G. A. HUMPHREY.

CONTAINER.

APPLICATION FILED JUNE 14, 1911.

1,007,872. Patented Nov. 7, 1911.

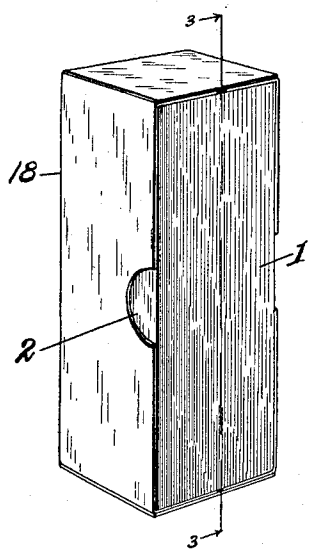


Fig. I.

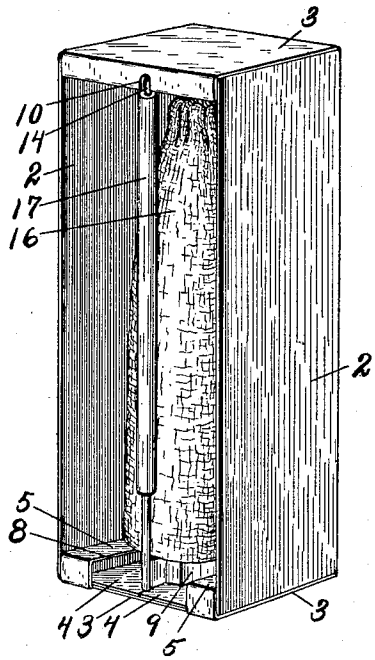
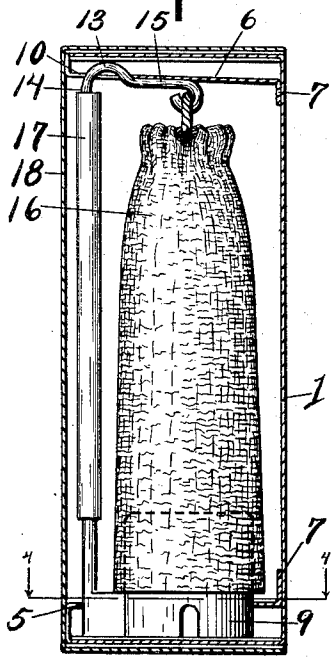


Fig. II.



Witnesses

Fig. III.

M. L. Glasgow.

L. G. Greenfield

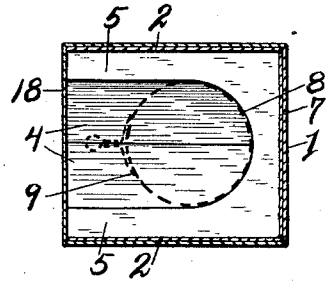


Fig. IV.

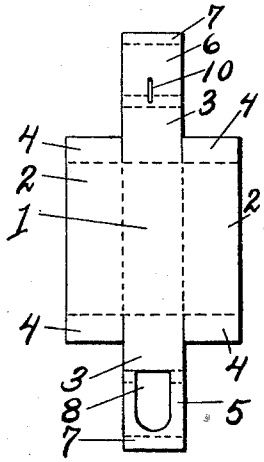


Fig. V.

Inventor

George A. Humphrey

By Chappell & Earl

Attorneys

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE A. HUMPHREY, OF NEW YORK, N. Y.

CONTAINER.

1,007,872. Specification of Letters Patent. Patented Nov. 7, 1911.

Application filed June 14, 1911. Serial No. 633,119.

To all whom it may concern:

Be it known that I, GEORGE A. HUMPHREY, a citizen of the United States, residing at 46 West Broadway, in the city of New York, county of New York, and State of New York, have invented certain new and useful Improvements in Containers, of which the following is a specification.

This invention relates to improvements in containers.

The main objects of this invention are,—First, to provide an improved container for incandescent gas mantles by which the mantles are supported so that the liability of the fragile mantle being broken while in the container is minimized. Second, to provide an improved container for incandescent mantles into which the mantles mounted on their supports may be quickly inserted and are securely held without the necessity of providing a locking means requiring special manipulation, and further to provide a container from which the mantles can be removed, merely by drawing therefrom. Third, to provide an article container of the class described in which the body portion, that is the box body and article holders are formed of an integral blank.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing, forming a part of this invention, in which:

Figure I is a rear or bottom perspective view of a box or container embodying the features of my inventions. Fig. II is a front or top perspective view of the structure shown in Fig. I with the cover removed, a mantle being shown in position. Fig. III is a longitudinal central section taken on a line corresponding to line 3—3 of Fig. I, the mantle mounted on its support being shown in the container. Fig. IV is a horizontal section taken on a line corresponding to line 4—4 of Fig. III, the base or burner sleeve of the mantle support being shown by dotted lines. Fig. V is a plan view of blank in which my improved container is preferably made.

