

Nov. 27, 1951

N. A. SCHOELLES

2,576,725

BOTTLE PACKAGE

Filed June 28, 1948

2 SHEETS—SHEET 1

Fig. 1.

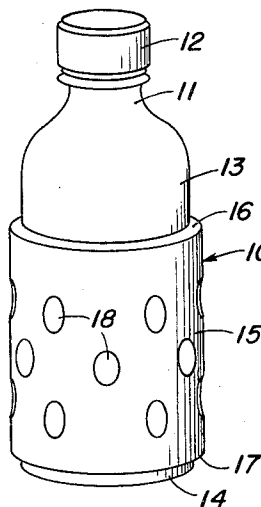


Fig. 4.

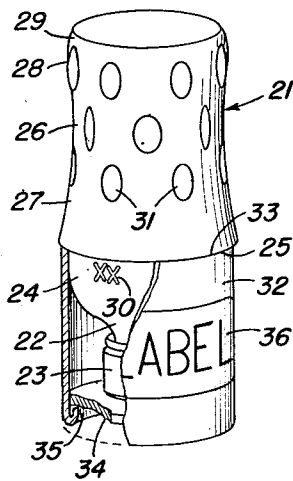
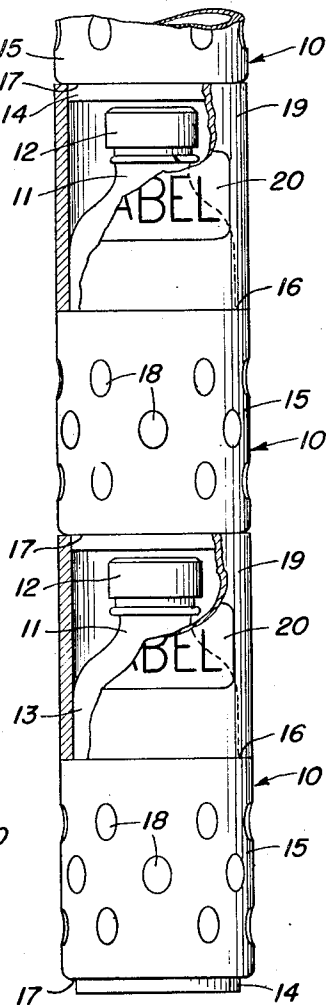
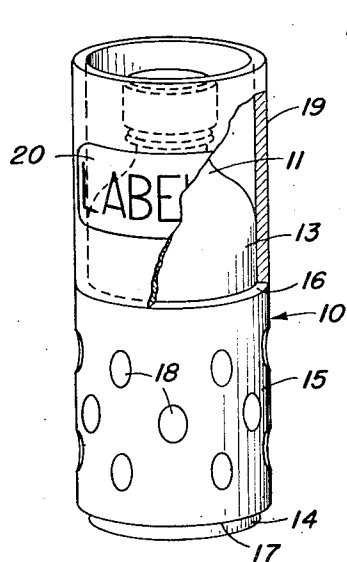
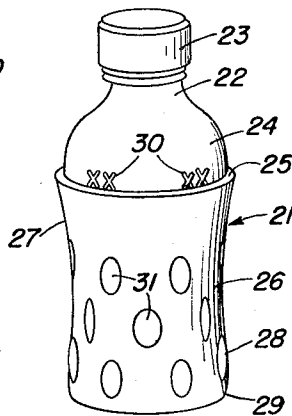


Fig. 2.

Fig. 3.

Fig. 5.

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2 SHEETS—SHEET 2

Fig. 6.

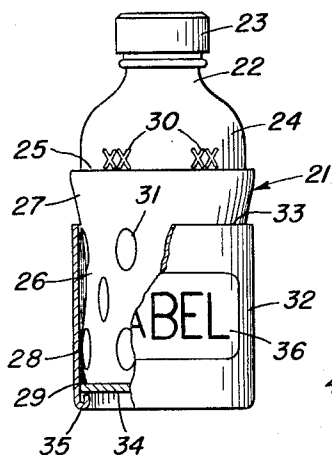


Fig. 8.

