May 20, 1952 S. E. GINAL, JR 2,597,146

SIMULATED HANDKERCHIEF

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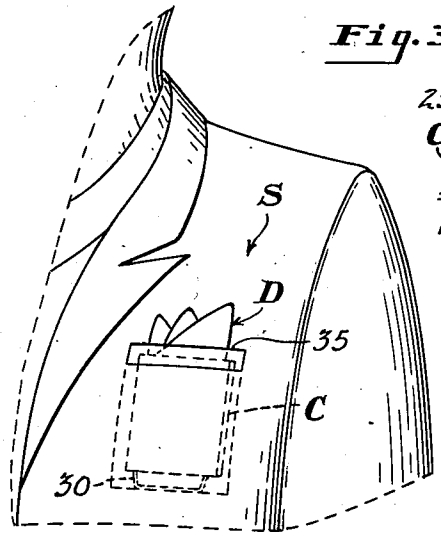


Fig. 1

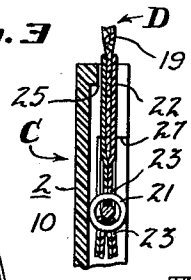


Fig. 3

Fig. 2

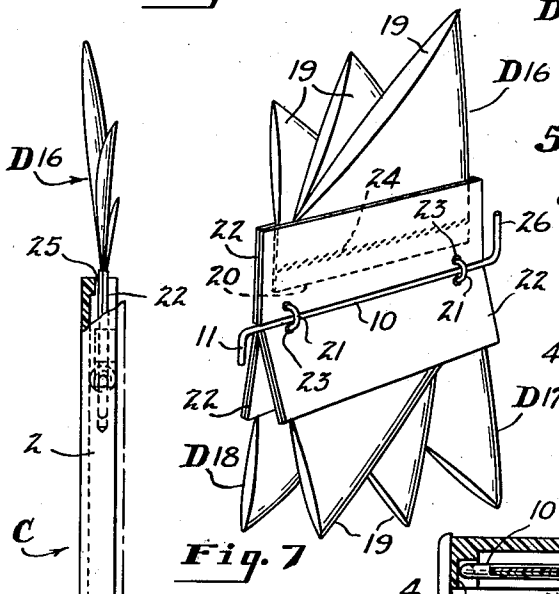


Fig. 7

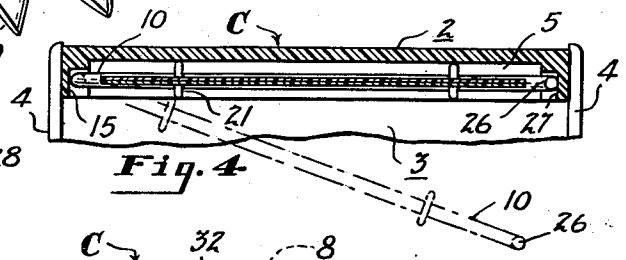


Fig. 4

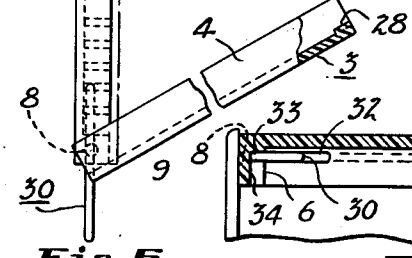


Fig. 6

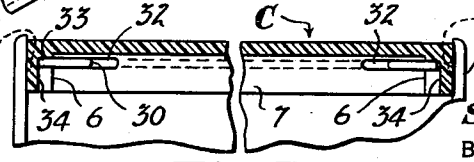


Fig. 5

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SIMULATED HANDKERCHIEF

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8 Claims. (Cl. 2—279)

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This invention relates to display devices, more particularly to ornamental displays or novelties such as are carried in apparel pockets. It is one of the principal objects of the present invention to provide a pocket novelty or ornamental device which incorporates a number of different displays assembled as a unit and housed in a protective casing. The individual displays of the unit are selectively movable from an enclosed storage position in a chamber within the casing to an exposed or external position for show above a pocket in which the display device is carried by the user. Obvious variants include arrangements wherein the protective casing is used for advertising imprints and similar purposes or is modified by the provision of supplemental chambers for cigarettes, matches, keys and the like.

