Jan. 14, 1941. L. E. WESSELMANN 2,228,918

COMBINATION GARMENT HANGER AND MOTH CAKE HOLDER

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Fig. 1.

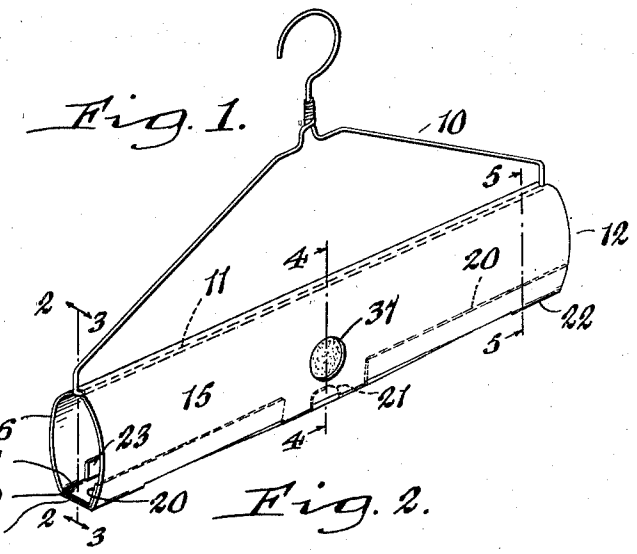


Fig. 2.

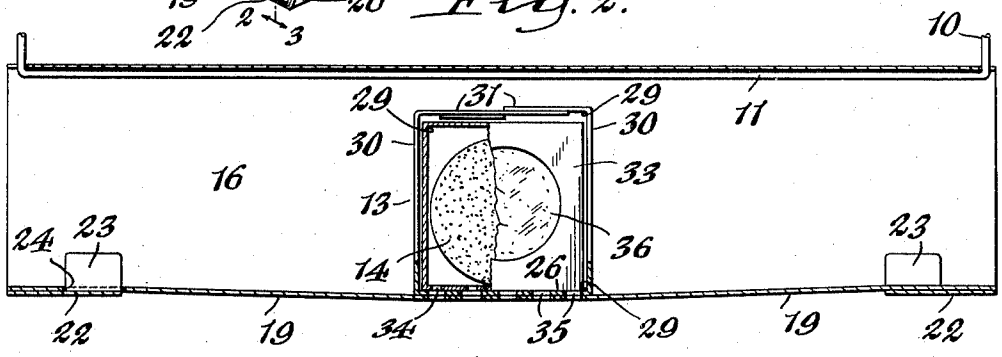
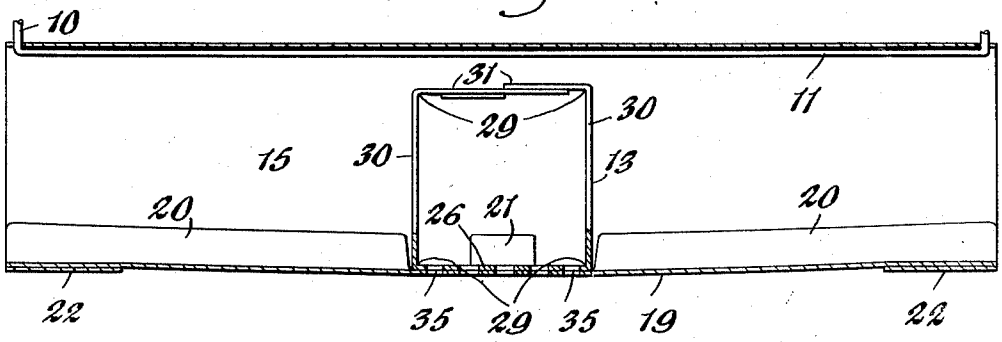


Fig. 3.



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Fig. 4.

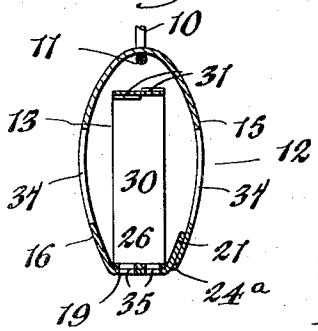


Fig. 5.