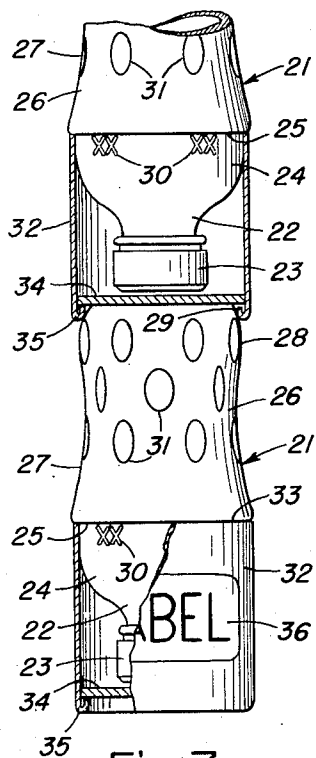
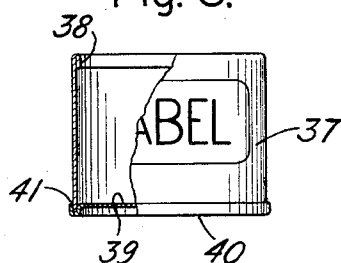


Fig. 7.

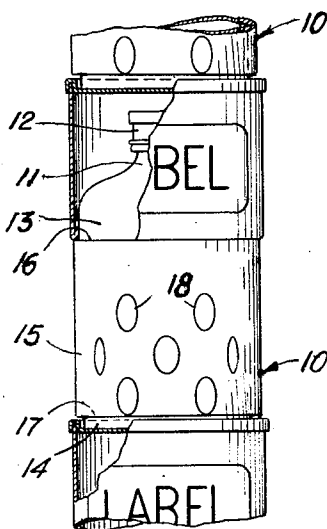


Fig. 9.

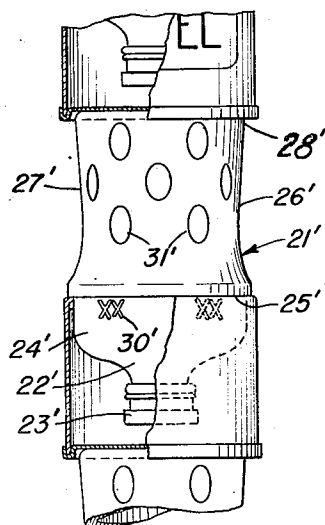


Fig. 10.

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2,576,725

BOTTLE PACKAGE

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Application June 28, 1948, Serial No. 35,674

6 Claims. (Cl. 215—10)

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This invention relates to an improved commercial package for a bottle, which is especially adapted to be stacked with similar packages for packing or display purposes.

This application is a continuation in part of my co-pending application for Letters Patent of the United States Serial No. 777,261, filed October 1, 1947, now abandoned.

It is an object of this invention to provide a simple and economical package for bottled preparations, adapted to be conveniently stacked with similar packages in a packing case or on a display counter or shelf, offering outstanding stability against collapse of the stack, and substantial protection against breakage during shipment, handling or use.

In conjunction with the foregoing object, it is also an object to provide a commercial package of pleasing and unusual appearance, singularly well adapted to display advertising matter thereon to the best advantage, not only when displayed for sale, but also during use by the consumer.

In accordance with my invention, I provide a bottle, e. g., of glass or other ceramic or plastic material, having neck and body portions and an abutment projecting from the side of the body portion and facing the neck portion, and a tubular member or sleeve for assembly with the bottle to form a package, which may be of any stiff material such as cardboard, wood, plastic or the like, said sleeve surrounding said neck portion and fitting snugly around said upper body portion, with its edge at one end engaging said abutment and its opposite end extending beyond the top of the bottle. The base of the bottle is shaped to adapt it for insertion, fitting loosely or snugly, into the latter or outer end of said sleeve (or the corresponding sleeve of a similar bottle package) and means are provided for limiting the extent of such insertion of the base portion of said bottle into the outer end of said sleeve to a point short of the space normally occupied by the neck portion of the bottle. The latter means may comprise a downwardly facing abutment adjacent to the base of the bottle and adapted to engage the outer edge of the sleeve; or it may comprise a partition or other abutment within the sleeve, adapted to support the base of the bottle. So long as the base of the bottle extends into the latter end of the sleeve, the portion of the sleeve encircling the base prevents lateral displacement of the bottle beyond the limits of the sleeve.

