Nov. 23, 1954 O. L. VINES 2,695,116

COLLAPSIBLE CARRIER FOR COLUMNAR ARTICLES AND THE LIKE

Filed Oct. 20, 1950

FIG. 1

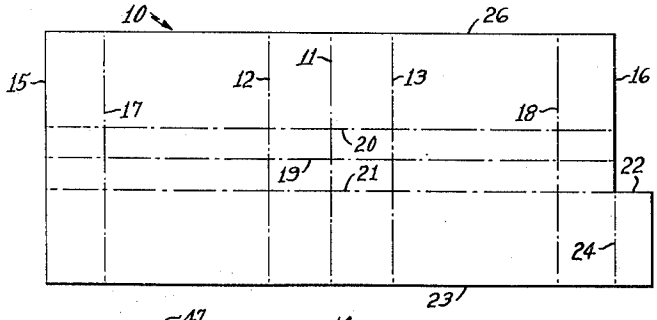


FIG. 2

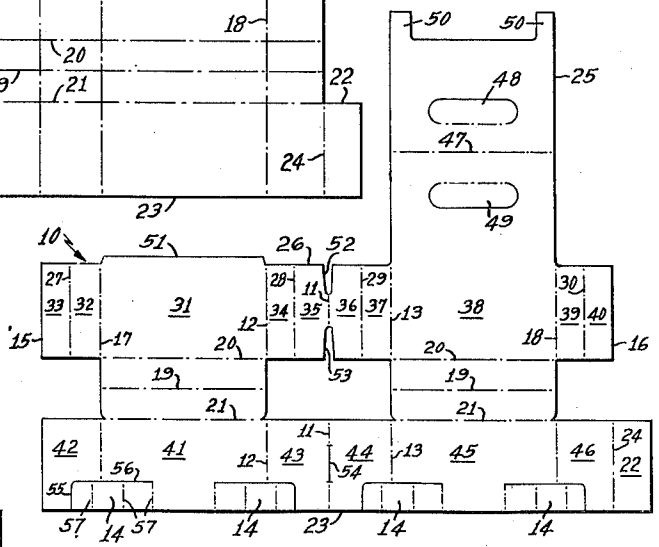


FIG. 6

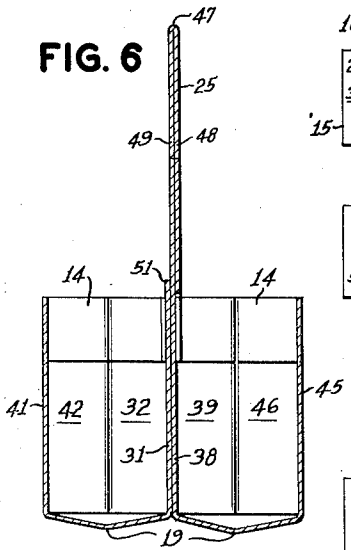


FIG. 3

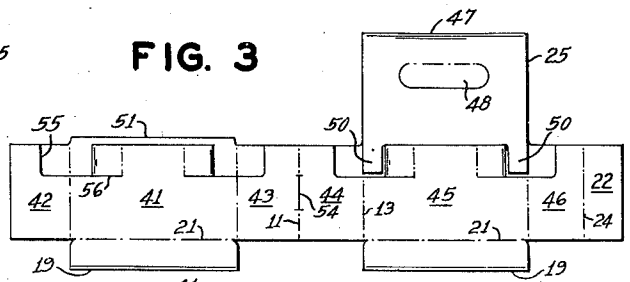


FIG. 4

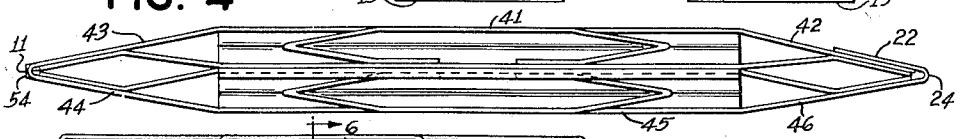
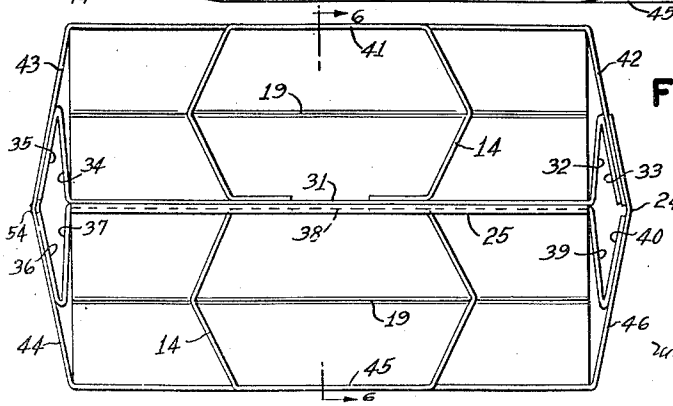


FIG. 5



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2,695,116

COLLAPSIBLE CARRIER FOR COLUMNAR ARTICLES AND THE LIKE

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Application October 20, 1950, Serial No. 191,220

14 Claims. (Cl. 220—113)

This invention relates to collapsible carriers for columnar articles and the like and, more particularly, to collapsible carriers adapted to be loaded with bottles, cans, and the like, in an automatic loading machine.

As a result of the present trend toward the sale of bottled and canned beverages and foods in convenient carriers, there is an increasing demand for a strong yet inexpensive carton construction which in its collapsed condition will be relatively flat and yet which can be opened readily to its fully expanded shape in an automatic loading machine. In my copending application Serial No. 84,648, filed March 31, 1949, I have described and claimed a collapsible carrier which meets these standards in spite of its being formed out of relatively light sheet material such as kraft paper.

Utilizing the general principles of the collapsible carrier construction set forth in my aforementioned application, I have now devised a collapsible carrier blank capable of being formed from paperboard or the like. Collapsible carriers formed from such a blank are not only flat in their collapsed form and rigid in their expanded or opened form, but are possessed of an inherent spring-like characteristic which tends to hold the columnar articles in place and to cushion shocks to which they may be subjected.

The collapsible carrier for columnar articles and the like pursuant to the present invention comprises a blank having a substantially rectangular main body member of substantially rigid sheet material such as paperboard. The body member is provided with a substantially centrally disposed transverse score line as well as second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member. The body member is further provided with fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member. The body member is further provided with a substantially centrally disposed longitudinal score line normal to the transverse score