

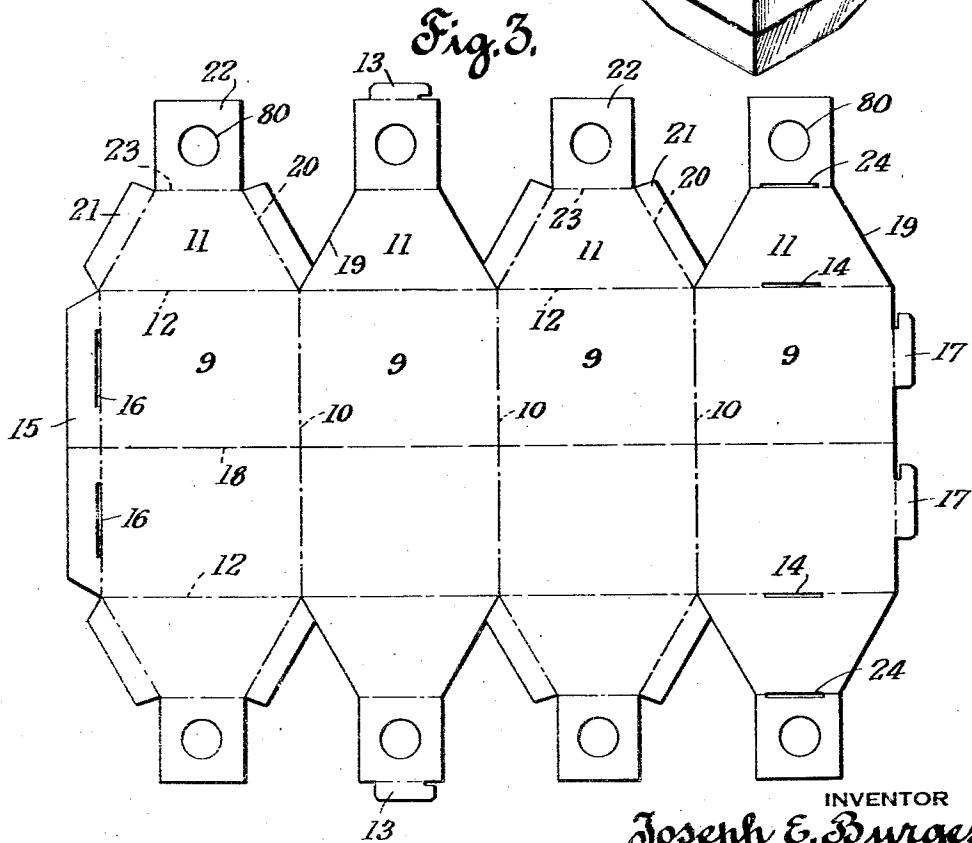
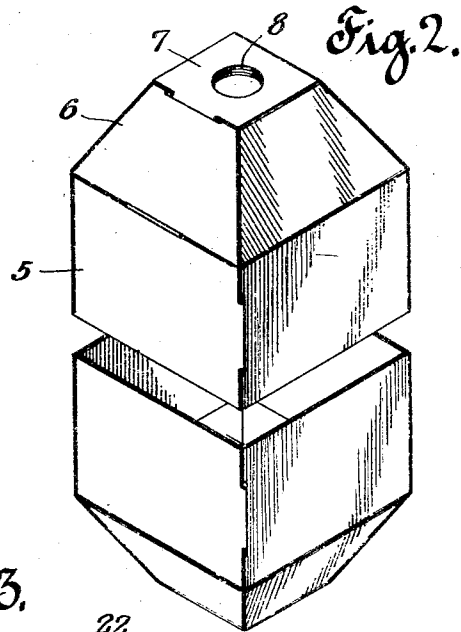
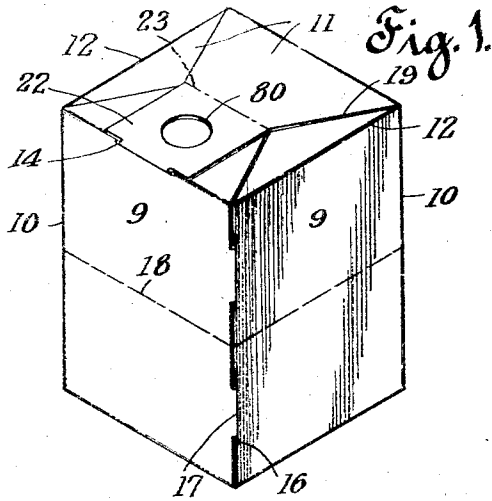
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1,861,206

COMBINED CARTON AND LAMP SHADE

Filed March 16, 1929



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UNITED STATES PATENT OFFICE

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COMBINED CARTON AND LAMP SHADE

Application filed March 16, 1929. Serial No. 347,497.