By use of the foregoing combination, a plurality of packages in accordance with my invention, can be readily arranged in a stack, merely by insert-

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ing the base portions of successive bottles into the outer ends of the sleeves on adjacent bottles at the junction between each pair of packages in the stack. When my packages are stacked in the aforesaid manner, the sleeves protect the neck portions of the bottles from contact with other objects, and act as separators or cushions between adjacent bottles in the stack, preventing damage from the bottles knocking against each other. The sleeves, moreover, maintain the bottles substantially in alignment so that the stacks of packages can be conveniently and safely handled as units for depositing them in a packing case, and prevent disarrangement of the bottles during shipment. In addition, the sleeves serve to stabilize stacks of the packages against collapse when arranged on a shelf or display counter, and can be arranged to serve as connectors between the bottles, without interfering with removal of individual packages from the stack.

The sleeves of my packages provide a convenient base for applying a label, trade-mark, legend or other matter for ornamental or advertising purposes, and resulting packages, when displayed singly or stacked, present a unique and striking appearance, wherein the contents of the bottle can be displayed in juxtaposition to the label or advertising matter placed on the sleeve, and the sleeve and bottle sections are visible alternately in a stack.

In one embodiment of my invention, the sleeve may be simply and economically made by cutting a series of sections from cylindrical cardboard tubing, the bottle adapted to be used with such sleeves having an upwardly facing abutment, such as an annular shoulder near the upper end of the body portion and a similar downwardly facing abutment or shoulder near its base. The cardboard tubing is selected to yield sleeves having substantially the same internal diameter as the cylindrical portion of the body of the bottle extending upward from said upwardly facing shoulder or abutment so that said cylindrical portion may be inserted to fit snugly in the end of said sleeve. Similarly, the opposite end of the sleeves can be constructed to have the same diameter as the cylindrical base portion of the bottles extending downward from the lower shoulder or abutment, so that a snug fit will result. If the sleeve end is of somewhat larger diameter, a loose fit results. The insertable base portion of the bottle is preferably made relatively short so as to facilitate removal of individual packages from a stack. The cardboard sleeves are made of sufficient length to separate the top

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of each bottle from the base of another bottle inserted into opposite ends, respectively, of the sleeve. The body portion of the bottle between the shoulders or abutments can be made of any desired artistic shape or appearance to render the package more attractive.

In another preferred embodiment, the sleeve is likewise made of cardboard tubing, but has a partition disposed or inserted therein near one end thereof. The base of the bottle in this case is shaped to enter loosely or fit snugly into the end of the sleeve adjacent the partition until the bottle abuts the partition, thus eliminating the necessity for a shoulder or other abutment near the base of the bottle. Adjacent the upper portion of the body of the bottle, an annular shoulder or similar abutment is provided facing the neck portion, and is adapted to engage the other end of the sleeve when the neck portion of the bottle is inserted into said end of the sleeve. In this form of the invention, the package is advantageously marketed and displayed with the bottle inverted so that the cardboard sleeve forms the lower portion of the package and the body portion of the bottle forms the upper part thereof. In this position the sleeve serves as a cushion to protect the package against shocks from contact with a supporting surface. Moreover, in the latter embodiment, the body portion of the bottle is advantageously shaped and dimensioned to fit into the cavity of the sleeve originally occupied by the neck portion of the bottle, so that in order to use the contents of the bottle, the position of the inverted bottle is merely reversed, its base being inserted into the open end of the sleeve, whereby the sleeve continues to act as a cushion for the bottle and also is adapted to catch drops of liquid running down the sides of the bottle. Since the sleeve remains in the same position during use as well as in the original package, the legend or advertising matter thereon is at all times in upright and legible position. In this embodiment, the edge of the sleeve at the end adapted to receive the upper end of the bottle can be advantageously reinforced, e. g., by curling the cardboard inward, to form a rim of double thickness, and thereby improve frictional engagement with the upper portion of a bottle when inserted therein.