lines and has second and third longitudinal score lines disposed on opposite sides of the central longitudinal score line. The area of the body member defined by the second and third transverse score lines and by the second and third longitudinal score lines is cut out. The areas of the body member defined by the ends thereof and the fourth and fifth transverse score lines, respectively, and further by the second and third longitudinal score lines, are also cut out. The portion of the main body member between the second longitudinal score line and the nearer longitudinal edge of the body member is further provided with a transverse score line between one end thereof and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end of the body member. The resulting structure comprises two main areas defined by the longitudinal score lines, respectively, these areas comprising carrier wall sections each of which is divided into two carrier side panels and adjoining end wall portions by the central transverse score line.

These and other novel features of the collapsible carrier blank of my present invention are shown in the accompanying drawings in which

Fig. 1 shows the basic form of a partially scored carrier blank according to the invention prior to the removal of various cut out portions;

Fig. 2 shows a completely scored and cut out blank for a carrier pursuant to the invention;

Fig. 3 shows the carrier blank of Fig. 2 in a partially assembled state;

Fig. 4 is a top plan view of the completely assembled carrier in its nearly collapsed condition;

Fig. 5 is a top plan view of the assembled carrier in its nearly opened condition; and

Fig. 6 is a sectional elevation of the opened carrier taken along line 6—6 in Fig. 5.

The basic form of the collapsible carrier blank of my invention is shown in Fig. 1. As in my aforementioned application, the carrier blank comprises a substantially rectangular main body member **10**. The body member is provided with a substantially centrally disposed transverse score line **11** as well as with second and third transverse score lines **12** and **13**, respectively. The transverse score lines **12** and **13** are disposed on opposite sides of the central score line **11** and are closer to this central score line than they are to the ends **15** and **16** of the main body member. The body member **10** is further provided with fourth and fifth transverse score lines **17** and **18**, respectively, on opposite sides of the central transverse score line and adjacent to but spaced from the ends **15** and **16**, respectively.