The object of this invention is to provide a knock down structure made of paper or other suitable material, which will constitute a carton or package in which electric lamp bulbs may be shipped and delivered to the consumer, and which carton, upon being properly opened, will constitute preferably a pair of lamp shades.

In the drawings accompanying this specification, I have illustrated what may be regarded as the preferred form of carrying out my invention, in which drawings,

Figure 1 is a perspective view of a carton formed in accordance with my invention particularly adapted for containing a plurality of electric lamp bulbs.

Fig. 2 is a perspective view showing the carton of Figure 1 divided into two parts and its ends raised from the flat carton position into a position for forming the tapered portion of a lamp shade, and

Fig. 3 is a detail of the cut-out blank from which the carton of Figure 1 and the lamp shades of Fig. 2 are formed.

The ultimate use of the invention is a lamp shade. For the present, reference will be made to the upper of the pair of lamp shades illustrated in Fig. 2. This comprises a body portion 5 having a tapered upper portion 6, and a flat end 7 formed with a central opening 8 through which the screw plug of an electric light bulb may extend for insertion into its socket.

The blank from which the pair of lamp shades illustrated in Fig. 2 are formed, is represented in Fig. 3 and will be assumed to be cut from paper having suitable strength and preferably a certain amount of light transmitting and diffusing qualities.

The blank is designed for forming a carton four-sided or square in cross-section, and for forming lamp shades which are also square or four-sided in cross-section. Each of the portions 9 which form the sides 10 of the box and the sides 5 of the lamp shade are set off one from the other by a series of scorings 10. The portions 11 which form the slanting portions 6 of the lamp shade are set off from these portions 9 by transfer scorings 12 so that when the

blank is folded on the scorings 10 and 12 it will form the carton illustrated in Figure 1. For the purpose of locking the parts in this folded position, hooks 13 are formed on the outer ends of the extension carried by one of the sides which are adapted to enter locking notches 14 cut in the side 9, which will lie opposite that which carries the hooks when the box is in assembled form.

At one side of the blank there is an extension 15 in which there are cut locking slots 16 for the engagement of hooks 17 carried by the opposite side of the blank. These hooks are useful in holding the carton in position and also in holding the lamp shade.

The overall dimension of each of the extensions from the rectangular side portions 9 has a length approximating the distance to the opposite side of the carton, and when the carton is square as in the present illustration, the extension approximates in length the width of the adjacent side.

The blank illustrated is designed for forming one carton and two lamp shades. When the carton has been opened and its contents removed, generally one or a plurality of electric lamp bulbs, it may be opened out and laid flat as in Fig. 3 and severed on the scoring line 18, or it may be severed on such line while in its closed position. In the illustration locking means 16, 17 have been provided on both sides of this line.

The sides 19 of each of the extensions 11 are shown converging and adapted to form a truncated pyramid. Some of these lines 19 are produced by the scoring 20, there being a flap 21 extending outwardly and adapted to be folded down for giving greater security and rigidity to the structure.

The end 22 of each extension is formed to correspond in outline with the cross-sectional outline at the plane of truncation of the pyramid. When this pyramid is square in cross-section, these ends will be square.

In assembling the structure for the lamp shade illustrated in Fig. 2, the ends are bent at the scoring line 23 and are held in their assembled position by the hooks 13 being

inserted in slots 24 formed at the juncture between the end member and converging member of the side located opposite that which carries the hooks.

Each of the ends 22 is furnished with a hole or opening preferably circular and arranged in the center of such end. These holes in the blank are designated 80 and when the blank is properly bent and assembled, all the ends 22 in the present illustration will be overlapping for forming the hole 8 of Fig. 2, through which the plug of the lamp will extend.

Having thus described my invention, I claim and desire to secure by Letters Patent:

1. As an article of manufacture, a box-like body having four rectangular sides, each side having an extension approximating in length the width of the adjacent side and formed for part of its length with converging sides adapted to form a truncated pyramid, and for a further part with straight sides, the straight sided parts being square and circular openings arranged in the centers of the squares.

2. As an article of manufacture, a box-like body having four rectangular sides, each side having an extension having a length approximating the distance to the opposite side, and formed for part of its length with converging sides adapted to form a truncated pyramid, and for a further part formed to correspond in outline with the cross-sectional outline at the plane of truncation, and openings arranged in the centers of these parts.

3. As an article of manufacture, a box-like body having rectangular sides, each side having an extension approximating in length the width of the adjacent side and formed for part of its length with converging sides adapted to form a truncated pyramid, and for a further part with straight sides, the straight sided parts having openings arranged therein.

4. As an article of manufacture, a box-like body having rectangular sides, each side having an extension approximating in length the width of the adjacent side and formed for part of its length with converging sides adapted to form a truncated pyramid and for a further part with straight sides.

In witness whereof, I hereby affix my signature this 13th day of March, 1929.

JOSEPH E. BURGESS.

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