Aug. 14, 1962 W. P. FRANKENSTEIN 3,049,280

BOXES OR CARTONS

Filed June 8, 1959 4 Sheets-Sheet 1

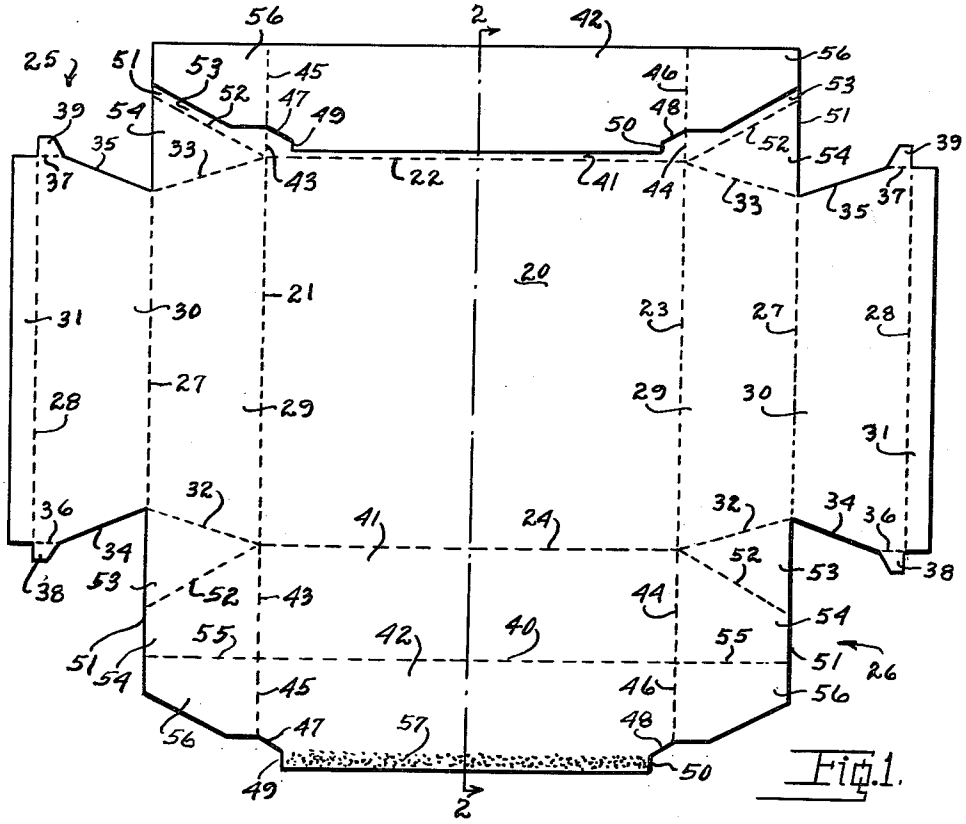


Fig. 1.

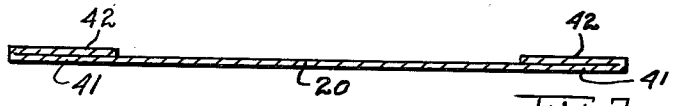


Fig. 2.

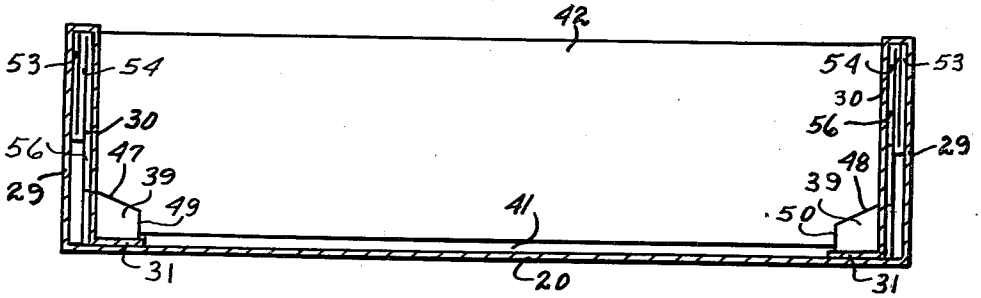


Fig. 5.

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BOXES OR CARTONS

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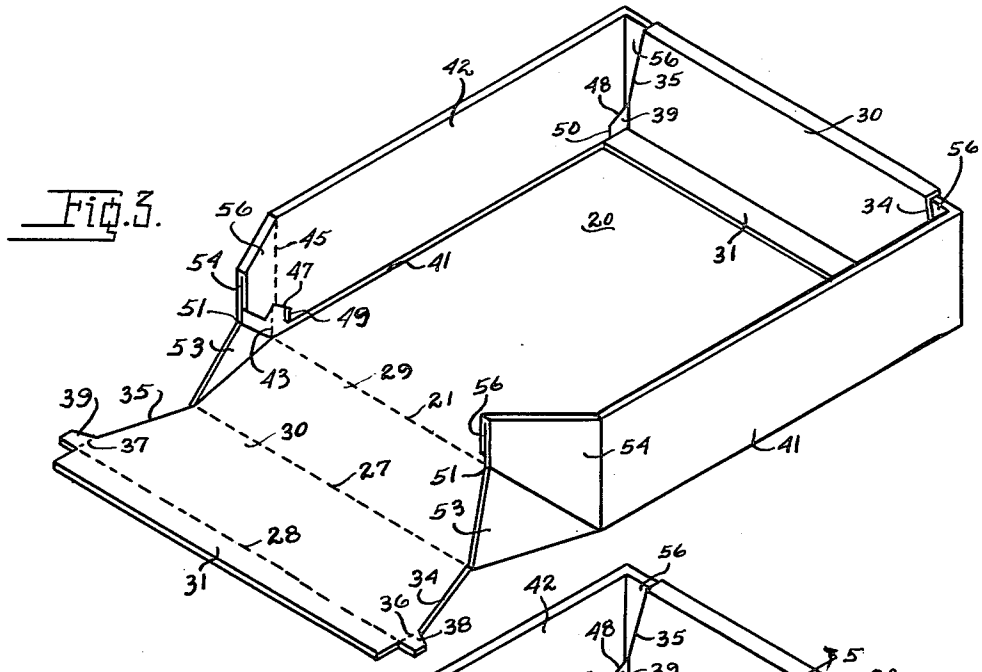