My invention will be more fully understood, and additional objects and advantages will appear from the following description of a number of preferred embodiments of my invention, taken in conjunction with the accompanying drawing, wherein:

Figure 1 is a perspective view of a bottle employed in one form of package according to my invention.

Figure 2 is a perspective view of an individual package, including the bottle of Fig. 1, portions being cut away to show the underlying structure and relationship of the parts.

Figure 3 is a side elevation of a stack of packages of the type shown in Fig. 2, portions being cut away to show the underlying structure.

Figure 4 is a perspective view of another form of bottle suitable for use in accordance with the invention.

Figure 5 is a perspective view of an individual package as displayed or marketed, including the bottle of Fig. 4, portions being cut away as in the preceding figures.

Figure 6 is a side elevation of the package of Fig. 5, rearranged for use of the contents of the bottle.

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Figure 7 is a side elevation of a stack of packages of the type shown in Fig. 5.

Figure 8 is a detail in side elevation of another form of sleeve for use with the bottles of Figs. 4 and 10.

Figure 9 is a fragmentary view, with portions cut away, of a stack of packages, illustrating use of the sleeve of Fig. 8 with the bottle of Fig. 1.

Figure 10 is a fragmentary view, similar to Fig. 9, illustrating use of the sleeve of Fig. 8 with a bottle resembling that of Fig. 4.

Referring to the drawings, the form of package illustrated in Figs. 1 to 3 includes a bottle 10 of the type shown in Fig. 1, comprising a neck portion 11 including a closure, such as screw cap 12, at the top, and having a generally cylindrical body portion, including a substantially cylindrical section 13 adjacent the neck portion, a relatively short cylindrical section 14 of the same diameter at the base of the bottle, and an intervening section 15 of increased diameter, terminating at an upper abutment formed by annular shoulder 16 facing the neck portion 11, and a lower abutment formed by annular shoulder 17 facing the base of the bottle and adjacent thereto. The surface of section 15 intermediate shoulders 16 and 17, may have any desired shape or design; for example, it may be provided with ornamental or utilitarian designs, such as rounded depressions 18, for improving the appearance of the bottle and affording a firmer grip in handling the same.

For assembly with the bottle 10, my package comprises a sleeve 19 of stiff material such as cardboard, preferably flat at its ends, having an internal diameter similar to that of cylindrical sections 13 and 14 of bottle 10, and a length exceeding, by at least a small increment, combined distances from shoulder 16 to the top of cap 12 and from shoulder 17 to the base of the bottle. Advertising matter such as a trade-mark, or label 20 bearing a suitable legend or design, can be applied to the exterior of the sleeve 19.

The bottle 10 and sleeve 19 are assembled in the manner shown in Fig. 2 to form an individual commercial package, by sliding the sleeve 19 downward over the upper section 13 of the body portion of bottle 10, until the lower end of said sleeve abuts annular shoulder 16, the upwardly extending portion of said sleeve thereby surrounding neck portion 11 of the bottle, and thus providing substantial protection against breakage from contact with other objects in handling.

The outside diameter of sleeve 19 is advantageously made the same as that of section 15 of the body portion of the bottle so as to afford a substantially continuous cylindrical surface extending from the top nearly to the base of the package.

If the bottle is transparent, the contents thereof are visible at the lower portion of the package, while the upper part formed by sleeve 19 can be suitably ornamented or provided with advertising matter to form a package of especially striking and attractive appearance.

A plurality of the packages of Fig. 2 can be readily stacked, as shown in Fig. 3, by inserting the lower section 14 near the base of the bottles into the upper end of sleeve 19 of an adjacent package, downwardly facing shoulder 17 of each bottle abutting the outer edge of the sleeve. Telescopic engagement of the base section 14 of each bottle with the sleeve 19 of the adjacent package stabilizes the stack against disarrangement or collapse, the resulting stability being of particular advantage when the stacks are placed

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on shelves or counters from which they are to be removed by customers or salesmen.

