Feb. 5, 1952 R. R. WALTON 2,584,218

COMBINED GARMENT FORM AND HANGER

Filed Aug. 13, 1946 2 SHEETS—SHEET 1

Fig. 1

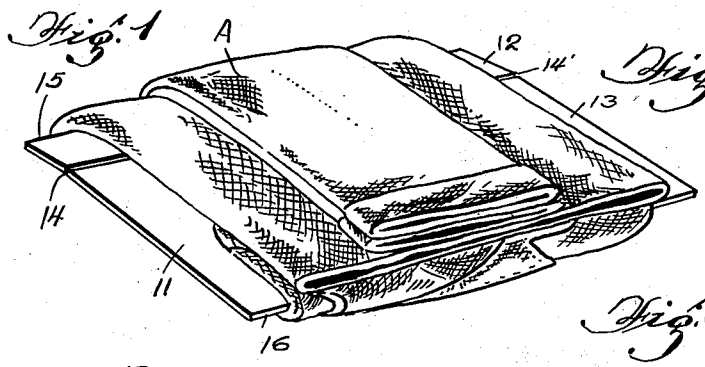


Fig. 13

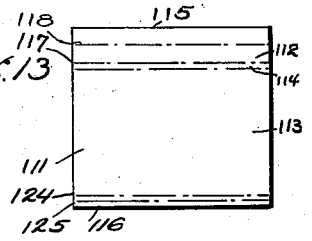


Fig. 5

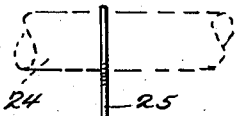


Fig. 2

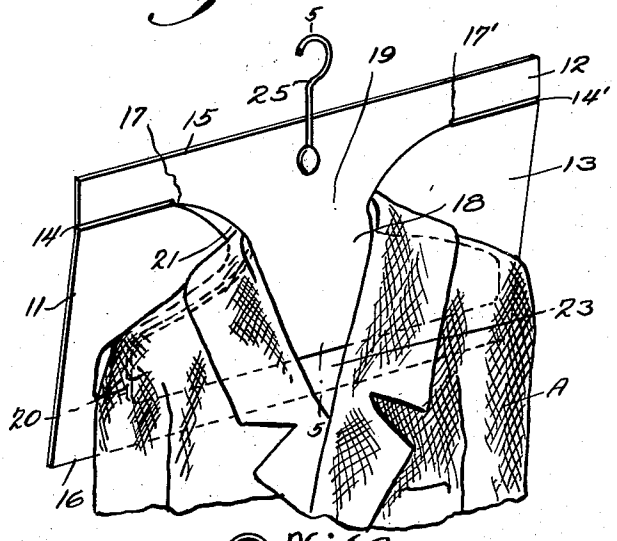


Fig. 4

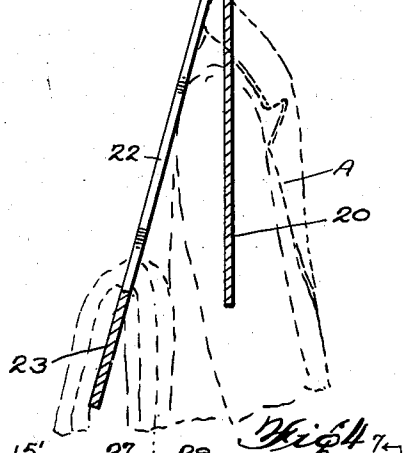
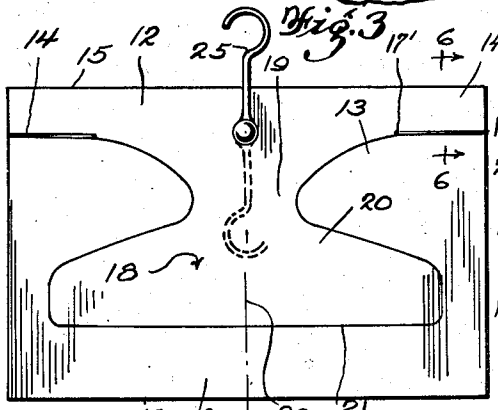