Fig. 3.

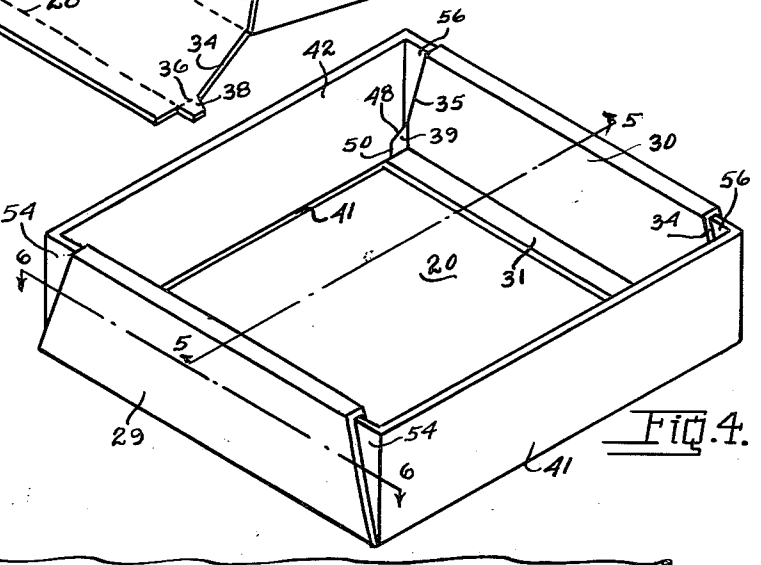


Fig. 4.

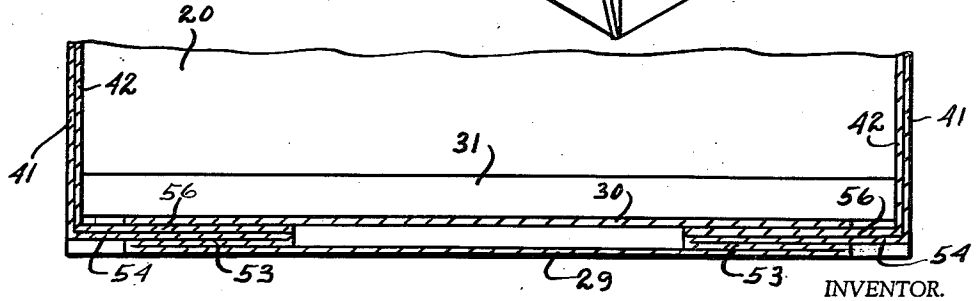


Fig. 6.

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BOXES OR CARTONS

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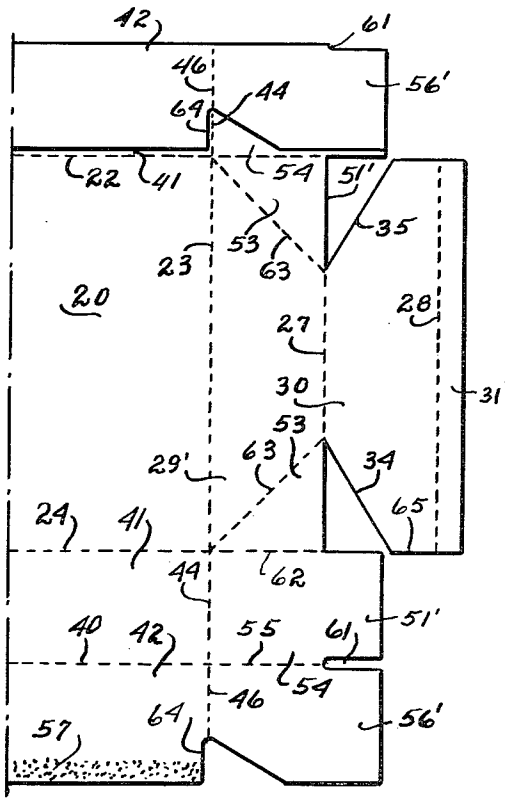


Fig. 9.