The body member **10** is also provided with a substantially centrally disposed longitudinal score line **19** normal to the transverse score lines. Second and third longitudinal score lines **20** and **21**, respectively, are provided on opposite sides of the central longitudinal score line. A glue flap **22** projects from one end of the main body member **10**, this flap having a width approximately that of the distance between the third longitudinal score line **21** and the nearer longitudinal edge **23** of the body member. The glue flap **22** adjoins the main body member along a score line **24** which is in effect an extension of the end **16**. Although the handle structure for the carrier may be provided by any suitable means, I have found its advantageous to form the handle portion as a separate panel **25** projecting from a portion of the other longitudinal edge **26** of the main body member, as shown in Fig. 2.

The carrier blank shown in Fig. 2 is substantially that shown in Fig. 1 except for the provision of certain cut out portions and additional score lines as well as a handle portion. The central portion of the main body member is cut away throughout the area defined by the second and third transverse score lines **12** and **13** and by the second and third longitudinal score lines **20** and **21**. A portion of the body member is also cut away at each end thereof within the area defined by the longitudinal score lines **20** and **21** and extending from the fourth and fifth transverse score lines **17** and **18** to the respective ends **15** and **16** of the body member. It will be seen that the cut out portions and the various score lines define two areas of the main body member each comprising a carrier wall section.

One of the carrier wall sections comprises the area between the two ends **15** and **16** and between one longitudinal edge **26** and the second longitudinal score line **20**. The other carrier wall section is similarly defined by the other longitudinal edge **23**, the third longitudinal score line **21**, and the ends of the body member. The first mentioned carrier wall section is provided with four additional transverse score lines **27**, **28**, **29** and **30**. The score line **27** is positioned intermediate the end **15** of the body member and the fourth transverse score line **17**. Score line **28** is positioned intermediate the second transverse score line **12** and the central transverse score line **11**, while score line **29** is similarly placed between the central transverse score line **11** and the third transverse score line **13**. Score line **30** is positioned intermediate the fifth transverse score line **18** and the other end **16** of the body member.

It will be seen, accordingly, that the various transverse score lines divide the first mentioned carrier wall section into a side wall panel **31** having two end wall panels **32** and **33** at one end thereof as well as two similar end wall panels **34** and **35** adjacent the other end of the panel. The end wall panel **35** is connected along the

central transverse score line **11** to the corresponding and successive end wall panels **36** and **37** and another side wall panel **38** having end wall panels **39** and **40** at the other end thereof. The second mentioned carrier wall section defined by the longitudinal score line **21** and the longitudinal edge **23** (which is not provided with transverse score lines corresponding to the lines **27**, **28**, **29** and **30**) is divided by its various score lines into a side wall panel **41** having end wall panels **42** and **43**, the end wall panel **43** being joined along the central transverse score line **11** to a corresponding end wall panel **44** of a second side wall panel **45** having another end wall panel **46** at the other end thereof. The remaining portions of the body member between the second and third longitudinal score lines **20** and **21** form, in cooperation with the central longitudinal score line **19**, gusset-shaped carrier bottom panels which connect together the side wall panels **31** and **41** and the side wall panels **38** and **45**.

The other features of the carrier blank shown in Fig. 2, and which I have found to be advantageous but not essential, comprise a handle portion, a handle reinforcing flap, certain cutout features associated with the central transverse score line **11**, and divider strips. The handle structure shown in Fig. 2 comprises a panel **25** integrally formed as a projection of the carrier side wall panel **38**. The handle panel is divided by a central score line **47** which is substantially parallel to the longitudinal score lines of the main body member. The two halves of the handle panel **25** are provided with conventional handle cutouts **48** and **49**, and the outermost end of the handle panel is provided with glue tabs **50**. It will be appreciated, of course, that the handle panel need not be formed integrally with the main body member of the carrier blank. Thus, the handle may comprise a separate structure of paperboard or the like secured to any of the carrier side wall panels. The handle may also be constructed of metal and be capable of sliding downwardly into the carrier so as to eliminate, for convenience in shipping, any projection extending upwardly above the level of the tops of the columnar articles in the carrier.