Fig. 3



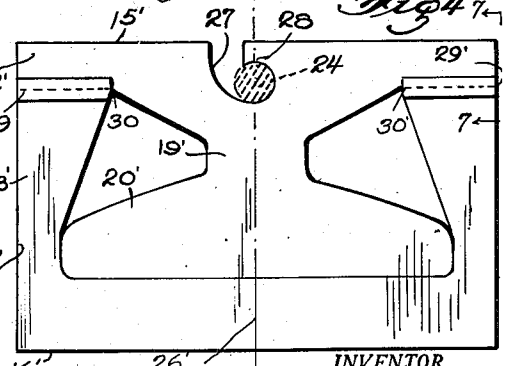


Fig. 6

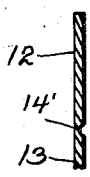
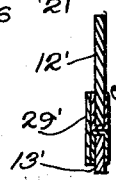


Fig. 7



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COMBINED GARMENT FORM AND HANGER

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Fig. 10

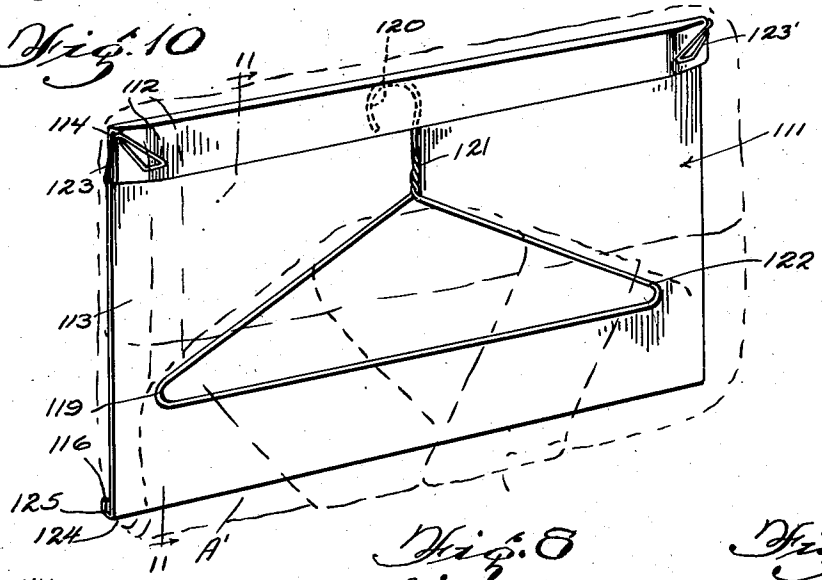


Fig. 8

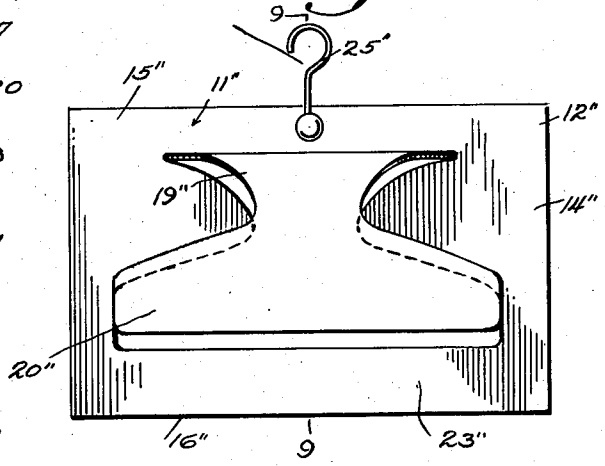


Fig. 9

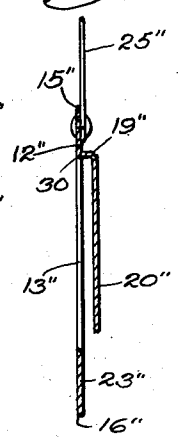


Fig. 11

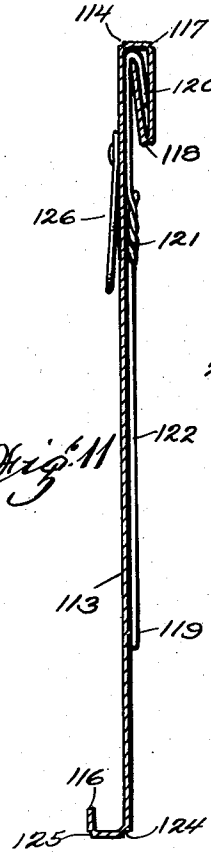
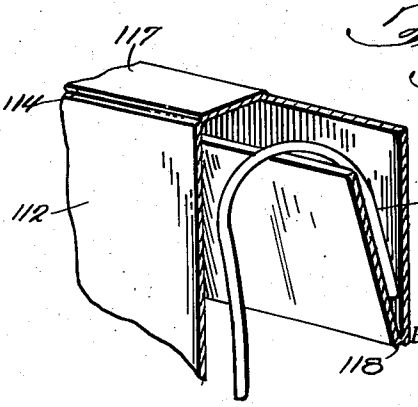


Fig. 12



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UNITED STATES PATENT OFFICE

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COMBINED GARMENT FORM AND HANGER

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Application August 13, 1946, Serial No. 690,192

3 Claims. (Cl. 223—88)

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The invention described herein, if patented, may be manufactured and used by or for the Government for governmental purposes without the payment to me of any royalty thereon.

The present invention relates to a combined garment form and hanger, and more particularly to a device serving as a hanger for the suspension of garments from a rack, and as a form or core around which the same garments are wrapped during transport to prevent their wrinkling or rumpling.

Civilian and military laundry and dry-cleaning establishments use conventional garment hangers, particularly conventional wire hangers, on a large scale for the suspension of the finished garments from racks. The customer receives the garments on the hanger, either wrapped or unwrapped. It is frequently the case that the garment is handled in such a way by the customer prior to his arrival home, that the garment has become rumpled or wrinkled.