Another preferred embodiment of my invention is illustrated in Figs. 4 to 7. In this embodiment, a bottle 21 is provided, having a neck portion 22 with a cap or closure 23, and a body portion comprising an upper convex, rounded section 24 extending to an annular shoulder 25 which faces the neck portion 22. Extending downward from shoulder 25, a mid-section 26 of the body tapers inwardly, as indicated at 27, and then expands to form a slight bulge 28 or nearly cylindrical portion near the base of the bottle, while below the bulge 28 an inwardly tapered section 29 extends to the base. The upper convex section 24 approaches cylindrical shape at its junction with shoulder 25. Moreover, raised characters or a legend 30 can be advantageously moulded on the exterior of convex section 24 adjacent shoulder 25. Any desired ornamental or utilitarian design, such as the rounded depressions 31, can be formed in the surface of the lower portion of the bottle as in the case of the bottle of Figs. 1 to 3. For reasons which will hereinafter appear, the diameter of the slightly bulged or cylindrical portion 28 is similar to that of the convex section 24 at its junction with shoulder 25, while the base of the bottle at the end of inwardly tapered section 29 is of somewhat smaller diameter.

To make up a package in accordance with my invention, employing bottle 21, I provide a sleeve 32 of stiff material such as cardboard, having an internal diameter similar to that of convex section 24 of the bottle at its junction with shoulder 25, said sleeve having its upper end 33 open and a partition 34 of similar material near its base, secured therein and advantageously supported by an inwardly curled rim 35 which serves to space said partition a short distance from the lower end of sleeve 32. The length of the sleeve is such that the distance from the partition 34 to the edge of upper end 33 exceeds by at least a small increment the distance from annular shoulder 25 to the top of cap 23 of the bottle. A label 36, or similar design, on the outside of sleeve 32 has its legend in upright position when the open end 33 of the sleeve is upwardly disposed and partition 34 is nearer the base.

An individual package for display or marketing purposes is made in accordance with my invention by inverting bottle 21, and inserting its neck portion 22 and convex section 24 into the upwardly disposed open end 33 of sleeve 32, until annular shoulder 25 abuts the upper edge of the sleeve as shown in Fig. 5. The raised characters 30, if provided, serve to increase frictional engagement of the sleeve 32 with bottle 21, holding the two parts of the package together. The package, when it is displayed, presents a unique appearance in which most of the body portion of the bottle and its contents are visible at the top of the package, and the sleeve 32 bearing advertising matter or the like forms the base of the package. The curled rim 35 of sleeve 32 provides a broad, steady base for the package, cushioning the bottle against shocks and possible breakage when the package is placed on a hard support, as well as from jolting during shipment of the package in upright position.

In order to use the contents of the bottle 21, the latter is withdrawn from the sleeve 32, its position reversed, and its lower portion 26 inserted into the open end of the sleeve 32 as shown in Fig. 6. The base of the bottle is thereby sup-

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ported on partition 34 while the slightly bulged or cylindrical portion 28, having the same diameter as the interior of sleeve 32, can engage the inner wall of the latter to hold the sleeve and bottle wall frictionally together. Sleeve 32 thus continues to provide a cushion for the bottle during use, protecting it against shocks or jolts in handling, and also preventing the bottle from marring the surface on which it is placed. Moreover, sleeve 32 serves to catch any drops of liquid which may run down the bottle, thus preventing possible damage to the surface on which the bottle is placed.

A plurality of individual packages of the type shown in Fig. 5 can be conveniently stacked in the manner shown in Fig. 7 by inserting the upwardly disposed tapered ends 29 of the bottles into the shallow cavities formed by curled rim 35 and partition 34 at the lower end of sleeve 32 of each superposed package, the partitions 34 resting upon the bottom surfaces of the inverted bottles and serving as abutments to limit insertion of said bottles into the sleeves. As in the case of the stack shown in Fig. 3, interengagement of the bottles of each package with the base of the sleeves 32 in adjacent packages stabilizes the stack against disarrangement or collapse, especially when the stacks are placed on shelves or counters, while at the same time the individual packages can be readily removed, one at a time, by customers or salesmen.