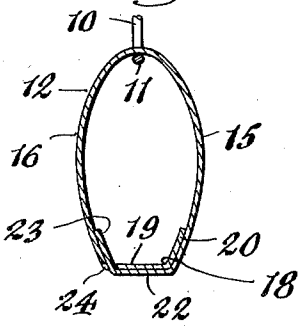


Fig. 6.

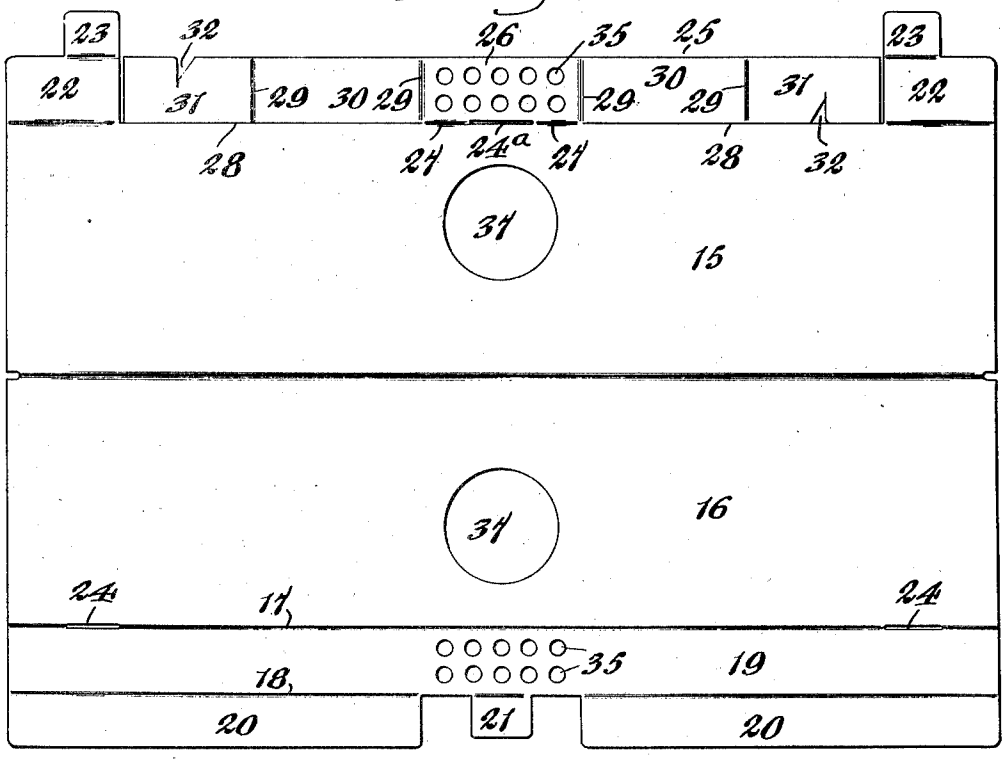
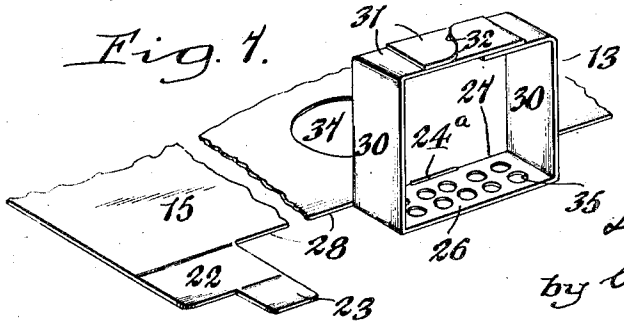


Fig. 7.



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UNITED STATES PATENT OFFICE

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COMBINATION GARMENT HANGER AND MOTH CAKE HOLDER

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Application April 6, 1939, Serial No. 266,377

8 Claims. (Cl. 223—87)

This invention relates to a combination garment hanger and moth cake holder.

It has for one of its objects to provide a device of this character wherein the moth cake holder is made a self-contained part of the hanger and wherein the fumes or gases from the moth cake come into intimate contact with the garment suspended from the hanger.