Another object is to provide a display device of the type referred to which incorporates means for varying the height of the device to adjust it to fit pockets having different depths. As a preferential arrangement the height adjustment of the device in the wearer's pocket is effected by an extension member associated with the case and arranged to extend variable distances below the bottom of the case. For example, the height adjusting extension in the form of a resilient member such as a bent spring metal wire or molded plastic is arranged to project through a suitable aperture or apertures in the bottom of the case, that portion or portions of the extension inside the case having interfitting connection with the case in different positions. In a preferred construction the lower end or bottom of the case is formed with spaced slots which receive the side portions of a U-shaped spring metal wire. The bottom or connecting portion of such wire rests against the bottom of the apparel pocket containing the device and the upper ends of the U-shaped spring wire extend into the chamber within the case. These upper ends of the wire support are formed with angularly disposed oppositely directed portions receivable in recesses or notches formed in the side walls of the case chamber. This interlocking connection, retained by the resilient character of the wire support, prevents relative movement of the support and the case and holds the case at the desired elevation in the pocket.

Another object is to provide a pocket display device combining a case and a unit assembly of displays so arranged that the display unit is readily removable from the case for replacement or cleaning.

Other objects and advantages relate to certain

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details of construction and arrangements of parts which particularly adapt the device to economical manufacture by production methods as will become apparent from the following detailed description made in connection with the accompanying drawings forming a part of the specification. Like parts throughout the several views are indicated by the same numerals of reference. In the drawings:

Figure 1 is a view, partly diagrammatic, showing the display device of the present invention in the breast pocket of a man's suitcoat;

Fig. 2 is a front elevational view of the device enlarged with respect to Fig. 1, the case being open to show the interior pocket and the cover being foreshortened;

Fig. 3 is a fragmentary sectional detail through the top of the case, taken substantially along the line indicated at 3—3 of Fig. 2 and enlarged with respect to that figure;

Fig. 4 is a fragmentary sectional detail taken substantially along the line indicated at 4—4 of Fig. 2 and enlarged with respect to that figure, this view showing, in broken lines, the position of the support member when swung out of the recess or chamber in the body of the case;

Fig. 5 is a foreshortened sectional detail taken substantially along the line 5—5 of Fig. 2 and enlarged in scale with respect to that figure;

Fig. 6 is a side elevational view of the device, partly in section and with parts broken away and removed, the cover being swung to open position and foreshortened, and;

Fig. 7 is a perspective view showing the removable display unit comprising a mounting member and a number of displays carried thereby.

The display device comprises a protective case or box indicated generally at C and comprising rigid parts that are relatively movable as by being hinged together for opening and closing the case. These case parts may be carved, assembled or machined from wood, metal and other materials. Preferably, however, they are formed as by pressure or injection molding of a suitable clear or opaque plastic material such as a vinyl chloride acetate, ethyl cellulose, methyl methacrylate or one of the well-known phenol formaldehyde resins. The case parts include a body 2 and a cover 3, the latter having angularly disposed parallel flanges 4 along opposite edges. The flanges embrace the side edges of the body, preferably with a slight frictional fit, to hold the case parts in closed position during normal use. The body 2 is formed with a recess 5 which

is continuous over the major extent of the body and constitutes a chamber for holding the displays when the cover 3 is closed. The sides of the recess 5 are defined by relatively thick edge walls 6 integral with the body and continuous with a thick, connecting bottom wall 7.

Adjacent the bottom or lower end of the case, the parts are hinged together for relative swinging movement as by means of integral, molded in place protuberances 8 formed on the inside faces of the cover flanges 4. These protuberances in the two flanges are in alignment with one another and are received in matching recesses molded, drilled or otherwise formed adjacent the bottom of each of the edge walls 6. Besides serving as hinges, the protuberances and recesses act as locating means in assembly. The portions of the flanges 4 which carry the protuberances 8 extend beyond lower edge 9 of the cover so that the cover clears the lower edge corner on the case body 2 in opening and closing the case.

In the upper portion of the body recess 5 a supporting member in the form of a stiff metal wire 10 extends across the width of the case and is located and supported therein by an angularly disposed end portion 11 which is received in a socket 12 formed in one of the relatively thick sectioned edge walls 6 of the body part of the case. A portion of the edge wall above or at one end of the socket 12 is relieved or cut away as indicated at 15 to provide clearance for assembling the wire end 11 in the socket. The support member 10 thus is mounted to swing toward and away from the case part 2 to which it is hinged.

