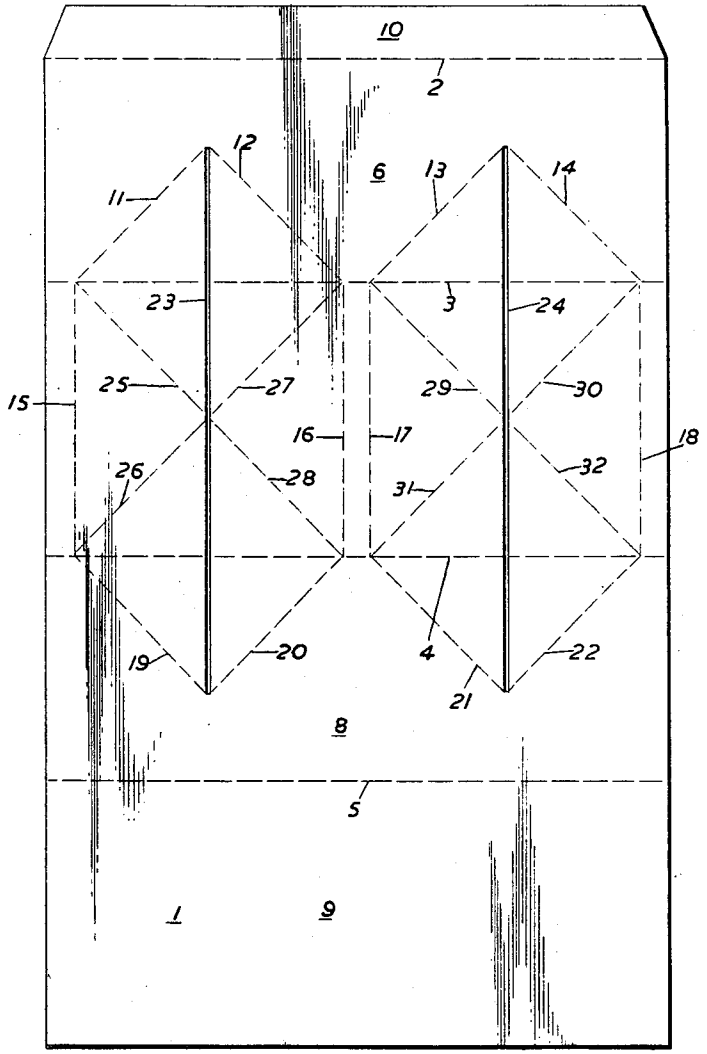
Oct. 5, 1954 M. J. KIRBY 2,690,866

BOX

Filed Aug. 19, 1948 2 Sheets-Sheet 1

FIG. 1.




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BOX

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FIG. 2.

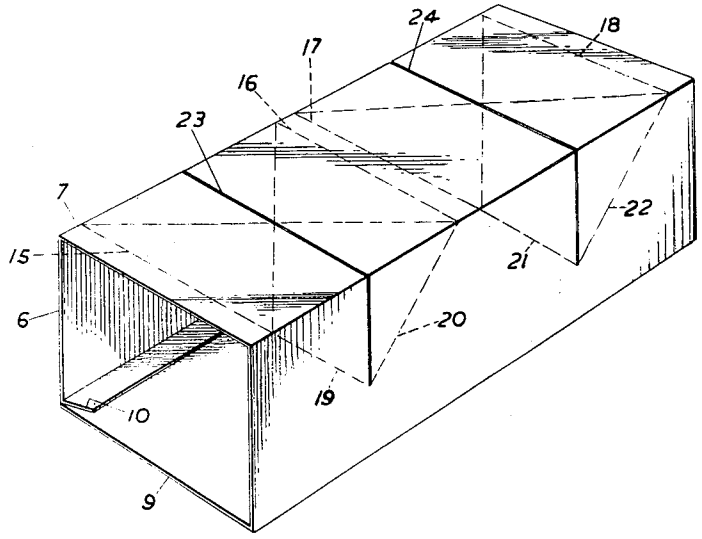
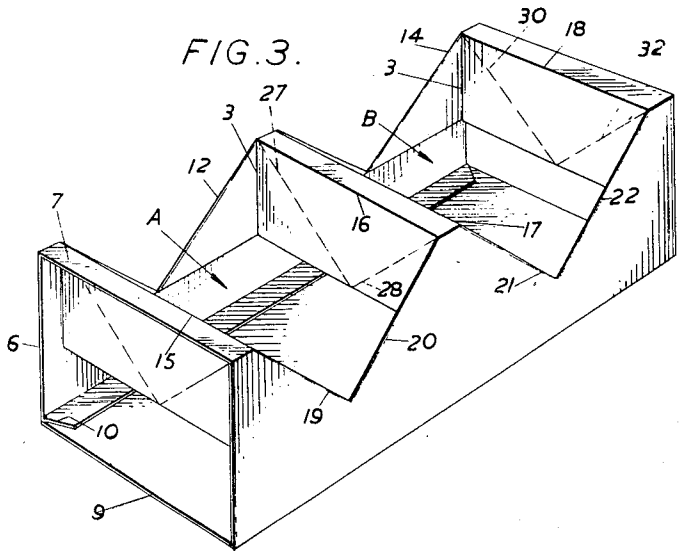