Another object of the invention is to provide a hanger with a garment-protecting shield which is designed for detachable mounting on the hanger and which has formed integrally therewith a moth cake holder so designed as to permit the ready insertion of a moth cake therein.

A still further object is to provide a combined protecting shield and moth cake holder for garment hangers which is made from a single blank of material adapted to be laid flat for shipping purposes and to be readily assembled for suspension from a garment hanger, with the holder confined within the cross-sectional area of the shield.

Other features of the invention reside in the construction and arrangement of parts hereinafter described and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a perspective view of the combination garment hanger and moth cake holder embodying my invention. Figures 2 and 3 are enlarged longitudinal sections taken on the correspondingly numbered lines in Figure 1. Figures 4 and 5 are enlarged transverse vertical sections taken on the correspondingly numbered lines in Figure 1. Figure 6 is a plan view of the blank from which the protecting shield and moth cake holder are formed. Figure 7 is a fragmentary perspective view showing the manner in which the moth cake holder is shaped from the protecting shield.

Similar characters of reference indicate corresponding parts throughout the several views.

Referring now to the drawings, 10 indicates a wire coat hanger of ordinary construction, the same including a cross bar 11 from which trousers, skirts and the like are adapted to be suspended. Adapted to be detachably mounted and suspended from this cross bar is a protecting shield 12 of cardboard or like material shaped into substantially tubular or cylindrical form, the same serving to prevent the formation of ridges or creases in the garments suspended therefrom. Formed as an integral part of this protecting shield to assume a position within the cross sectional area of the shield, is a moth cake holder indicated generally by the numeral 13, whereby the fumes from the moth cake 14 inserted within the holder are brought into intimate contact with the garment or garments suspended from the hanger.

The shield and self-contained moth cake holder are shaped from a single blank of material of substantially rectangular shape in plan and adapted to be folded upon itself lengthwise into tubular form to provide side walls 15 and 16, the same being freely wrapped or encircled about the cross bar 11 of the hanger in suspended engagement therewith in the manner shown in Figures 1, 4 and 5. The numerals 17 and 18 indicate parallel longitudinal fold or scoring lines to provide a bottom wall 19 and foldable side flaps 20 and an intermediate foldable locking tongue 21, such parts constituting a continuation of the side wall 16. The companion side wall 15 terminates at its free edge and at the opposite ends thereof in foldable tabs 22 having locking tongues 23 projecting therefrom adapted to be inserted through corresponding slits 24 formed in the plane of the fold 17, as shown in Figure 6, to retain the shield in its folded or tubular form. In folding the blank about the cross bar of the hanger for suspension therefrom, the side flaps 20 overlie the inner face of the opposing side wall 15 with the companion tongue 21 engaging a slit 24^a in such wall, while the end tabs 22 overlap the contiguous portions of the bottom wall 19 with the tongues 23 thereof extending inwardly through the companion slits 24 in overlying relation with the inner face of the side wall 16, whereby the shield is effectually held in its folded or closed position and can be as readily opened to its unfolded position.

The moth cake holder is preferably formed from the blank and particularly from a flap 25 constituting a continuation of the side wall 15, the flap being disposed between and substantially in line with the foldable tabs 22. This flap is adapted to be shaped or folded upon itself to provide a substantially rectangular moth cake receiving frame, and for this purpose the central portion 26 of this flap, which constitutes the bottom wall of this frame, is joined by a longitudinal fold or scoring 27 with the lower edge of the wall 15, while the opposing end portions of this flap are severed from this wall by longitudinal cuts 28. The numerals 29 indicate substantially equi-spaced fold or scoring lines disposed transversely of the flaps 25 to provide frame side walls 30 and overlying interlocking frame top walls 31. Upon folding the respective walls 30 and 31

transversely to the position shown in Figure 7, a rectangular frame is provided to receive the moth cake, and the walls 31 may be notched, as indicated at 32, for detachably holding the frame together. This frame is then adapted to be folded about the fold line 27 toward its attaching wall 15, thereby providing a cavity into which the moth cake is adapted to be inserted. When the companion side wall 16 is folded over and the interlocking flaps and tongues secured in place, the moth cake frame is completely inclosed within the cross-sectional area of the tubular shield.

