

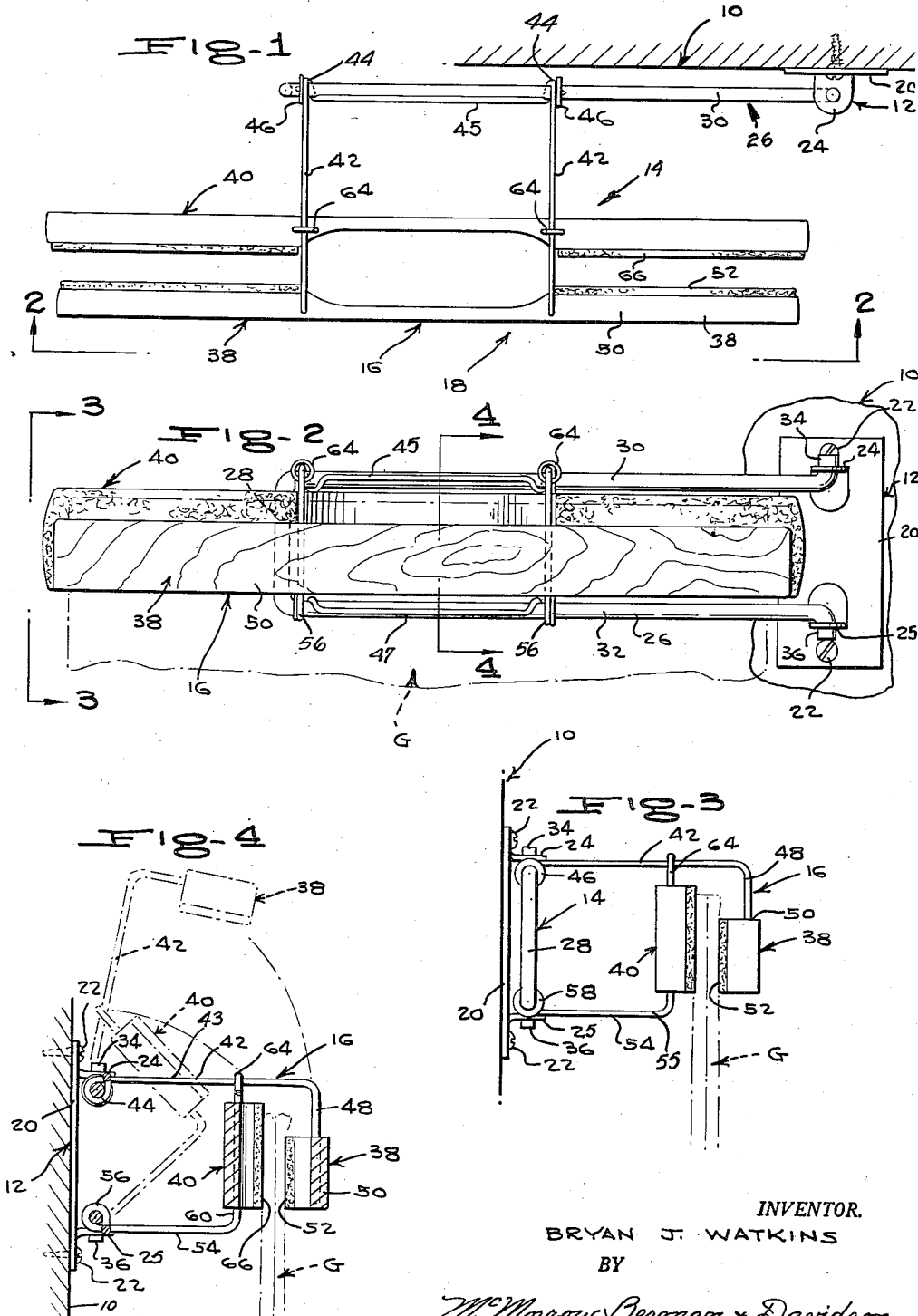
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B. J. WATKINS

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GARMENT HANGER

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GARMENT HANGER

Bryan J. Watkins, Houston, Tex.