The handle reinforcing flap comprises a flap **51** projecting from and formed integrally with the carrier side wall panel **31**. In the assembled carrier provided with an integrally formed handle panel as shown in Fig. 2, the flap **51** extends upwardly over and is glued to the portion of the handle panel **25** adjacent the side wall panel **38** and thus provides a double thickness along the line of termination of the extreme end of the folded handle panel.

The cut out portions associated with the central transverse score line **11** facilitate folding the blank flap about this line. Approximately the upper and lower thirds of the adjoining end wall panels **35** and **36** are cut away symmetrically about the central transverse score line **11** as shown at **52** and **53**. Approximately the center third of the central transverse score line **11** joining the end wall panels **43** and **44** of the other carrier wall section is cut in the form of a capital "I" **54** so that the fold about the center third of the score line **11** adjoining the end wall panels **35** and **36** can project through this cut when the blank is folded into its ultimate configuration.

The divider strips shown in Fig. 2, and which are desirable principally when the carrier is to be loaded with bottles, are formed adjacent the longitudinal edge **23** of the body member. Each divider strip **14** is formed by a slit **55** extending in from the longitudinal edge **23**, and normal thereto, with the slit **55** communicating with another slit **56** parallel to the longitudinal edge **23**. The divider strip is further provided with three transverse score lines **57** to permit its being bent into three sections of approximately equal size. The number of divider strips so provided depends upon the number of columnar articles to be held by the assembled carrier, the blank shown in Fig. 2 being provided with four strips in order to divide the assembled carrier into six compartments.

The carrier blank shown in Fig. 2 is folded and assembled as follows. The outermost half of the handle panel **25** is folded upwardly and forward along its central score line **47** and the glue tabs **50** are secured to the face of the carrier side wall panel **38**. The carrier wall section defined by the third longitudinal score line **21** and the longitudinal edge **23** of the body member is folded upwardly about the central longitudinal score line **19** and back upon the other carrier wall section. The divider strips are folded inwardly and are secured at their section

nearest the slit **55** to the corresponding portion of the carrier side wall panels **31** and **38**. The carrier blank at this stage in its assembly is shown in Fig. 3. Adhesive such as glue applied to the end wall panels **33**, **35**, **36** and **40** secures these panels to the corresponding portions of the unscored end wall panels **42**, **43**, **44** and **46**, respectively, of the other carrier wall section.

The partially assembled carrier blank in the form shown in Fig. 3 is then folded by bending the two halves of the blank backwardly about the central transverse score line **11**. As the blank is so bent, the center third of the score line **11** adjoining the end wall panels **35** and **36** projects in the manner of a tongue through the I-shaped cut **54** in the corresponding portion of the central transverse score line **11** adjoining the end wall panels **43** and **44**. The tongue thus holds the folded portions of the blank in alignment during folding, whereas the reception of the tongue by the cut **54** and the provision of the cut out portions **52** and **53** eliminate bulk within the fold along the central transverse score line **11**. The other ends of the blank, brought into juxtaposition by the folding operation, are secured in place by adhesive applied to the glue flap **22**. Adhesive applied to the backs of the carrier side wall panels **31** and **38**, which are also brought into juxtaposition by the folding operation, completes the joining of the blank into its ultimate rigid form. It will be appreciated, by reference to Fig. 4 in which the carrier is shown in its ultimate folded but slightly opened form, that compressive pressure applied against both ends of the folded carrier will cause the carrier to open to the form shown in Fig. 5, the carrier being shown in this figure in its form when slightly less than completely opened.