Fig. 8 shows a modified form of the sleeve of Figs. 5 to 7, which can be suitably made of somewhat thinner cardboard or other stiff material. Figs. 9 and 10 show assembly of the sleeves of Fig. 8 with the bottle 10 of Fig. 1, and with a bottle 21', essentially similar to bottle 21, described above, except that the broadest point 28' is closer to the base than the bulge 28 of bottle 21. Similar reference numerals are accordingly used for bottles 21 and 21', the latter being distinguished by a prime. The sleeve 37 has one edge bent inward upon itself to form a curled rim 38 which reinforces the edge of the sleeve, and which is made of a diameter snugly fitting the upper cylindrical portion 13 of bottle 10 or the corresponding rounded sections 24 or 24' of bottles 21 or 21'. At the opposite end of the sleeve 37, a partition 39 and a surrounding axially projecting annular flange 40 projecting outward from the partition are provided, e. g., by applying a sheet metal closure of the type commonly used in tubular cardboard containers to the end of the sleeve, said closure being secured to the sleeve by clamping its edge in an annular groove 41 formed at the edge of the metal closure, so that the metal forming the groove 41 also forms annular flange 40. Like partition 34 of sleeve 32, the metal partition 39 is spaced from the edge of the rim 38 at the opposite end of the sleeve by a distance exceeding by at least a small increment the distance from the annular shoulder 25 or 25' to the top of the cap 23 or 23' on bottle 21 or 21', or correspondingly the distance from annular shoulder 16 to the top of the cap 12 on bottle 10. While the outside diameter of the annular flange 40 is virtually the same as the outside diameter of sleeve 37 so that, externally, it forms substantially a continuation thereof, its inside diameter is slightly greater than the diameter of the base portions of bottles 10 or 21'.

The sleeve 37 can be assembled, as shown in Fig. 9, with bottle 10 by inverting the sleeve and pressing it down on the upper cylindrical por-

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tion 13 of the bottle until the rim 38 abuts shoulder 16. The inwardly curled rim 38, by reason of its resilient cushioning effect, provides increased frictional engagement with the sides of the bottle to hold the sleeve firmly in place. In the resulting package, the sleeve protects the upper portion of the bottle from damage by knocking other objects in handling or storage. The metal closure forming the partition 39 provides additional protection for the top of the bottle, and improves the appearance of the package. As in the case of the other sleeves hereinbefore described, a label bearing a legend, trade-mark or decorative matter can be applied to the sides of the sleeve, and if desired can also be provided on the partition 39.

Similarly, the sleeve 37 can be assembled with bottle 21' in much the same manner as sleeve 32 with bottle 21, preferably by inverting the bottle and inserting its upper rounded portion 24' into the cavity of the sleeve, the bottle being pressed into the sleeve until the rim 38 abuts shoulder 25' on the bottle. The inwardly curled flange of the rim 38 affords cushioned frictional engagement with the walls of the bottle, especially when it engages the raised characters or legend 30 formed on the walls of the bottle, to hold the parts of the resulting package together.

A label or legend when applied to the sleeve 37 can be applied in upright or inverted position (in Fig. 8), depending on the position to be occupied by the sleeve in the package as marketed, so that the label will appear thereon in upright position when the package is displayed.

When packages of my invention are stacked as shown in Fig. 9, the base portion 14 of the bottle 10 rests in the shallow cavity formed by flange 40 of the sleeve of the next lower package, and is supported on the corresponding partition 39. Similarly, in stacking the packages shown in Fig. 10, the upturned base of the inverted bottle 21' of one package enters the shallow cavity of flange 40 of the sleeve of the superposed package, and the partition 39 of the latter rests on the base of the aforesaid bottle. In either case, the flange 40, loosely surrounding the base of the bottle, prevents the packages from sliding sideways on each other, thus rendering the stack relatively secure against collapse from misplacing the packages or from casual displacement caused by vibration, handling, lateral contact or the like.