A number of displays D, such as handkerchief simulations D–16, D–17 and D–18 are rotatably mounted on the support 10 for selective movement into show position. The displays may be variously designed and constructed, a satisfactory arrangement being achieved by the use in each display of a plurality of swatches 19 of cloth fabric. These swatches are suitably colored or printed, hemmed, and folded to simulate the tips of an ornamental handkerchief. Base portions 20 of the swatches, first stitched crosswise at 24 to hold them in desired relative positions, are bonded in place between sheets of plastic material. Prior to assembly the base portions of these swatches, or the confronting faces of the plastic sheet material, are treated with a suitable adhesive agent, or, alternatively, heat sensitive plastic material may be used which, when heated, bonds together and to the bases of the fabric swatches. Each display D thus comprises a plurality of the swatches 19 having their base portions held together in a relatively stiff though bendable and flexible plastic strip 22. These plastic strips embed the swatch portions 20 and the stitches 24 and are formed with spaced perforations 23 near the bottom edges to receive metal rings 21 carried on the supporting member 10. The plastic strips 22 slide freely on the rings 21 so that the displays D can be rotated about the supporting member.

When the pocket display device is not being used, the displays are all disposed within the case chamber or recess 5. To bring one of the displays into show position for use, the cover 3 is swung away from the case body 2 and the supporting member or wire 10 is pivoted to the broken line position indicated in Fig. 4 in which the displays D can be rotated about the wire and the selected display D–16 segregated from the others and positioned to extend upwardly. The supporting member 10 is then swung back to the

storage position shown by the full lines in Fig. 4 and the cover 3 is closed against the case body 2 to retain the selected display in the upwardly projecting show or display position extending through a slot 25 formed across the upper end of the case between the upper edges of the body 2 and the cover 3. The remaining displays D–17 and D–18 are in retracted or storage position within the case chamber 5.

The free end of the supporting member 10 is desirably formed with an upwardly extending angularly disposed portion 26 which is received in a recess 27 in one of the edge walls 6 of the case body. The supporting member 10 is of such length that the angled end 26 thereof fits within the recess 27 with a friction fit that tends to hold the supporting member 10 against displacement from the storage position. The angled end 26 has a snug fit in the wall recess 27 and abuts shoulder 29 at the end of the recess to resist upward and downward displacement of the display supporting member 10. This interlocking of the support member at both ends in the side walls of the body part of the case provides a sturdy assembly and when the case is closed, prevents dislodgement of the display assembly from the storage position. Desirably the supporting member 10, made as of spring metal wire, may have the end 26 disposed at an oblique angle so as to be slightly bent or deformed when moved into the recess.

The upper edge of the cover 3 is locally thickened, providing a rib 28 which reinforces the cover and engages one side of the projecting show display. Thus the show display is clamped between the cover part and the body part of the case when in use. Both the body 2 and the cover 3 may be shaped otherwise than as illustrated, as by being transversely curved to conform to body curvature.

Extending from the bottom of the case is an auxiliary support or extension 30. This component of the device is conveniently and economically made as by bending stiff wire of spring steel or other metal in the form of a substantially U-shaped member having spaced side portions 31 and a bottom portion connecting the side portions. The bottom may be flat or straight, as shown, or it may be rounded or otherwise shaped to fit the rounded bottom pockets of sport jackets and the like. The side portions 31 extend upwardly through elongated slots 32 spaced in the bottom wall 7 of the case body part 2, the walls of the slots embracing and providing lateral support for the extension member sides. The upper ends of the extension sides 31 are bent or formed with angularly disposed elements 33 received in a selected pair of detaining notches 34 formed in the edge walls 6 of the body case. The interlocking of the extension elements 33 in the case notches 34 prevents relative movement of the parts and supports the case on the extension member 30, the latter seating in the bottom of pocket 35 of suitcoat S as indicated in Fig. 1. The series of notch recesses 34 provided along each of the two edge walls of the case provide for adjustment of the extension member relative to the case by placing the angle elements 33 in different pairs of the detent notches. In effecting such adjustment of the extension member the latter is manually deformed by pinching together the side portions 31, the slots 32 being elongated in the plane of the case to accommodate such movement. If desired, the side portions 31 of the extension member 30 may be com-

pletely retracted into the case and the elements 33 received in the uppermost pair of the detent notches so that the cross member of the extension seats against the bottom of the case.

When it is desired to clean or replace the displays D they, together with supporting member 10, may be removed as a unit from the case, the angularly disposed hinge portion 11 being lifted out of the socket 12 to release the unit from the case.

