May 25, 1937. S. REICH 2,081,408

SHIRT FORM PROTECTOR

Filed Jan. 4, 1936

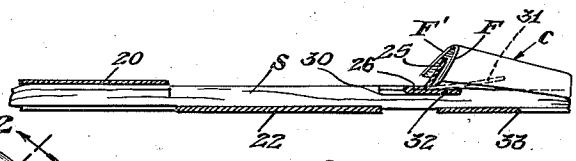


Fig. 2

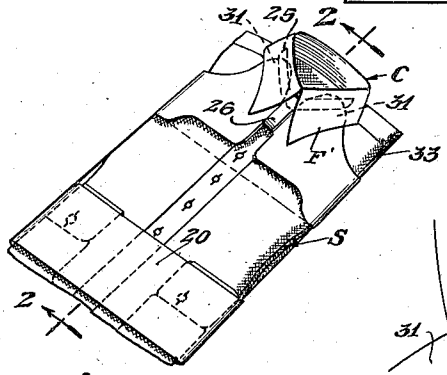


Fig. 1

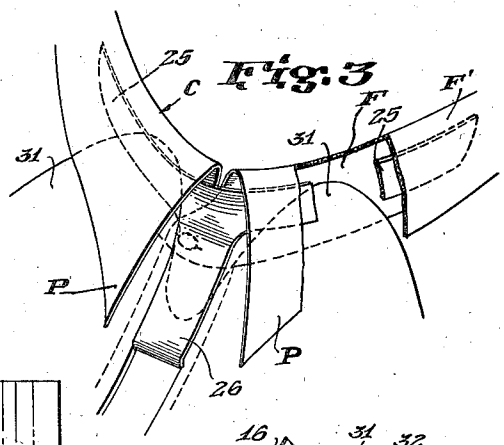


Fig. 3

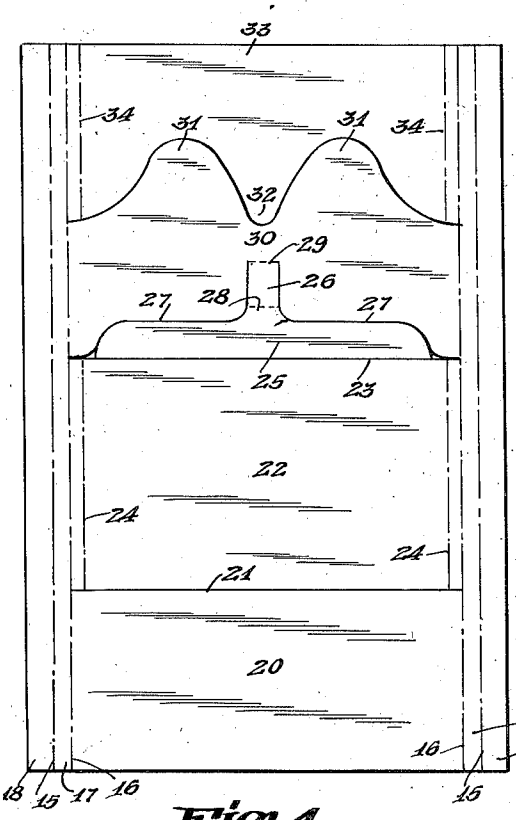


Fig. 4

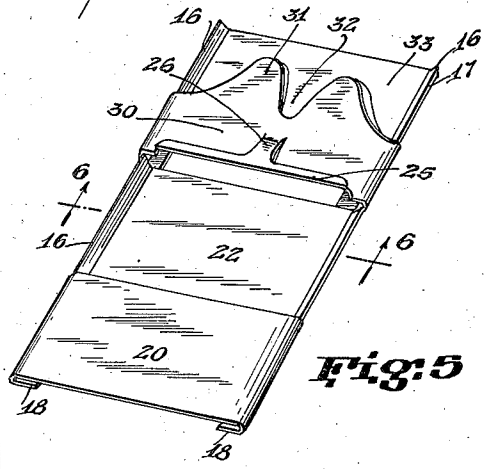


Fig. 5

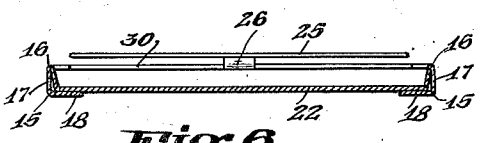


Fig. 6

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SHIRT FORM PROTECTOR

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Application January 4, 1936, Serial No. 57,459

4 Claims. (Cl. 229—87)

This invention relates to shirt form protectors and more particularly to devices used for mounting a folded shirt to retain the same in proper condition ready for use.

Ordinarily, commercial laundries insert a stiff cardboard between the bosom and back portions of a shirt to afford a measure of protection against damage by crushing and careless handling whereby the garment is defaced in appearance.

Such bosom boards are easily displaced and are, at best, ineffective in affording adequate protection to the collar and edges of a folded shirt.

Having these matters in mind it is an object of the present invention to provide an effective device for maintaining a freshly ironed shirt in good form indefinitely, irrespective of ordinary handling, transportation or storage.

A further feature is in the provision of a unitary device in which the shirt is so enclosed that its folded side edges are safely protected from becoming soiled by handling, the bosom held level and the collar independently supported.

Another purpose is to produce a combined container and support which fulfills the functions of a bosom board, shirt form, and collar support, at a negligible cost.