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3 Claims. (Cl. 211—89)

This invention relates to an improved garment hanger of the clamp type for hanging trousers, skirts, and the like.

The primary object of the invention is to provide a more practical and efficient hanger of this kind for mounting on a wall or other vertical support, which has vertically swingable clamping bar components which are pivoted on vertically spaced horizontal axes so that when these components are depressed to their garment clamping positions, the clamping bars are compressed toward each other for securely clamping a garment therebetween, the hanger being simple in construction and composed of a small number of easily made and easily assembled parts.

Another object of the invention is to provide a hanger of the character indicated, which can be made in attractive, rugged, and serviceable forms at relatively low cost, is easily installed and used, and is highly satisfactory, practical and acceptable for the purpose intended.

These together with other objects and advantages which will become apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout the several views, and in which:

Figure 1 is a top plan view of a garment hanger of the invention, mounted on a vertical support;

Figure 2 is a front elevational view, looking substantially from line 2—2 of Figure 1, a garment suspended by the hanger being shown in phantom lines;

Figure 3 is an end elevational view looking toward the right from line 3—3 of Figure 2; and

Figure 4 is a vertical transverse sectional view taken substantially on line 4—4 of Figure 2, showing in phantom lines the clamping components elevated and separated preparatory to receiving and clamping therebetween a garment shown in phantom lines.

Referring to the drawings in detail, the illustrated hanger 14 comprises a bracket 12 comprising a plate 20 secured, as by screws 22, to a vertical support, such as a wall 10. Struck out of the plate 10 are vertically spaced apertured ears 24 and 25. Engaged pivotally in the ears are vertically aligned and oppositely directed lugs 34 and 36 on the rearward or rear ends of parallel spaced horizontal upper and lower legs 30 and 32 of a U-shaped arm 26, which includes a bight portion 28 connecting the outer ends of the legs and urging the legs resiliently away from each other. The arm 26 can be readily removed from the mounting bracket 12 by compressing the legs 30 and 32 toward each other, so as to disengage the lugs 34 and 36 from the ears 24 and 25.

Mounted on the arm 26 is a clamping assembly 16 comprising opposed outer and inner clamping bars 38 and 40, respectively. The outer clamping bar 38 is on upper levers 42, which may be constructed from wire, and which comprise horizontal portions 43 having on their inward ends coils 44 circumposed about interme-

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mediate portions of the upper leg 30 of the arm 26 and retained in substantially fixed positions by means of suitably secured washers 46, see Figure 1, disposed at the outer sides of the coils 44. The portions 43 terminate at their outer ends in depending portions 48 secured on the upper edge 50 of the outer clamping bar 38. The bar 38 has on the inner face thereof a suitably secured pad 52 of friction material, such as sponge rubber or the like, which is frictionally engageable with a side of a garment G, such as a pair of trousers, a skirt, or the like. The coils 44 are connected by a rod 45 extending therebetween.

The horizontally elongated inner clamping bar 40 is on a pair of levers 54 which are shorter than the levers 42, and comprise horizontal portion 55 having on their rear ends coils 56 circumposed about intermediate portions of the lower leg 32 of the arm 26, and retained in substantially fixed vertically aligned relations to the upper levers 42 by means of suitably secured washers 58 engaged with the outer sides of the coils 56.

The forward or outer ends of the portions 55 of the levers 54 terminate in upwardly extending right angular portions 60 which extend through the clamping bar 40 and terminate at their upper ends in eyes 64 loosely circumposed about the portions 43 of the upper levers 42. The clamping bar 40 has secured on its outer side a pad 66 of friction material similar to that on the clamping bar 38 for engagement with a side of a garment G. The eyes 64 constitute lost motion connections between the levers 54 and 42, so that when the clamping bar 38 is pivoted upwardly on the upper leg 30 of the arm 26 to the position shown in Figure 4, the inner clamping bar 40 and the lever 54 pivot upwardly on the lower leg 32 of the arm 26, in the manner clearly shown in phantom lines in Figure 4.