The moth cake 14 is, by preference, arranged in a carton 33 having vent openings 34 in its bottom for the escape of the fumes or gases, and the overlying bottom wall 19 of the shield and the bottom wall 26 of the cake-receiving frame have like registering vent openings 35 therein for the dissipation of the fumes into intimate contact with the garments suspended from the hanger. Furthermore, the front and rear walls of the carton 33 may have Cellophane or like windows 36 therein and the side walls of the shield may have openings 37 therein registering therewith, whereby one can observe the condition of the moth cake and insert a new one in place when necessary. The size and number of vent openings govern the speed of evaporation of the moth cake and by distributing the fumes through the bottom of the holder, they are diffused with the atmosphere before reaching the garments.

I claim as my invention:

1. In combination with a garment hanger, a protecting shield of substantially tubular form suspended therefrom, and a moth cake holder formed integrally with said shield and including walls folded to form an open-faced frame-like structure for disposition within the cross-sectional area of said shield, the opposite side walls of the shield extending over the open faces of said frame structure to provide side closures therefor.

2. In combination with a garment hanger, a substantially tubular shield shaped from a single blank of material and adapted to be suspended from said hanger and having means formed integrally therewith constituting a holder for a moth cake, said holder-means consisting of a flap provided at one of the longitudinal edges of said blank and connected therewith intermediate its ends by a fold line and severed at opposite sides of said fold line from said blank to provide opposing portions folded toward each other to provide an open-faced frame, the latter being folded about said fold line to assume a position between the side walls of the shield.

3. In combination with a garment hanger, a protecting shield made from a single blank of material and folded lengthwise into substantially tubular shape for suspension from the hanger, complementary means at the opposing free edges of said blank for detachably connecting them together, and a marginal flap at one of the longitudinal edges of said shield-forming blank including a portion folded toward the companion edge of the blank and opposing alined poritions folded toward each other to provide a pocket-like structure for receiving a moth cake, said structure being positioned between the side walls of the shield.

4. In combination with a garment hanger, a protecting shield made from a single blank of material and folded lengthwise into substantially tubular shape for suspension from the hanger, complementary means at the opposing free edges of said blank for detachably connecting them together and a marginal flap at one of the longitudinal edges of said shield-forming blank including a portion folded toward the companion edge of the blank and opposing, endwise-extending alined portions severed from the blank and having spaced transverse scorings thereon about which such portions are folded toward each other to provide, jointly with said first-named portion, an open-faced frame for receiving a moth cake, the side walls of the shield extending over the open faces of said frame to retain the moth cake against transverse displacement.

5. In combination with a garment hanger, a protecting shield of substantially tubular form shaped from a single blank of material, one edge of said blank terminating in a section folded upon itself to form an open frame to receive a moth cake and folded to assume an operative position within the cross-sectional area of said shield, said frame having vent openings therein for the escape of the moth cake fumes and the shield having window openings therein in register with the moth cake receiving frame.

6. A device of the character described, comprising a split, substantially tubular body including complementary means for detachably joining the body at its opposing free ends, one of the marginal ends of the body having a flap extending therefrom including a transversely-folded section and a longitudinally-folded section, said sections jointly forming a holder for receiving a moth cake and positioned between the body-walls.

7. A device of the character described, comprising a split, substantially tubular body including complementary means for detachably joining the body at its opposing free ends, one of the marginal ends of the body having a flap extending therefrom including a transversely-folded section and longitudinally-folded sections extending from opposite ends of the latter and folded toward each other to jointly form therewith an open-faced frame adapted to receive a moth cake and positioned between the walls of said body, the end portions of said longitudinally-folded sections having complementary means thereon for detachably interlocking the frame together.

8. In combination with a garment hanger, a protecting shield of substantially tubular form shaped from a single blank of material, one edge of said blank terminating adjacent its ends in folded tabs and intermediate its ends in a section folded upon itself to form an open frame to receive a moth cake and to assume an operative position within the cross-sectional area of said shield, the opposing edge of the blank having openings adjacent its ends detachably receiving said folded tabs.

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