Devices have been proposed for the suspension of garments inside trunks or similar containers, which are designed to preserve the shape of the garments by wrapping the said garments around one edge of the device. Such devices are customarily made of wood or similar comparatively thick and heavy material. Such devices do not adapt themselves readily to cheap mass production, and thus are not likely to be used by laundry or dry-cleaning establishments for the purpose of giving them away to their customers.

It is thus an object of the present invention to provide a combined garment form and hanger which serves for the support of a garment from a rack, and as a shape-preserving form during transportation of the garment.

Another object of the invention is a garment form and hanger, which is mass-produced cheaply from sheet material, such as pasteboard.

Still another object of the present invention is an advertising device which may be imprinted with the name of commercial establishments and given away to customers of laundry or dry-cleaning establishments when they call for their garments.

These and other objects of my invention are carried out in accordance with my invention by a rectangular device of sheet material adapted to be suspended from a rack, and supporting a garment hanger within the outlines of the rectangle, two parallel edges of the rectangle serving as a garment form.

Several embodiments of such a device are more fully described and illustrated in the following

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description, and in the accompanying drawings in which

Fig. 1 is a perspective view of one form of my device, in use as a garment form.

Fig. 2 is a perspective view of the same device, in use as a garment hanger.

Fig. 3 is a front elevation of the device illustrated in Figs. 1 and 2.

Fig. 4 is a front elevation of a modified form of my device.

Fig. 5 is a section through Fig. 2 along lines 5—5.

Fig. 6 is a section through Fig. 3 along lines 6—6.

