lip **26** is flared outwardly at the front of the upper edge of the lower member **16** and is complementary with the tip **24** of the bullet catches. In order to collapse the column C, the tubular member **18** is rotated until the tip **24** of the bullet catch registers with the flared lip **26** (see Figs. 10 and 11) and the member **18** is urged downwardly into the member **16**. It is easily apparent that the tip **24** of the bullet catch will be urged inwardly as it slides down the lip **26**, it being merely necessary to rotate the tubular member **18** slightly until a second bullet catch engages the upper edge of the lower member **16** (see Figs. 5 and 6).

The column B is maintained in vertically disposed position by a brace D. The brace D is of a substantially U-shaped configuration with arms **30** divergently extending from an intermediate cross bar **32**. The outer extremities of the arms **30** have outwardly bent fingers **34**, each of which is resiliently urged into an aperture disposed within the respective side leg **10** of the base A, the cross bar **32** of the brace D engages a pair of slotted ears **36** which are welded to the lower portion of the lower member **16**. When the brace D engages the slotted ears **36**, the column B is prevented from collapsing toward the base A. Backward collapsing of the column B is prevented by a yoke E which is longitudinally affixed to the member **16** and straddles the cross bar **32** of the brace D. The yoke E is of generally elongated U-shaped configuration having a pair of projections **38** welded to the lower member **16** and interconnected by an intermediate strap **40** extending longitudinally with the member **16** and spaced therefrom. It is easily seen that the juncture of the lower projection **38** with the strap **40** defines a crook about the brace D to prevent divergent rotational motion of the column B with respect to the base A should the cross bar **32** become disengaged from the ears **36**. The yoke E also defines a sliding slot for the brace D and re-

tains the brace captive when it is desired to collapse the base A with respect to the column B. It is to be observed that the arcuate forward portion 36*a* of the ears 36 are spaced from the strip 40 of the yoke just sufficiently to enable tight passage of the cross bar 32 of the brace D, thereby enabling a tight interfitting of the brace with the crook of the yoke.

The hanger arm C comprises a clothes support bar 44 which is pivotally held at its inner end to the top of the member 18 of the column B. The bar 44 has a plurality of notches cut along its upper surface thereof for engaging clothes holding hangers. A pair of flanges 48 are rigidly held to the bar 44 by a plurality of rivets 50 and the spaced ends of the flanges 48 are hinged to the column B by a pivot pin 52 extending through the upper tubular member 18 adjacent the top thereof. The hanger arm C is maintained perpendicular to the column B since the inner end of the bar 44 abuts the member 18. When it is desired to fold the device, the bar 44 is lifted up and over the column B until it freely lies adjacent the member 18.

Although my invention has been described in considerable detail, such description is intended as being illustrative rather than limiting, since the invention may be variously embodied, and the scope of the invention is to be determined as claimed.

I claim as my invention:

In a collapsible garment stand, a tubular base of substantially triangular configuration, a column pivotally supported on said base and including a pair of co-axially telescoping tubular members, means to interlock the tubular members in a plurality of extended positions, a hanger arm pivotally secured to the upper tubular member and adapted to be positioned at right angles thereto, a yoke of generally U-shaped configuration including an intermediate rectilinear strap having a pair of projections extending at right angles to the ends thereof, said projections being affixed to the forward portion of the lower tubular member wherein said intermediate rectilinear strap is spaced therefrom and extending longitudinally therewith, a U-shaped brace pivotally mounted at the ends thereof to said base and having a medial portion captively slidable intermediate said yoke and said lower tubular member, ears affixed to said lower tubular member adjacent to but spaced from the lower projection of said yoke, said ears having a slot at the lower portions thereof and further having a forward arcuate portion spaced adjacently to said intermediate rectilinear strap whereby said column may be secured perpendicular to said base by forcing the brace through the space between the arcuate portion of said ears and said intermediate rectilinear strap and engaging the medial portion of said brace in the slots of said ears and whereby the column may be collapsed by slidably passing said brace within said yoke above said ears.

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