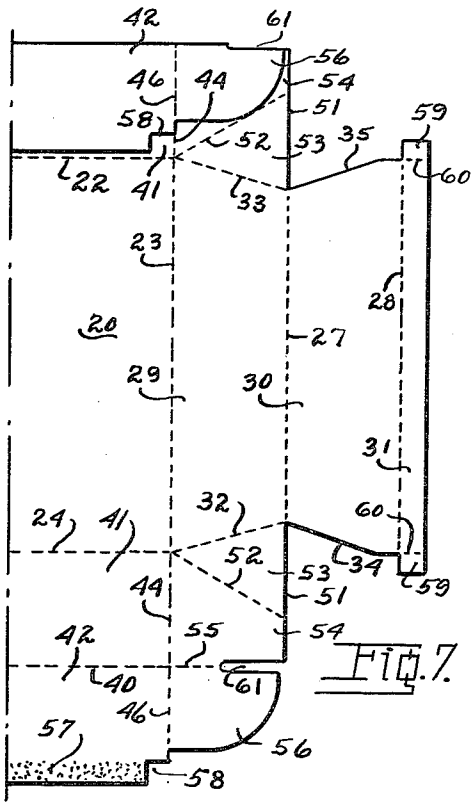


Fig. 7.

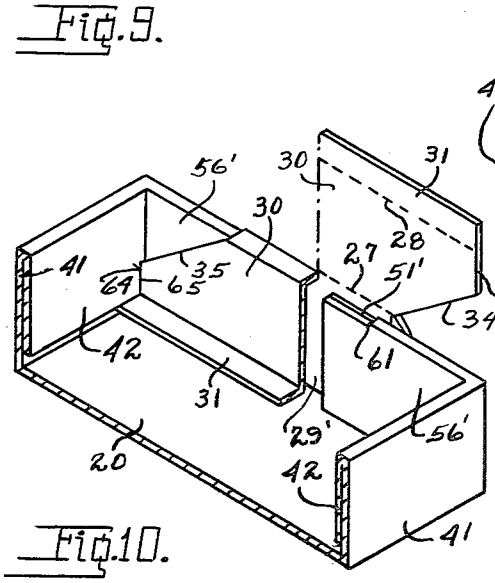


Fig. 10.

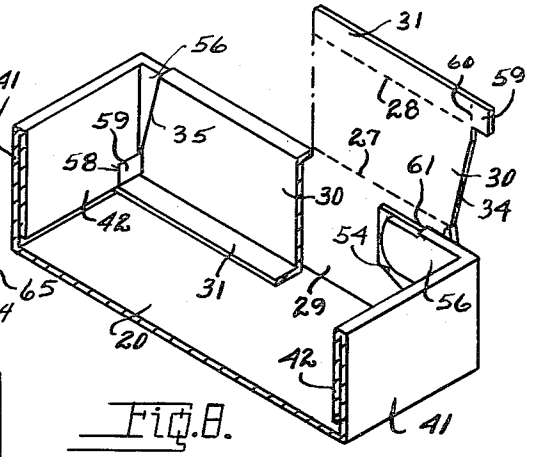


Fig. 8.

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BOXES OR CARTONS

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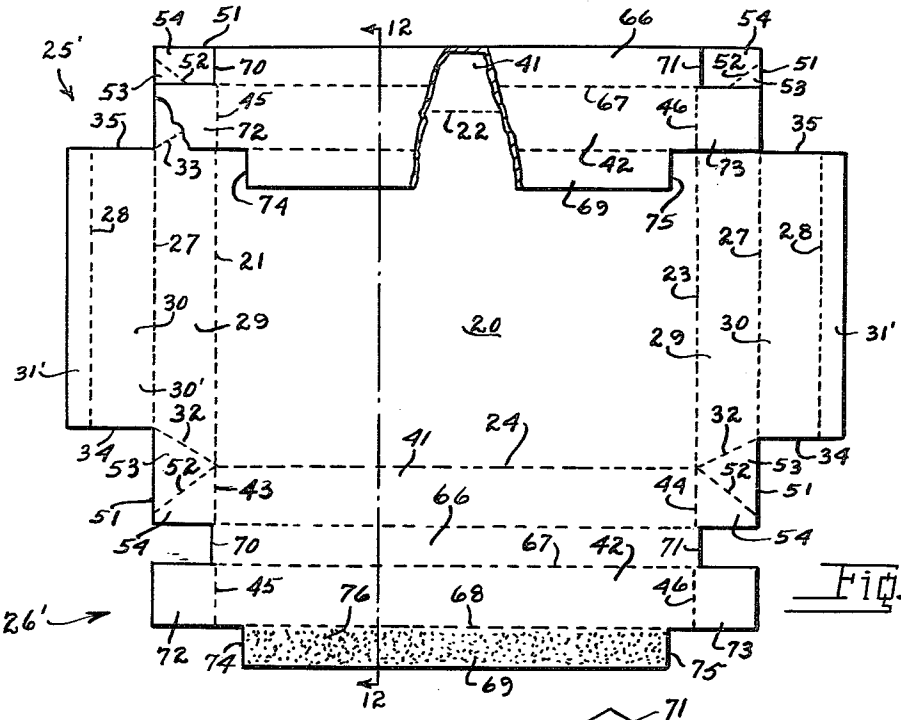


Fig. 11.