For use of the contents, the bottle 21' can be inserted in sleeve 37 in the same manner as described above with reference to bottle 21 and sleeve 32, and shown in Fig. 6. For this purpose, the broadest part 28' of the bottle 21' near its base has a diameter at most equal to the diameter of the rounded portion 24' adjacent shoulder 25', so that the base of the bottle can be inserted into sleeve 37 past its curled rim 38, finally resting on partition 39. Preferably, the broadest part 28' near the base of the bottle is the same diameter as the rounded part 24' so that the base passes rim 38 of the sleeve 37 with a snug fit, so that when the bottle and sleeve are assembled for use, the sleeve will not drop off the base of the bottle, but will be retained thereon by frictional resistance to withdrawal of the part 28' past rim 38.

The packages of my invention are particularly advantageous for packing large numbers thereof in cases for shipment. Thus, groups of packages can be stacked as shown in the drawings, and the resulting stacks can be safely lifted and

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deposited as a unit in the packing case. Inter-engagement of the bottle of one package with the sleeve of an adjacent package not only prevents collapse of the stack during such handling, but also keeps the stacks of bottles substantially aligned in the shipping cases, minimizing danger of breakage from lateral contact between the bottles. Furthermore, sleeves 19, 32 or 37 act as separators or cushions to keep the ends of adjacently packed bottles out of contact, and thus protect them from damage during shipment.

Variations can be made in the packages specifically described above without departing from the scope of my invention. Thus, the abutment provided by annular shoulders 16, 17 and 25 for engaging the ends of sleeves 19, 32 or 37, can be of different form or shape and may be discontinuous or continuous circumferentially of the bottle. Similarly, the abutment formed by partition 34 or 39 in sleeve 32 or 37 can be replaced by any other suitable form of abutment in said sleeve. The packages of my invention have been specifically illustrated as including bottles of circular, transverse cross-section; however, the structure of my invention can be similarly applied in the case of bottles of other cross-sectional shapes, the sleeve being modified in each case to conform to the shape of the bottle.

Other variations and modifications can be made within the scope of my invention, and portions can be used without others.

I claim:

1. A commercial package adapted to be stacked with similar packages, comprising a bottle having body and neck portions, said body portion including an abutment projecting from the side of the body portion and facing the neck portion, and said neck portion carrying a closure member; a sleeve of stiff material surrounding the neck portion and closure member, spaced from the latter member, and fitting snugly over, and being slidable in axial direction upon, said body portion with one end engaging said abutment and the opposite end extending beyond said neck portion and closure member; said bottle having a base shaped and dimensioned to enter said opposite end of the sleeve, slidably in axial direction; and means limiting insertion of said base into said opposite end of the sleeve to a point within the sleeve but short of the space occupied by said neck portion when the sleeve engages said abutment.

2. A commercial package comprising a bottle having body and neck portions, said body portion including an external abutment projecting from the side of the body portion and facing the neck portion, and said neck portion carrying a closure member; and a sleeve of stiff material having an internal transverse abutment, said sleeve being adapted to surround the neck portion of the bottle and closure member, spaced from the latter member, and shaped to fit snugly against, to frictionally engage, and to be slidable in axial direction upon, the sides of the body portion adjacent the external abutment thereon, with one end of the sleeve engaging the external abutment and the opposite end extending beyond said neck portion and closure member, said internal abutment being disposed thereby beyond said neck portion, said body portion being shaped and dimensioned below the external abutment for insertion, slidably in axial direction, into the first-named end of the sleeve so that the base of the bottle rests on the internal abutment of the sleeve.