These and other analogous objects are attained by the novel construction and arrangement of simple but ingenious parts wholly formed from a single unitary blank, as hereinafter described and shown in the annexed drawing, forming a material part of this disclosure, and in which:—

Figure 1 is a perspective view of an embodiment of the invention as applied.

Figure 2 is an enlarged longitudinal sectional view taken on line 2—2 of Figure 1.

Figure 3 is a fragmentary perspective view of the collar supporting element, parts being broken away to show its application.

Figure 4 is a plan view of the blank drawn to an enlarged scale.

Figure 5 is a perspective view of the device in its folded position.

Figure 6 is an enlarged transverse sectional view taken on line 6—6 of Figure 5.

Referring in greater detail to the drawing, an elongated rectangular blank of sheet material, such as cardboard, is shown in Figure 4, the blank having adjacently parallel its longer side edges straight bending creases 15 and, slightly further in therefrom, other creases 16, the distance between the creases approximately corresponding to the width of a shirt when properly pressed and folded.

The strips 17 of material between the creased lines 15 and 16 are adapted to be folded at right angles to the main portion of the blank, while the strips 18 are folded inwardly from the creased lines 15 acting as reenforcements, as will later be evident.

At the lower portion of the blank, a panel 20 extends from the bottom edge to a transverse shear cut 21, between the lines 16, while thereabove is a second panel 22 extending to another transverse shear cut 23, the ends of this second panel being demarked by the crease lines 16, and spaced adjacently therefrom is a third pair of crease lines 24.

Above the shear cut 23 is sheared a narrow two armed, tongue-like collar support element 25, integrally attached by a narrow central stem 26 to the next succeeding element 30 from which, except for the stem, it is separated by shear cuts 27.

Bending creases 28 and 29 in the stem 26 permit the support 25 to be raised above the general level surface of the blank when desired.

The collar fold spacer element 30 is shaped by shearing to present a pair of upwardly reaching lobes 31 arcuately curved and spaced by a downreaching node 32, the ends of this element being demarked by the crease lines 16.

The remaining uppermost end portion 33 of the blank, as severed from the element 30, is demarked at its ends by the crease lines 16, is straight across at its upper edge, and formed with crease lines 34 in register with the lines 24.

In erecting the device for service, the side strips 17 are turned upwardly to constitute side guards and the outer strips bent inwardly over, parallel to the panels. The panel 22 is bent on the crease lines 24 and secured by an adhesive to the reenforcing strips 18.

A pressed shirt S, in a folded and buttoned condition, is disposed under the panel 20, and over the panel 22, as indicated in Figures 1 and 2.

The lobes 31 are received between the folds F and F' of the collar C, see Figures 2 and 3, and the arms 25 bent on their stem 26 to engage below the points P of the collar C, supporting them in an effective manner, while the side edges of the folded shirt are protected by the raised box-like side walls formed by the strips 16.

It will be seen that the several elements of the blank, including the creased folding lines may be

die cut, and the bending operations also accomplished by machinery in an expeditious and inexpensive manner from cheap sheet cardboard without waste.

The foregoing is generally descriptive of the best known embodiment of the invention, but subject to such changes and modifications as may be denoted in the scope of the appended claims.

Having thus described the invention and set forth the manner of its construction and use, what is claimed as new and sought to secure by Letters Patent, is:—

1. A shirt protector including front and back portions, the front portion including a panel, the upper edge of the panel being cut to form a pair of lobes adapted to be disposed between the folds of the collar of a shirt, the lower edge of the panel being formed with laterally extending wings connected to the panel by a bendable tongue, said tongue adapted to dispose the laterally extending wings between the folds of the collar whereby said collar portion of the shirt will be supported in a raised position.

2. A shirt protector including front and back portions, the front portions including a panel, the upper edge of the panel being cut to form a pair of arcuately curved upwardly reaching lobes spaced from each other by a downreaching node, said lobes adapted to be disposed between the folds of the collar of a shirt, the lower edge portion of the panel being cut to form a narrow two armed tongue-like collar support element, and a central stem connecting the tongue-like collar support to the panel, said stem adapted to be bent back upon the panel, so as to dispose the two armed tongue-like collar support element between the folds of the collar, whereby said collar portion of the shirt will be supported in a raised position.

3. A shirt protector cut from a single blank of material to produce a series of successive transverse panels arranged to contact opposite sides of a folded shirt, side strips connecting the ends of said panels, said side strips adapted to be disposed over the opposite side edge portions of the shirt, the upper edge of the uppermost front panel being cut to form a pair of lobes adapted to be disposed between the folds of the collar of the folded shirt, the lower edge of said last mentioned panel being formed with laterally extending wings connected to said panel by a bendable tongue, said tongue adapted to be bent back upon said panel so as to dispose the laterally extending wings between the folds of the collar, whereby said collar portion will be supported in a raised position.

4. A protector for pressed and folded shirts cut from a single blank of material to produce a series of successive transverse panels arranged to contact opposite sides of a folded shirt, side strips connecting the ends of the panels and adapted to constitute guards for the side edge portions of the shirt, additional strips extending inwardly from the aforementioned strips constituting reinforcing backing for the protector, the uppermost front panel having its upper edge cut to form a pair of lobes adapted to be disposed between the folds of the collar of the shirt, the lower edge of said last mentioned panel being formed with laterally extending wings connected to said panel by a bendable tongue, said tongue adapted to be bent back upon said panel, so as to dispose the laterally extending wings between the folds of the collar, whereby said collar portion will be supported in a raised position.

SAMUEL REICH.