The design of the present display device permits its manufacture by economical high speed methods such as injection molding of thermoplastic compositions. The simple construction and the relatively limited number of parts permit rapid and economical assembly without special training or skill. A variety of handkerchief simulations can be provided with a minimum use of fabric material, those displays not in use being enclosed by the case and protected from becoming soiled or damaged.

In accordance with the patent statutes the principles of the present invention may be utilized in various ways, numerous modifications and alterations being contemplated, substitution of parts and changes in construction being resorted to as desired, it being understood that the embodiment shown in the drawings and described above is given merely for purposes of explanation and illustration without intending to limit the scope of the claims to the specific details disclosed.

What I claim is:

1. A display device for use in apparel pockets comprising a case having parts relatively movable for opening and closing the case, a display supporting member receivable within the case and a plurality of displays rotatively mounted on the support member for swinging movement between an exposed show position in which a portion of the display is disposed outside the case and a storage position in which the display is receivable between the closed case parts, the support member being hinged to one of the case parts to swing away from such case part providing clearance therebetween for rotation of the displays about the support member.

2. A display device for use in apparel pockets comprising a case having parts relatively movable for opening and closing the case, a wire support member having an angularly disposed pivot portion at one end socketed in one of the case parts, the support member being swingable toward and away from such case part, and a plurality of displays mounted on the wire support member, the displays being individually and selectively movable between a storage position within the case and a show position in which a portion of the display is exposed exteriorly of the case.

3. A display device for use in apparel pockets comprising a case having parts relatively movable for opening and closing the case, one case part having a relatively thick sectioned side portion, a socket in said side portion, a support member having one end disposed in said socket to locate the support member in the case, a display rotatably mounted on the support member for movement between a use position in which a portion of the display is disposed outside the case and a storage position in which the display is receivable inside the case, the support member being movable relative to the case by turning in the socket.

4. A display device for use in apparel pockets comprising a case, a display supported by the case and projecting from one end thereof to be visible above a pocket in which the device is carried, and resilient extension means extending through the other end of the case and engageable with the bottom of such pocket to support the case therein, said extension means having interlocking engagement with the case in different positions to vary the effective height of the case in adjusting the device to different pockets and being deformable for shifting to effect such adjustment, the inherent resiliency of the extension means normally retaining the adjusted interlocking engagement.

5. A display device for use in apparel pockets comprising a case, a display supported by the case and projecting from one end thereof to be visible above a pocket in which the device is carried, and a resilient substantially U-shaped member having side portions extending through the other end of the case, said side portions being connected by a bottom portion engageable with the bottom of such pocket to support the case therein, said U member having interlocking engagement with the case in different positions to vary the effective height of the case in adjusting the device to different pockets, and the U member being deformable for shifting to effect such adjustment, the inherent resiliency of the U member normally retaining the same in adjusted interlocking engagement.

6. A display device for use in a pocket comprising a case of separable shape retaining rigid parts formed to cooperatively define an internal chamber, the case having slots in opposite ends, a movable support element carried by the case and normally extending across the internal chamber thereof, a display attached to the support and projecting through the slot in one end of the case for show above a pocket in which the device is received, and an extension member projecting through the slot in the other end of the case, said extension member being engageable with the bottom of such pocket to support the device therein.

7. A display device for use in a pocket comprising a case of separable shape retaining rigid parts formed to cooperatively define an internal chamber, the case having slots in opposite ends, a movable support element carried by the case and normally extending across the internal chamber thereof, a display attached to the support and projecting through the slot in one end of the case for show above a pocket in which the device is received, and an extension member projecting through the slot in the other end of the case, said extension member being engageable with the bottom of such pocket to support the device therein and said extension member having an element adapted to lockingly interfit with one of the case parts in different positions to vary the projection of the extension in adjusting the device to different heights.

8. A display device for use in a pocket comprising a case of separable shape retaining rigid parts formed to cooperatively define an internal chamber, the case having slots in opposite ends, a movable support element carried by the case and normally extending across the internal chamber thereof, a display attached to the support and projecting through the slot in one end of the case for show above a pocket in which the device is received, a resilient springlike extension member projecting through the slot in the other end of the case, said extension member being engageable with the bottom of such pocket to support the device therein, one of the case parts being formed with a plurality of spaced recesses, and a laterally

extending element on the extension member receivable interlockingly in one of the case recesses to retain the extension member in fixed relation to the recessed case part, the extension member being deformable to withdraw the lateral element from one of the recesses for adjusting the relation of the extension member to the case and the extension member being adapted normally to retain the lateral element in one of the recesses by inherent resiliency.

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