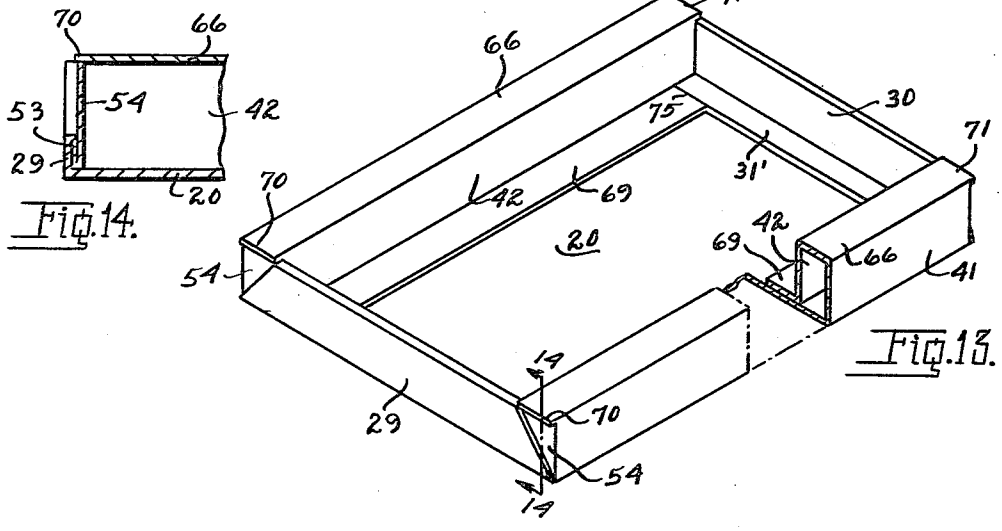


Fig. 14.

Fig. 13.

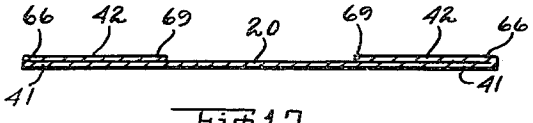


Fig. 12.

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United States Patent Office 3,049,280 Patented Aug. 14, 1962

3,049,280

BOXES OR CARTONS

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Filed June 8, 1959, Ser. No. 818,918
4 Claims. (Cl. 229—31)

This invention relates to improvements in boxes or cartons and particularly boxes or cartons of the knocked-down variety, that is, boxes or cartons that are supplied to the user in a flat or extended condition and may be readily erected by the user.

Boxes or cartons are generally provided in two forms, either as fully erected, that is rigidly set up, or in a knocked-down condition, that is, in a condition whereby a user may erect the same and then lock the erected carton generally, without the use of extraneous fastening means.

Erected cartons are frequently provided with a covering material, sometimes called the printed label, which may take the form of paper or foil and the said covering material is applied, as either what is known as a "loose wrap" or a "tight wrap." In each instance the covering material is applied to the box itself and which box is generally made of cardboard quite stiff by comparison with the said covering material. By "tight wrap" is meant that the covering material is applied by adhesive throughout its area to the main panel and upstanding wall panels and with an edge or marginal portion inturned inwardly of the said upstanding wall panels. The said covering material of the wall panels in a "tight wrap" construction extends to the lateral ends or edges of the said wall panels and is co-incident therewith. By "loose wrap" is meant that the covering material, or label, while completely covering the box, per se, is applied through adhesive only along the edges of the covering material or label and which covering material or label edges are inturned on the upstanding walls free edges. In the "loose wrap" construction the lateral end edges of the covering material on one or more, generally two opposed, upstanding wall panels, converge on one another thereby giving the appearance that said covering material on said wall is folded over the upper or free edge of the said wall.

The so called, "loose wrap" therefore gives a pleasing and artistic appearance to the said walls of the box or carton that is not present in the "tight wrap" box or carton.

In the so called "tight wrap" and "loose wrap" constructions the inturning of the edges of the covering material provides a finished edge to the upstanding walls of the finished set up stiff or rigid boxes. In the "loose wrap" construction the adhesive is generally applied to the edge of the said covering material, or printed label, through a stencil and whereupon the said covering material is folded around the box main panel and upstanding side walls. This operation is quite laborious and costly wherefore it is used only on boxes that enclose costlier goods in order to justify the expense thereof.

By the present invention there is produced a box or carton that may be folded or erected to give the same effect as the heretofore known "loose wrap" boxes or carton, however, due to applicant's usual construction the said box or carton can be produced much more economically than the heretofore known "loose wrap" box or carton and applicant's box or carton can be readily erected either manually or automatically by machine.

The principal object of the present invention is, therefore, the provision of a knocked-down box wherein the walls of the box may be set up and locked in their set up positions to give an effect similar to the effect of the heretofore known "loose wrap" set up stiff or rigid box.

Another object of this invention is the provision of a knocked-down box or carton which can be set up with the same ease and facility that the knocked-down boxes or cartons as heretofore known and which gave the appearance of the so called "tight wrap" set up boxes or cartons.

It is also an object of this invention to provide a box or carton for accomplishing the foregoing objects which may be produced and acquired as economically as any heretofore known knocked-down box or carton.

The invention as herein disclosed and described is specifically illustrated in connection with rectangular boxes having two opposed walls formed for accomplishing the above objects. It is to be understood that the invention has application, with equal facility, to boxes or cartons that are triangular, hexagonal or octagonal in plan, as well as boxes or cartons having any number of upstanding walls.

Other objects and advantages of the present invention should be readily apparent by reference to the following specification considered in conjunction with the accompanying drawings forming a part thereof and it is to be understood that any modifications may be made in the exact structural details there shown and described, within the scope of the appended claims, without departing from or exceeding the spirit of the invention.