FIG. 3.




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Patented Oct. 5, 1954

2,690,866

# UNITED STATES PATENT OFFICE

2,690,866

## BOX

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Application August 19, 1948, Serial No. 45,079

Claims priority, application Great Britain August 25, 1947

2 Claims. (Cl. 229—28)

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This invention relates to boxes, particularly for boxes of cardboard or the like material and has for its object to provide a box of cardboard or like material containing one or more cells.

The invention will now be described by way of example with reference to the accompanying drawings, wherein:

Fig. 1 shows a blank or strip for forming a box.

Fig. 2 shows the blank after folding into rectangular shape.

Fig. 3 shows the folded blank in Fig. 2 formed into two cells.

As shown in Fig. 1 a blank 1 is provided with scoring or weakening lines 2, 3, 4, 5 so as to enable it to be folded into rectangular shape, as shown in Figs. 2 and 3, with four faces 6, 7, 8, 9, the flap 10 being secured to the face 9. The blank 1 is also scored or weakened along the lines 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22. The blank is also provided with slits 23, 24.

In order to facilitate bending the blank along the scoring or weakening lines 11 to 22 for forming cells, additional scoring or weakening lines are provided at 26, 27, 28, 29, 30, 31, 32.

For forming the box from a blank as above described the blank 1 is bent along the lines 2, 3, 4, 5 so as to form a rectangular structure as shown in Fig. 2, the flap 10 being secured to the face 9. Thereupon the top of the structure thus formed is pressed inwardly so as to cause it to bend along the scoring lines 3, 4, 11, 25, 26, 19 and 15; 3, 4, 12, 27, 28, 20 and 16; 3, 4, 13, 29, 31, 21 and 17; 3, 4, 14, 30, 32, 22 and 18, so as to produce the structure shown in Fig. 3.

The structure shown in Fig. 3 has two cells A, B for receiving an article.

I claim:

1. In a carrier for a plurality of bottles, cans, or similar articles, the structural unit made from a single blank of foldable sheet material, spaced portions of the blank being secured together to form a tubular structure including a plurality of creases between the several constitutent parts of the unit, such parts comprising a bottom, side panels hingedly connected to and upwardly extending from said bottom, and a top structure consisting of webs integral with said side panels and extending from one side panel to the other to form article receiving cells between them, each web having two end portions folded back upon the respective side panel about a diagonal fold line and overlying the side panel on the inside of the cells, said webs further including a central portion intermediate said end portions extending substantially at right angles to said

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bottom and to said end portions from one side wall to the other, the outermost webs of the structure being of single thickness, the intermediate webs being of double thickness, the two thicknesses being folded into back-to-back contact about a fold line forming the ridge of the web, the bottom maintaining the side panels in a set position in which the webs are at right angles to the side panels and said cells are squared.

2. A structural unit for a carrier for bottles, cans, or similar articles, the unit being made of a single blank of foldable sheet material including a plurality of creases between the several constituent parts of the unit, the unit comprising a substantially rectangular bottom, two side walls upwardly extending from said bottom along two spaced parallel bottom crease lines, and a cellular top structure extending between said side walls, the top structure comprising webs hinged to said side walls along diagonal fold lines, the end portions of the webs being folded back upon said side walls about said diagonal fold lines to overlie said side walls on the inside of the cells formed by the webs, an intermediate portion of the webs extending substantially at right angles to said side walls, said bottom and said end portions, the outermost webs of the structure being of single thickness, the intermediate webs being of double thickness, the two thicknesses being folded into back-to-back contact about a fold line forming the ridge of the web, said intermediate portion being maintained in the right angular position by virtue of the side walls being attached to the said rectangular bottom, whereby the cells are maintained squared.

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