It will be seen that the collapsible carrier of my present invention, when folded along the central longitudinal score line **19** with the end wall portions adhesively secured together as described in connection with Fig. 3, comprises a carrier blank folded longitudinally thereof so as to form two extended side panels joined together along the fold. The side panels are joined together transversely thereof adjacent each end and adjacent a section thereof substantially intermediate these ends. In this form, the side panels and the connecting fold of each portion of the folded blank between one joined end and the joined intermediate portion form two carrier sections for columnar articles capable of being brought into juxtaposition by folding the one portion around on the other about a fold line extending transversely across the folded blank substantially centrally of the intermediate joined section of the side panels. When the two carrier sections of the longitudinally folded carrier blank are folded as aforesaid about the central transverse score line so as to bring into juxtaposition the two portions of one side panel between the intermediate and end sections thereof, the juxtaposed portions, when adhesively secured to one another, provide a carrier for columnar articles on each side of the joined juxtaposed side panel portions. As pointed out hereinbefore, a handle member for the carrier may be provided in any conventional manner although it is presently preferred to form the handle member as an upward extension of at least one of the juxtaposed side panel portions. The carrier in its folded position is substantially flat so that a large number of the folded carriers can be stacked for transportation and for positioning in an automatic loading machine. The carrier structure is such that when, either by hand or by moving elements of a loading machine, the extreme ends of the folded carrier are pressed toward one another, the folded carrier will open so as to expose the two carrier portions, one on each side of the juxtaposed side panel portions. This carrier structure, instead of being formed from a paperboard blank such as that described and claimed herein, may be formed from a kraft paper blank such as that described and claimed in my copending application Serial No. 232,784 which issued as Patent No. 2,615,612.

It will be appreciated that the various score lines in and adjoining the end wall panels of both carrier wall sections tend to resist bending and thus impart resilient resistance to the opening of the carrier. This resistance causes the carrier side wall panels to bear against columnar articles inserted therebetween so as to hold them in place, whereas the tendency of the end wall panels to resist being folded flat causes these panels to form a buffer for the articles adjacent the ends of the carrier. Moreover, this same tendency of the carrier to revert to its

folded condition causes the bottom gusset panels formed between the longitudinal score lines **19**, **20** and **21** to project downwardly (as shown in Fig. 6) and thus act as a protective buffer for the columnar articles when the loaded carrier is set down.

I claim:

1. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and further by the second and third longitudinal score lines being cut out, and the areas of the body member defined by the ends thereof and the fourth and fifth transverse score lines, respectively, and further by the second and third longitudinal score lines being cut out, at least one divider strip formed adjacent one longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge.

2. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and further by the second and third longitudinal score lines being cut out, the areas of the body member defined by the ends thereof and the fourth and fifth transverse score lines, respectively, and further by the second and third longitudinal score lines being cut out, the portion of the main body member between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, and at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge.

3. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and further by the second and third longitudinal score lines being cut out, the areas of the body member defined by the ends thereof and the fourth and fifth transverse score lines, respectively, and

further by the second and third longitudinal score lines being cut out, the portion of the main body member between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge, and a carrier handle portion adjoining the main body member.

4. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and further by the second and third longitudinal score lines being cut out, the areas of the body member defined by the ends thereof and the fourth and fifth transverse score lines, respectively, and further by the second and third longitudinal score lines being cut out, and a carrier handle portion formed integrally with the main body member and projecting beyond one longitudinal edge thereof.

5. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and the second and third longitudinal score lines being cut out, the areas of the body member between the ends thereof and the fourth and fifth transverse score lines respectively and further defined by the second and third longitudinal score lines being cut out, the areas defined by the longitudinal edges of the body portion and the second and third longitudinal score lines respectively comprising carrier wall sections each of which is divided into two carrier side panels and adjoining end wall portions by the central transverse score line, the carrier wall section between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, and at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge.

6. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line and having second and third transverse score lines on opposite sides of the central transverse score line and closer thereto than to the ends of the body member, the body member further having fourth and fifth transverse score lines

on opposite sides of the central transverse score line and adjacent but spaced from the ends of the body member, the body member also having a substantially centrally disposed longitudinal score line normal to the transverse score lines and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, the area of the body member defined by the second and third transverse score lines and the second and third longitudinal score lines being cut out, the areas of the body member between the ends thereof and the fourth and fifth transverse score lines respectively and further defined by the second and third longitudinal score lines being cut out, the areas defined by the longitudinal edges of the body portion and the second and third longitudinal score lines respectively comprising carrier wall sections each of which is divided into two carrier side panels and adjoining end wall portions by the central transverse score line, the carrier wall section between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge, and a carrier handle portion formed integrally with the main body member and projecting beyond one longitudinal edge thereof.

7. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line dividing the body member into two portions, the body member having a substantially centrally disposed longitudinal score line normal to the transverse score line and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, a portion of the main body member being cut out between the second and third longitudinal score lines adjacent both ends thereof and adjacent a central portion of the blank intermediate said ends so as to divide each of said sections of the main body member into two carrier wall sections connected together by the remaining portion of the main body member between the second and third longitudinal score lines, each carrier wall section being connected to the corresponding wall section of the other portion of the main body member along the central transverse score line, the main body member being further provided with second and third transverse score lines on opposite sides of the central transverse score line and substantially aligned with the ends of the central cut out portion of the main body member, fourth and fifth transverse score lines respectively adjacent the ends of the body member and substantially aligned with the inner ends of the end cut out portions of the main body member, the carrier wall section between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, and at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit extending from and normal to said edge and a communicating slit parallel to said edge.

8. A blank for a collapsible carrier for columnar articles and the like comprising a blank of substantially rigid sheet material having a substantially rectangular main body member, the body member having a substantially centrally disposed transverse score line dividing the body member into two portions, the body member having a substantially centrally disposed longitudinal score line normal to the transverse score line and having second and third longitudinal score lines on opposite sides of the central longitudinal score line, a portion of the main body member being cut out between the second and third longitudinal score lines adjacent both ends thereof and adjacent a central portion of the blank intermediate said ends so as to divide each of said sections of the main body member into two carrier wall sections connected together by the remaining portion of the main body member between the second and third longitudinal score lines, each carrier wall section being connected to the corresponding wall section of the other portion of the main body member along the central transverse score line, the main body member being further provided with second and third transverse score lines on opposite sides of the central transverse score line and substantially aligned with the ends of the central cut out portion of the main body member, fourth and fifth transverse score lines respectively adjacent the ends of the body member and substantially aligned with the inner ends of the end cut out portions of the main body member, the carrier wall section between the second longitudinal score line and the nearer longitudinal edge of the body member being further provided with a transverse score line between one end and the fourth transverse score line, between the second and central transverse score lines, between the central and third transverse score lines, and between the fifth transverse score line and the other end, at least one divider strip formed adjacent the other longitudinal edge of the body member on each side of the central transverse score line by a slit normal to said edge and a communicating slit extending from and parallel to said edge, and a carrier handle portion formed integrally with the main body member and projecting beyond one longitudinal edge thereof.

9. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, a central partition member comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, and a bottom panel of sheet material extending from the lower edge of each side wall panel to the lower edge of the centrally secured portions of the central partition panels.

10. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, a central partition member comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, a bottom panel of sheet material extending from the lower edge of each side wall panel to the lower edge of the centrally secured portions of the central partition panels, and at least one divider strip connected between the central partition member and each side wall panel.

11. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, a central partition mem-

ber comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, a handle member formed as a vertical extension of the partition member, and a bottom panel of sheet material extending from the lower edge of each side wall panel to the lower edge of the centrally secured portions of the central partition panels.

12. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, and a central partition member comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, a handle member formed as a vertical extension of the partition member, a bottom panel of sheet material extending from the lower edge of each side wall panel to the lower edge of the centrally secured portions of the central partition panels, and at least one divider strip connected between the central partition member and each side wall panel.

13. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, a central partition member comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, and a bottom panel of sheet material formed integrally with and extending between the lower edge of each side wall panel and the lower edge of the centrally secured portion of the proximate central partition panel.

14. A collapsible carrier for columnar articles and the like comprising two oppositely positioned side wall panels of sheet material, two oppositely positioned end wall panels of sheet material each provided with a substantially centrally and vertically disposed fold line, the lateral edges of the end wall panels being joined to the lateral edges of the side wall panels, a central partition member comprising two panels of sheet material adhesively secured together adjacent the central portion thereof which forms a longitudinal central partition for the carrier, each of the partition member panels separably extending beyond both ends of said centrally secured portion in the form of a connecting panel which is hingedly connected both to the end of said centrally secured portion of the partition panel along a vertical fold line adjacent said end and to the proximate portion of each end wall panel approximately midway between its central fold line and its proximate lateral edge along a vertical fold line joining the connecting panel and a glue flap formed integrally therewith, the glue flap being adhesively secured to said end wall panel, at least one of the central partition panels being provided with an integrally formed and upwardly extending projection forming a handle member for the carrier, and a bottom panel of sheet material formed integrally with and extending between the lower edge of each side wall panel and the lower edge of the centrally secured portion of the proximate central partition panel.

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