In the drawings:

FIG. 1 is a blank partly finished in its knocked-down condition and partly extended embodying the principles of the present invention.

FIG. 2 is a transverse sectional view through a fully knocked-down box or carton of the present invention as would be seen from line **2—2** on FIG. 1.

FIG. 3 is a perspective view of a partially erected box or carton from the knocked-down blank of FIG. 1.

FIG. 4 is a perspective view of a fully erected carton from the said knocked-down blank of FIG. 1.

FIG. 5 is an enlarged longitudinal sectional view through the erected carton as seen from line **5—5** on FIG. 4.

FIG. 6 is an enlarged, fragmentary, horizontal, sectional view through an end of the erected box or carton as seen from line **6—6** on FIG. 4.

FIG. 7 is a view similar to FIG. 1 of a portion of a blank disclosing modifications in said blank.

FIG. 8 is a perspective view of the blank portion of FIG. 7 in partially erected condition.

FIG. 9 is a view of a portion of a blank similar to FIG. 7 but disclosing a further modification in said blank.

FIG. 10 is a view similar to FIG. 8 illustrating the portion of the blank of FIG. 9 in its erected condition.

FIG. 11 is a view similar to FIG. 1 of a blank partially in its knocked-down condition and partially in its extended condition and which blank discloses modifications of FIGS. 1, 7 and 9.

FIG. 12 is a sectional view through a fully knocked-down carton of FIG. 11 as would be seen from line **12—12** on said FIG. 11.

FIG. 13 is a perspective view of a fully erected carton from the knocked-down blank of FIG. 11.

FIG. 14 is an enlarged, fragmentary, sectional view through a corner of the erected carton as seen from line **14—14** on FIG. 13.

Throughout the several views of the drawings similar reference characters are employed to denote the same or similar parts.

As will be noted from the above there is herewith disclosed several modifications of boxes or cartons each including the principles of the present invention and said modifications will be specifically described in so far as they differ one from the other.

The modification disclosed in FIGS. 1 to 6, inclusive, comprises a substantially rectangular blank including a substantially rectangular central or main panel **20** having its lateral edges defined by score or fold lines **21**, **22**, **23** and **24**. For convenience in description the score or fold line **21** and **23** will be defined as the ends of the resulting box or carton and said score or fold lines each integrally, hingedly connect with the main or bottom panel an extension **25** which, as will later be made clear, are similar in all respects and form the end walls for the box or carton. The score or fold lines **22** and **24** will hereinafter be defined as the sides of the box or carton and respectively integrally, hingedly connect with the main panel **20** similar extensions **26** which form the side walls of the box or carton. It should be understood that end walls generally refer to walls of less length than the remaining walls which are generally designated as side walls or even front and back walls but this nomenclature may be reversed without detracting from the invention or disclosure herein.

Since the end wall forming extensions **25** are each similar to the other it is deemed sufficient if but one of them be described. Said end wall extension has extending longitudinally thereof a pair of score or fold lines **27** and **28** thereby forming in the extension panels **29**, **30** and **31**. The panel **29**, in the erected box or carton, forms the major portion of the end wall outer wall member and has its lateral edges defined by converging score or fold lines **32** and **33**. The panel **30** forms the end walls inner wall member and has its lateral edges formed, in the main, by diverging cut lines **34** and **35** which terminate in relatively short parallel score or fold lines **36** and **37**. The remaining panel **31** of the extension forms in the erected carton a creeper or locking flap.

It will be noted from FIG. 1 that the end wall outer wall member or panel **29** has a length equal to a corresponding distance on the main panel **20** and which distance is represented by the score or fold line **21**. The said outer wall member **29** has its lateral ends defining score or fold lines **32** and **33** converging wherefore the other edge of the panel **29** is of less length as represented by the score or fold line **27** and compared with the score or fold line **21**. The end wall inner wall member has its lateral edges **34** and **35** diverging to the score or fold lines **36** and **37** and which are spaced from one another a distance substantially equal to the length of the outer wall member major dimension as represented by the score or fold line **21**. The panel or combined creeper and locking flap **31** has its lateral ends as extensions of the score or fold lines **36** and **37** wherefore it has a length substantially equal to the outer wall member major length as represented by the score or fold line **21**.

The end wall or panel **30** through its lateral edges score or fold lines **36** and **37** has integrally, hingedly connected therewith locking lugs **38** and **39**.

Since the side walls extensions are similar in all respects it is deemed sufficient if but one of them be defined in detail. Accordingly the extension **26** is provided longitudinally thereof with a score or fold line **40** forming in the extension a pair of panels **41** and **42**. In the erected carton the panel **41** forms the said side wall outer wall member and has its ends defined by score or fold lines **43** and **44** which, in effect, are continuations of the end score or fold lines **21** and **23**. The panel **42**, in the erected carton, forms the side wall inner wall member and it has its lateral ends formed, in the main, but the score or fold lines **45** and **46** which, in effect, are continuations of the score or fold lines **43** and **44** and therefore the score or fold lines **21** and **23**. The said side wall inner wall member or panel **42** has its outer corners removed thereby providing said wall member at its said outer corners with notches that includes biased or inclined portions **47** and **48** and right angular shoulder portions **49** and **50**.