Fig. 7 is a section through Fig. 4 along lines 7—7.

Fig. 8 is a front elevation of another modification of my device, in which the garment-holder portion is in a plane parallel to the plane of the garment form.

Fig. 9 is a section through Fig. 8 along lines 9—9.

Fig. 10 is another modified form of my device, wherein a garment form of sheet material is associated with a shaped garment hanger which need not be of sheet material.

Fig. 11 is a section through Fig. 10 along lines 11—11.

Fig. 12 is a detail of the device illustrated in Fig. 10, showing the manner in which the garment hanger is associated with the garment form.

Fig. 13 is a front elevation of the blank from which the garment form illustrated in Fig. 10 is formed.

More particularly, the rectangular sheet-material body serving as the garment form or core is designated 11 in the embodiment illustrated in Figs. 1, 2 and 3 of the drawings. A suit of clothes A is suspended from the device in a manner presently to be described, and is wrapped around two parallel edges of rectangle 11 and thus protected from being wrinkled or rumpled in transport. The clothes may be protected against accidental unwrapping by means of a string or similar means (not shown).

As shown in Fig. 2, rectangular sheet 11 is divided into upper portion 12 and lower portion 13. Portions 12 and 13 are in yieldable hinged relationship, hinge 14, 14' being constituted, for instance, by a line scored in the sheet material of sheet 11. Lines 14, 14' commence at the edges of sheet 11 and extend inwardly parallel to parallel edges 15 and 16 of sheet 11 to points 17, 17'. Intermediate the points 17 and 17', portion 12 con-

stitutes a coat hanger 18 depending therefrom and consisting of shank 19 and garment support 20. Shank 19 and support 20 are outlined by cut 21 which extends inwardly from point 17 to define one shoulder of shank 19, then outwardly to define one shoulder engaging edge of support 20, thence in a direction parallel to edges 15 and 16 to define the lower edge of support 20, and then conversely to define the other shoulder of support 20 and shank 19 until it arrives at point 17'. Lower portion 13 can thus be bent out of the plane of upper section 12 and garment support 20, as is shown in detail in Fig. 5. In the recess 22 formed in the lower section of portion 13 by cutting the garment hanger 18 therefrom, a pair of trousers or a skirt can be accommodated by placing the same over the bar 23 which is bounded by lower edge 16 and by that portion of cut 21 which runs parallel to edge 16. A coat suspended from hanger 20 and a pair of trousers suspended from bar 23 are then wrapped around edges 15 and 16 of device 11 in the manner illustrated in Fig. 1.

Rectangular sheet 11 may be made of any suitable sheet material, such as pasteboard, galvanized sheet iron, aluminum, wood, etc. Of the enumerated materials, which exemplify but do not exhaust the list of suitable materials, pasteboard recommends itself for its cheapness and easy workability. Advertising slogans may be printed on the pasteboard, or affixed to whatever other material is selected for the manufacture of the device.

My combined garment form and hanger can itself be suspended from a horizontal bar 24 of a clothes rack by suspension means such as the hook 25 pivoted to portion 12 on a point located above the center of gravity of sheet 11 and situated on the axis of symmetry 26 thereof (see Fig. 3).

Another suspension means for my combined garment form and hanger is illustrated in Fig. 4. A slot 27 commences laterally of the axis of symmetry 26' of rectangular sheet 11' at the upper edge 15' of upper portion 12' thereof. The slot, wide enough to accommodate a horizontal bar 24 of a clothes rack (see Fig. 5), extends a distance downwardly, then laterally to a point above the center of gravity of sheet 11', where it is redoubled on itself and extends upwardly to a point 28 situated on axis of symmetry 26'. Thus, if the horizontal bar is inserted in slot 27, it abuts against upper portion 12' at point 28, and device 11 and any clothes suspended therefrom will be accurately balanced and will swing freely.