When a garment G is disposed between the clamping pads 52 and 66 of the clamping bars, the frictional engagement of the garment G with the opposed clamping pads 52 and 66 causes the levers 42 and 54 to pivot downwardly and cause the clamping bars 38 and 40 to approach each other to clamp the garment therebetween. This action is produced by the differences in length of the levers 42 and 54 and their pivotal mounting on the legs 30 and 32 on vertically spaced axes. The coils 56 on the rear ends of the levers 54 are connected by a rod 47 extending therebetween.

It will be noted that the inner clamping bar 40 is substantially wider than the outer clamping bar 38, and the bar 40 extends above the bar 38, so that one side of the upper end portion of a pair of trousers, for example, will be retained against the clamping pad 66 of the inner bar 40 as the clamping pad 52 is rotated into engagement with the opposite side of the trousers.

The foregoing is considered as illustrative only of the principles of the invention. Since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, as fall within the scope of the appended claims.

What is claimed as new is as follows:

1. In a garment hanger, a mounting bracket comprising a plate adapted to be secured to a vertical support, vertically spaced apertured ears on said plate, a horizontal U-shaped arm having upper and lower legs having inner and outer ends, vertical lugs on said inner ends engaged through said ears, a bight portion extending between and connecting the outer ends of said legs, an upper lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions rota-

tively circumposed on the upper leg of said arm, the outer ends of said horizontal portions terminating in depending portions, an outer clamping bar secured on said depending portions and extending parallel to said arm, a lower lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions of the lower level rotatably circumposed on the lower leg of said arm, vertical portions on and rising from the outer ends of the horizontal portions of the lower lever, an inner clamping bar mounted on said vertical portions and positioned inwardly of and facing said outer clamping bar, said vertical portions having thereon eyes above the inner clamping bar which are easily and slidably circumposed on the horizontal portions of the upper lever.

2. In a garment hanger, a mounting bracket comprising a plate adapted to be secured to a vertical support, vertically spaced apertured ears on said plate, a horizontal U-shaped arm having upper and lower legs having inner and outer ends, vertical lugs on said inner ends engaged through said ears, a bight portion extending between and connecting the outer ends of said legs, an upper lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions rotatively circumposed on the upper leg of said arm, the outer ends of said horizontal portions terminating in depending portions, an outer clamping bar secured on said depending portions and extending parallel to said arm, a lower lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions of the lower level rotatably circumposed on the lower leg of said arm, vertical portions on and rising from the outer ends of the horizontal portions of the lower lever, an inner clamping bar mounted on said vertical portions and positioned inwardly of and facing said outer clamping bar, said vertical portions having thereon eyes above the inner clamping bar which are easily and slidably circumposed on the horizontal portions of the upper lever, the coils of the upper and lower levers having rods

extending therebetween and secured thereto and extending along the upper and lower legs of the U-shaped arm.

3. In a garment hanger, a mounting bracket comprising a plate adapted to be secured to a vertical support, vertically spaced apertured ears on said plate, a horizontal U-shaped arm having upper and lower legs having inner and outer ends, vertical lugs on said inner ends engaged through said ears, a bight portion extending between and connecting the outer ends of said legs, an upper lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions rotatively circumposed on the upper leg of said arm, the outer ends of said horizontal portions terminating in depending portions, an outer clamping bar secured on said depending portions and extending parallel to said arm, a lower lever comprising a pair of laterally spaced normally horizontal portions having inner and outer ends, coils on the inner ends of the horizontal portions of the lower level rotatably circumposed on the lower leg of said arm, vertical portions on and rising from the outer ends of the horizontal portions of the lower lever, an inner clamping bar mounted on said vertical portions and positioned inwardly of and facing said outer clamping bar, said vertical portions having thereon eyes above the inner clamping bar which are easily and slidably circumposed on the horizontal portions of the upper lever, the horizontal portions of the lower lever being substantially shorter than the horizontal portions of the upper lever.

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