The lateral ends of the end walls outer wall members

or panels **29** and the side walls outer wall members or panels **41** have between them a corner piece **51** which is provided with an angular score or fold line **52** thereby providing in the corner piece a portion **53** integrally, hingedly connected with the end wall outer wall member **29** through the score or fold line **32** or **33** while a second portion **54** of said corner piece **51** is integrally, hingedly connected with the side wall outer wall member **41** through its lateral end score **43** or **44**.

The said portion **54** of the corner piece **51** has integrally hingedly connected with its free end, through a score or fold line **55**, an edge finishing flap **56** which is further integrally, hingedly connected with the lateral end of the side wall inner wall member or panel **42** through the end score or fold line **45** or **46** thereof.

After the blank has been cut and scored as above set forth, the side walls inner wall members or panels **42**, inwardly of its outer edge, is provided with a band of adhesive, such as illustrated at **57**, whereupon the said side walls inner wall members or panels **42** along with the edge finishing flaps **56** are folded on the score or fold lines **40** and **55** for superimposing the parts on one another as clearly illustrated in the upper portion of FIG. 1 and pressure is applied to insure proper adhesive connection of the side walls inner and outer wall members.

The blank is now in its carton knocked-down position ready for shipment to a user and with such knocked-down blank being as illustrated, in cross section, in FIG. 2.

The user in desiring to set up or erect the box or carton from the knocked-down blank does so by merely raising the side walls from their extended positions as illustrated in FIG. 2 and at the upper end of FIG. 1. This raising of the said side walls causes the portions **53** and **54** of the corner pieces to inwardly and angularly fold with respect to one another on the several score or fold lines **32**, **43** and **52**, as seen, for example, in lower left hand corner of FIG. 1, and as illustrated for said corner, as well as the similar corner at the other end of the end wall, in FIG. 3. The user then raises, sequentially, the end wall extensions **25** to be normal to the main panel **20** and which operation further folds the said corner piece portions **53** and **54** to be superimposed on one another and lie against the inner surface of the end wall outer wall member **29**. The end wall inner wall member or panel **30** is then folded to be interiorly of the box or carton and parallel with its outer wall member **29** and embrace between said inner and outer wall members **30** and **29** the folded corner pieces.

Either prior to or while folding the inner wall member or panel **30** to its final position the creeper flap or panel **31** and the locking lugs **38** and **39** were bent to outward right angle positions with respect to said end wall inner wall member or panel **30**, with said bending being effected on the score or fold lines **28**, **36** and **37**. The inward folding of the said end wall inner wall member **30** was continued until, or at the end of said inward folding operation, the locking lugs **38** and **39** snap into the notches now at the lower corners of the side walls as clearly illustrated in FIG. 3 and which notches, it should be noted, were provided by the angular and vertical cut lines **47—49** and **48—50** respectively at opposite ends of the side walls inner wall members or panels **42**. In order to effectively lock the parts in these positions the said locking lugs **38** and **39** are each provided with portions to cooperate with the above noted biased or inclined and vertical faces of the side wall inner wall members corner notches.

Due to the angular cut ends **34** and **35** of the end wall outer wall member or panel **30** the said lateral ends of the end wall outer wall member converge, as clearly illustrated in FIG. 4, with the space between said converging lateral edges of the end wall outer wall member and the adjacent vertical edges of the side walls

being spanned by the folded corner pieces portions **53** and **54** particularly the corner piece portion **54** which has its surface, and being the same surface of the blank as the end wall outer wall member, exposed.

It will be noted that it is the upper edge of the said corner piece portion **54** that would be exposed but since this portion of the corner piece has integrally, hingedly connected therewith the flap **56**, and which is inwardly folded upon the inward folding of the side walls inner wall members or panels **42**, the said exposed edge of the corner piece portion **54** is given a finished appearance the same as the free edges of the erected side walls. In addition the flap **56** adds strength and stability to the corners of the box or carton.

It is believed obvious from the foregoing that the end wall of the box or carton with its finished converging lateral edges is provided with an end wall of considerable attractiveness as compared with folding boxes or cartons as heretofore known and employed.

The modification illustrated in FIGS. 7 and 8 is concerned with disclosing a slighly different means for locking the walls in their erected positions and consists in providing the side walls outer wall members **42** with a rectangular notch **58** which has the edges thereof at right angles to one another instead of angularly related as illustrated in FIG. 1 and above described. Further the modification in FIGS. 7 and 8 discloses the locking lugs **59** as integrally, hingedly connected through a score or fold line **60** with the creeper flap or panel **31** instead of having the said locking lugs on the end wall inner wall member or panel **30**. Further since it is necessary that the upper end of corner piece portion **54** have a finished edge only for that portion which is exposed outwardly of the end wall outer wall member or panel **30**, the score or fold line **55**, connecting with said corner piece portion **54** the flap **56**, is illustrated as stopping short of the outer end of these parts and with a notch **61** which partially severs the corner piece portion **54** and edge finishing flap **56** from one another.

This construction somewhat reduces the bulkiness of the parts since it removes the material immediately beneath the score or fold line **27** between the end walls inner and outer wall members or panels **29** and **30**. The resulting box or carton from the blank of FIG. 7 is substantially identical with that from the blank of FIG. 1.