3. A commercial package adapted to be stacked with similar packages, comprising a bottle having body and neck portions, said body portion including an abutment projecting from the side of the body portion adjacent to and facing the neck portion, and said neck portion carrying a closure member; a sleeve of stiff material adapted to surround the neck portion and closure member, spaced from the latter member, and having one end fitting snugly over, and being slidable in axial direction upon, said body portion to engage said abutment while the opposite end extends beyond said neck portion and closure member; and a transverse partition secured in said sleeve, adjacent to but spaced from said opposite end, disposed to clear the top of said neck portion; the lower body portion of said bottle being shaped and dimensioned for insertion slidably in axial direction into the first-named end of said sleeve, so that the base of the bottle rests upon the partition, and the base of the bottle being also shaped and dimensioned to enter, slidably in axial direction, said opposite end of the sleeve so that the base abuts said partition, whereby the portion of the sleeve projecting beyond said partition can surround the base of the bottle to restrain the base against lateral displacement beyond the limits of the sleeve.

4. A commercial package adapted to be stacked with similar packages, comprising a bottle having body and neck portions, said body portion including a circumferential shoulder projecting from the side of the body portion adjacent to and facing the neck portion, and said neck portion carrying a closure member; a sleeve of stiff material adapted to surround the neck portion and closure member, spaced from the latter member, and having at least one end fitting snugly over, and being slidable in axial direction upon, said body portion to abut said shoulder while the opposite end extends beyond said neck portion and closure member; and a transverse partition secured in said sleeve, adjacent to but spaced from said opposite end, disposed to clear the top of said neck portion; the lower body portion of said bottle being shaped and dimensioned to enter slidably in axial direction the first-named end of said sleeve, so that the base of the bottle rests upon said partition, and including means for frictionally engaging the interior surface of said sleeve so as to resist withdrawal of the bottle from the sleeve when said lower body portion is inserted into the first-named end of the sleeve; and the base of the bottle being shaped and dimensioned for insertion, slidably in axial direction, into said opposite end of the sleeve so that the base abuts said partition, whereby the portion of the sleeve projecting beyond said partition can surround the base of the bottle to restrain the base against lateral displacement beyond the limits of the sleeve.

5. A commercial package adapted to be stacked with similar packages, comprising a bottle having body and neck portions, said body portion including a circumferential shoulder projecting from the side of the body portion adjacent to and facing the neck portion, and said neck portion carrying a closure member; a sleeve of stiff material adapted to surround the neck portion and closure member, spaced from the latter member, and having at least one end fitting snugly over, and being slidable in axial direction upon, said body portion to abut said shoulder

while the opposite end extends beyond said neck portion and closure member, said bottle having locally raised areas on the external surface of the sleeve-engaging part of the body portion adjacent said shoulder to provide increased frictional engagement between said sleeve and the bottle; a transverse partition secured in said sleeve, adjacent to but spaced from said opposite end, disposed to clear the top of said neck portion; the lower body portion of said bottle being shaped and dimensioned to enter, slidably in axial direction, said opposite end of the sleeve so that the base abuts said partition, whereby the portion of the sleeve projecting beyond said partition can surround the base of the bottle to restrain the base against displacement beyond the limits of the sleeve.

6. A commercial package comprising a bottle having body and neck portions, said body portion including a circumferential shoulder projecting from the side of the body portion and facing the neck portion, and said neck portion carrying a closure member; and a sleeve of stiff material, open at one end and having a transverse partition adjacent the opposite end, said sleeve being adapted to surround the neck portion of the bottle and closure member, spaced from the latter member, and shaped to fit snugly against, to frictionally engage, and to be slidable in axial direction upon the sides of the body portion adjacent said shoulder with the first-named end of the sleeve engaging said shoulder and the opposite end extending beyond said neck portion and closure member, said transverse partition being disposed thereby beyond said neck portion; said body portion being shaped and dimensioned below said shoulder for insertion, slidably in axial direction, into the first-named end of the sleeve so that the base of the bottle rests on said transverse partition, a part of said body portion adjacent the base of the bottle and which is adapted for insertion into the open end of the sleeve being shaped and dimensioned to have frictional engagement with a portion of the sleeve adjacent the open end thereof so that said frictionally engaging portions of the sleeve and the bottle move past each other during insertion or withdrawal of the base of the bottle from the open end of the sleeve, thereby resisting withdrawal of the bottle from the sleeve when the base of the bottle has been inserted to rest on said internal abutment, and being disengaged when the bottle is thus inserted.

NORMAN A. SCHOELLES.

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