Lower portion 13' of sheet 11', as illustrated in Fig. 4, is joined to upper portion 12' by a paper or canvas strip hinge 29, 29', which extends to points 30, 30', at which latter points shank 19' and garment support 20' are formed from upper portion 12'.

Whether the hinge which joins the upper portion and lower portion of my device is constituted by a line scored in the material from which the device is made, or by a paper or canvas strip hinge, or by a conventional knuckle hinge (not shown), is a matter of choice and mainly depends on the sheet material selected.

In the modification illustrated in Figs. 8 and 9 of the drawings, the hinge which connects the upper and lower portions of the device is dispensed with, and shank 19'' is bent out of the plane of sheet 11'' on a line 30 which runs parallel to upper edge 15'' and lower edge 16'' of the device. Garment support 20'' extends from

shank 19'' in a plane parallel to the plane of sheet 11''. Trousers or a skirt may be draped over bar 23'' which is integral with lower portion 13''. Suspension means, such as hook 25'', are shown pivoted to upper portion or bar 12'' of sheet 11''. It will be understood that the slot suspension means illustrated in Fig. 4 may be substituted to equal advantage for those illustrated in Figs. 8 and 9.

In a further modified form illustrated in Figs. 10 to 13, sheet 111 is divided into an upper portion 112 and lower portion 113 by a hinged line scored therein at line 114, which runs parallel to upper edge 115 and lower edge 116 of the device. Upper portion 112 is further scored at lines 117 and 118 running parallel to scored line 114. Upper portion 112 is folded along lines 114, 117 and 118, and a clothes hanger 119, consisting of suspension hook 120, shank 121 and garment support 122, is inserted in the fold. The hook 120 of hanger 118 abuts against edge 115 of device 111, and is retained against lateral displacement by releasable means such as clips 123, 123' which retain the upper portion 112 in folded position. The pressure of clips 123, 123' holds clothes hanger 119 flat against the lower portion 113 of sheet 111; however, the resiliency of the material of sheet 111 and of clothes hanger 119 permits the latter to be deflected from the plane of the former sufficiently to permit the suspension of garments A' therefrom. These garments may be wrapped around sheet 111 over its parallel edges, for protection against wrinkling and rumpling.

When it is desired to blunt the parallel edges of the rectangular garment form, additional lines parallel and close to such edges may be scored in the material of the sheet, and the edges bent along such lines. For instance, in the embodiment illustrated in Figs. 10 to 13, lines 124 and 125 are scored in lower portion 113 of sheet 111 near and parallel to lower edge 116 thereof, and the sheet is bent along those lines to present a blunt contact surface to clothes A' along the line of their 180° turn around sheet 111.

Sheet 111 may itself be suspended by pivoted hook 126.

I have illustrated in the foregoing description of my appended drawings several embodiments of my invention by way of example. It is clear, however, that other embodiments within the spirit of my invention can be designed without departing from the plan of my invention, by changing proportions or forms of individual parts or similar obvious alterations. Such changes are within the scope of my invention, which is defined in the appended claims.

I claim:

1. A combined garment form and hanger, comprising a rectangle of sheet material folded upon itself along a plurality of lines scored in said rectangle parallel to one of its edges, and a shaped garment hanger comprising a garment-supporting portion and a hook, said hook being retained in said folded portion of said rectangle.

2. A combined garment form and hanger, comprising a rectangle of sheet material folded upon itself along a plurality of lines scored in said rectangle parallel to one of its edges, means for retaining said rectangular sheet in folded position, and a shaped garment hanger comprising a garment-supporting portion and a hook, said hook being retained in said folded portion of said rectangle.

3. A combined garment form and hanger, comprising a rectangle of sheet material folded

upon itself along a plurality of lines scored in said rectangle parallel to one of its edges, releasable means for retaining said rectangular sheet in folded position, and a shaped garment hanger comprising a garment-supporting portion and a hook, said hook being retained in said folded portion of said rectangle.

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