The modification illustrated in FIGS. 9 and 10 while resulting in a box or carton having the general appearance, utility and appeal of those above described affords somewhat greater rigidity and strength to the end walls. This result is attained by forming the side wall inner wall member or panel edge finishing or end flap **56'** of a height substantially equal to the height of said side wall inner wall member or panel **42**. By this construction and upon the erection of the box or carton said edge finishing flap **56'** extends the full height of the end wall as clearly illustrated in FIG. 10. Furthermore the construction illustrated in FIG. 9 provides a corner piece **51'** that is devoid of an angular score or fold line such as **52** above. Instead the said corner piece **51** is provided with a score or fold line **62** which is an extension of the carton side folds **22** or **24** and with the end wall outer wall member or panel **29'** having formed therein a score or fold line **63** that converges from the lower outer corners and at an angle of approximately 45 degrees.

This construction, therefore, provides a box or carton whose end walls outer wall members have lateral edges that converge and at the same time the said end walls are reinforced by substantially full height tucking flaps.

The modification illustrated in the construction in FIGS. 9 and 10 further discloses a different method or manner of locking the walls in erected positions. As illustrated, the lateral ends of the side walls inner wall members are slightly inset, as at **64**, for thereby providing in the erected

box or carton an inset shoulder at the lower inner corners of the side walls inner wall members. To cooperate with said shoulders use is made of the vertical lateral edges **65** of the end walls outer wall members without using locking lugs of any description as above set forth.

The erection of the box or carton from the blank of FIG. 9 is substantially identical with that above set forth and the resulting box or carton is again substantially identical in appearance, utility and with greater strength, particularly at the corners.

The modification illustrated in FIGS. 11 to 14, inclusive, discloses the invention as applied to a box or carton having hollow side walls while in each of the foregoing modifications the said side walls were of double thickness.

Accordingly, as illustrated in FIG. 11, the side walls extensions are each provided between the outer walll member or panel **41** and the inner wall member or panel **42** with a panel **66** which in the erected carton or box forms a side wall top wall member, having its one longitudinal edge connected with the outer wall member or panel **41** through a score or fold line **40** and its other longitudinal edge connected with the inner wall member or panel **42** by a score or fold line **67**. In addition the said inner wall member or panel **42** has connected therewith, through a score or fold line **68**, a panel **69** which in the erected carton acts as a glue flap for securing the inner wall member lower edge to the main panel as will presently be made clear.

Each of the said side walls inner and outer wall members have their lateral edges defined by score or fold lines that are, substantially, extensions of the main panel end score or fold lines **21** and **23** while the top wall member or panel **66** has its ends defined by cut lines **70** and **71**, and said top wall member or panel **66** has an effective length slightly greater than that of its adjacent wall members.

A corner piece **51'** is provided between the adjacent ends of the side wall outer wall member or panel **41** and the end wall outer wall member or panel which to all intents and purposes is similar to the corner piece **51'** illustrated in connection with the blank in FIG. 1. A tucking flap **72** and **73** is, respectively, integrally, hingedly connected to opposite ends of the inner wall member panel **42** of each side wall extension through the end defining scores or fold lines **45** and **46**.

The end wall extensions **25'** are similar to those disclosed in FIG. 1 except that the inner wall member or panel **30'**, of each said extension, has its ends normal to its longitudinal axis since they are disposed between the inwardly spaced inner wall members of the modified box or carton.

It should be noted that each of the panels or glue flaps **69** is of less length than the inner wall members or panels **42** wherefore each of said panels **69** has its ends **74** and **75**, respectively, inwardly spaced from the main panel ends **21** and **23** and upon erection the said ends act as shoulders behind which the end wall extension locking panels **31'** engage as clearly illustrated in FIG. 12.

In practice the blank of FIG. 11 after having been cut and scored has adhesive **76** applied to the panel or glue flap **69** whereupon the panels **66**, **42** and **69** are inwardly folded to adhesively secure the glue flap **69** to the main panel **20** as illustrated at the upper end of FIG. 11. The blank is now in its knocked-down position for shipment to the user for erection by him.

The user in erecting the knocked-down blank of FIG. 12 follows substantially the same steps as in erecting the knocked-down blank of FIGS. 1 and 2 and the mere raising of the knocked-down side walls automatically positions the members thereof in spaced apart relation, as illustrated in FIG. 13. The said raising of the side walls positions the corner pieces similar to the arrangement thereof as illustrated in FIG. 3 so that upon the raising of the end wall extensions the said corner pieces are folded on them-

selves and enfolded between the end walls inner and outer wall members.

While the said corner piece 51' may be provided with a finishing flap, similar to the said finishing flap 56 of FIG. 1, it might be difficult to properly inturn such a flap. In order, therefore, to provide a finished edge for the end wall the said upper edge of corner piece portion 54 is disposed beneath the extending ends 70 and 71 of the side walls top wall members as clearly illustrated in FIG. 14.

It will be noted that the score or fold lines 32 and 33, defining the lateral edges of the end walls outer wall members, may be formed at different degrees of inclination which will result in a greater or lesser angle between the converging lateral ends of said end wall outer wall member. The only consideration necessary in this matter is that the angle of inclination be not such that the upper edges of the corner pieces have their inner corner fully enfolded by the end walls inner and outer wall members for insuring the locking of the parts in their erected positions.

What is claimed is:

1. In a carton of the class described comprising a substantially rectangular main panel, side walls upstanding from two opposed edges of said main panel and each side wall including an inner and an outer wall member with each of said wall members substantially rectangular in area, an end wall upstanding from each of the remaining edges of the main panel each including an inner and an outer wall member, said end walls outer wall members each having its lateral edges converging whereby said end walls outer wall members have their upper edges of less length than their lower edges, a corner piece integrally, hingedly connected with adjacent lateral edges of the side and end walls outer wall members, said corner pieces each having therein a diagonal score line thereby providing in each corner piece a pair of portions respectively, integrally, hingedly connected with adjacent end wall outer wall member and side wall outer wall member and which corner piece portions are folded on themselves and disposed parallel to the end walls and with said corner piece portion of each corner piece between the diagonal score line and the side wall outer wall member of a generally triangular configuration and of an area to span the space between the adjacent lateral edges of the end wall outer wall members and side wall outer wall members, an edge finishing flap integrally, hingedly connected with said space spanning portion of each corner piece of a configuration to be within the configuration and an area no greater than the area of said space spanning cover piece portion to depend interiorly of the carton and provide a finished appearance to the exposed edge of said space spanning corner piece portion, and means carried by the side and end walls inner wall members for locking the walls in their erected positions comprising notches at the lower corners of the side walls inner wall members and locking lugs on the lower corners of the end walls inner wall members disposed in said side walls inner wall members notches.

2. In a carton of the class described comprising a substantially rectangular main panel, side walls upstanding from two opposed edges of said main panel and each side wall including an inner and an outer wall member with each of said wall members substantially rectangular in area, an end wall upstanding from each of the remaining edges of the main panel each including an inner and an outer wall member, said end walls outer wall members each having its lateral edges converging whereby said end walls outer wall members have their upper edges of less length than their lower edges, a corner piece integrally, hingedly connected with adjacent lateral edges of the side and end walls outer wall members, said corner pieces each having therein a diagonal score line thereby providing in each corner piece a pair of portions respectively, integrally, hingedly connected with adjacent end wall outer wall member and side wall outer wall member and which corner piece portions are folded on themselves and disposed parallel to the end walls and with said corner piece portion of each corner piece between the diagonal score line and the side wall outer wall member of a generally triangular configuration and of an area to span the space between the adjacent lateral edges of the end wall outer wall members and side wall outer wall members, an edge finishing flap integrally, hingedly connected with said space spanning portion of each corner piece of a configuration to be within the configuration and an area no greater than the area of said space spanning cover piece portion to depend interiorly of the carton and provide a finished appearance to the exposed edge of said space spanning corner piece portion, and means carried by the side and end walls inner wall members for locking the walls in their erected positions comprising notches at the lower corners of the side walls inner wall members a creeper flap on each of said end walls inner wall members, and a locking lug carried by one of said end wall inner wall members and creeper flaps disposed in said side wall notch for locking the walls in erected positions.

3. In a carton of the class described comprising a substantially rectangular main panel, side walls upstanding from two opposed edges of said main panel and each side wall including an inner and an outer wall member with each of said wall members substantially rectangular in area, an end wall upstanding from each of the remaining edges of the main panel each including an inner and an outer wall member, said end walls outer wall members each having its lateral edges converging whereby said end walls outer wall members have their upper edges of less length than their lower edges, a corner piece integrally, hingedly connected with adjacent lateral edges of the side and end walls outer wall members, said corner pieces each having therein a diagonal score line thereby providing in each corner piece a pair of portions respectively, integrally, hingedly connected with adjacent end wall outer wall member and side wall outer wall member and which corner piece portions are folded on themselves and disposed parallel to the end walls and with said corner piece portion of each corner piece between the diagonal score line and the side wall outer wall member of a generally triangular configuration and of an area to span the space between the adjacent lateral edges of the end wall outer wall members and side wall outer wall members, an edge finishing flap integrally, hingedly connected with said space spanning portion of the corner piece of a configuration to be within the configuration and an area no greater than the area of said space spanning cover piece portion to depend interiorly of the carton and provide a finished appearance to the exposed edge of said space spanning corner piece portion, and means carried by the side and end walls inner wall members for locking the walls in their erected positions comprising notches at the lower corners of the inner wall members a creeper flap on each of said end walls inner wall members, and a locking lug integrally, hingedly connected with the lateral ends of each creeper flap for engagement in the side walls inner wall members notches for locking the walls in erected positions.

4. In a carton of the class described comprising a substantially rectangular main panel, side walls upstanding from two opposed edges of said main panel and each side wall including an inner and an outer wall member with each of said wall members substantially rectangular in area, an end wall upstanding from each of the remaining edges of the main panel each including an inner and an outer wall member, said end walls outer wall members each having its lateral edges converging whereby said end walls outer wall members have their upper edges of less length than their lower edges, a corner piece integrally, hingedly connected with each lateral edge of each side wall outer wall member, said corner pieces each being disposed parallel to its end wall and with said corner pieces each including, at least, a portion thereof to span

the space between its side wall lateral edge and the adjacent lateral edge of the end wall outer wall member, an edge finishing flap integrally, hingedly connected with said each corner piece of a length substantially equal to the spanning portion of said space spanning corner piece with said finishing flap depending interiorly of the carton and providing a finishing appearance to the exposed edge of said corner piece spanning portion, and means carried by the side and end walls inner wall members for locking the walls in their erected positions comprising notches at the lower corners of the side walls inner wall members, and locking lugs on the lower corners of the end walls inner wall members disposed in said side walls inner wall members notches.

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