In the drawing, similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, the body portion and the article holders of my improved container are preferably formed of an integral blank shown in Fig. V. This blank comprises a bottom portion 1, side portions 2, end portions 3, forming the bottom, side and end walls of the box or container. The side walls 2 are provided with flap extensions 4 at each end, which are folded upon and secured to the end walls as illustrated, the extensions being folded on the inside of the end walls (see Fig. II). The end walls are provided with holder extensions 5 and 6 which are folded inwardly upon and secured in a spaced relation to the end walls. The extensions 5 and 6 have securing flaps 7, which are secured to the bottom 1 as shown in Fig. 3.

The blank is preferably scored along the dotted lines shown in the blank for convenience in folding. The holder 5 is provided with a longitudinal slot-like opening 8 adapted to receive the body 9 of the mantle support. This body 9 in the structure illustrated is a screened burner tip adapted to be slipped upon the burner tube of the well-known incandescent burner. The holder 6 is provided with a slot-like opening 10 adapted to receive the projection 13 on the mantle supporting rod 14, the projection being in the form of a hump at the inner end of the lateral suspending arm 15 on which the mantle 16 is hung. These support engaging openings 8 and 10 open at the edge of the box so that the mantle mounted on its support may be slipped into the holders as shown in Fig. III. The holder 6 is preferably inclined inwardly so as to engage the arm 15 of the supporing rod 14 with friction thus retaining the same and preventing any movement of the mantle support in the container. The rod 14 in the support illustrated, is provided with a protecting sleeve 17. The cover 18 in the structure illustrated, telescopes with the body of the container

and this is preferred as it serves to reinforce and support the walls of the body of the container so that they may be made of comparatively light, thin material and at the same time, when protected and reinforced by the telescoping cover, effectively protect the mantle within.

The end walls of the container are reinforced with the holders 5 and 6 so that the box is capable of withstanding considerable crushing strain; further, the mantle support or carrier engages both ends of the box so that it is further supported against crushing stress.

My improved container is simple and economical in structure and supports the mantles placed therein so that they are not likely to be injured, the mantles being entirely supported out of contact with the walls of the container.

I have illustrated and described my improvements in detail in a very satisfactory embodiment thereof.

I am aware that considerable variation of structural details are possible without departing from my invention, and I desire to be understood as claiming the same specifically as illustrated, as well as broadly within the scope of the appended claims.

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

1. An article container formed of an integral blank comprising bottom, side, and end wall portions, the side wall portions being provided with attaching flaps at each end which are lapped upon and secured to the end wall portions, the end wall portions being provided with inwardly folded article holder extensions having securing flaps attached to the bottom portion to support the said holder extensions in a spaced relation to the ends, said holder extensions being longitudinally slotted, one to receive the body of a mantle support and the other to receive the upper end of a mantle supporting rod.

2. An article container formed of an integral blank, comprising bottom, side, and end wall portions, the end wall portions being provided with inwardly folded extensions supported in a spaced relation to the ends, said extensions being provided with openings adapted to receive the article to be supported.

3. An article container comprising bottom, side, end walls and article holders formed of an integral blank, the side wall portions of the blank being provided with attaching flaps at each end which are lapped upon and secured to the end wall portions, the end wall portions being provided with inwardly folded article holder extensions having securing flaps at their ends attached to the bottom to support the said holder extensions in a spaced relation to the end walls, said holder extensions being longitudinally slotted, one to receive the body of a mantle support and the other to receive the upper end of a mantle supporting rod, said holder being inclined inwardly.

4. An article container comprising bottom, side, end walls and article holders formed of an integral blank, the side wall portions of the blank being provided with attaching flaps at each end which are lapped upon and secured to the end wall portions, the end wall portions being provided with inwardly folded article holder extensions having securing flaps at their ends attached to the bottom to support the said holder extensions in a spaced relation to the end walls, said holder extensions being adapted to engage the article to be supported.

5. A container for incandescent mantles comprising a box, and holders, the holders being formed integrally with the end walls of the boxes, said holders being extensions of the end walls folded inwardly and secured in a spaced relation thereto, and having openings extending inwardly from their forward edges, one to receive the body of a mantle support and the other the supporting rod thereof, the latter holder being inclined rearwardly to frictionally engage the mantle supporting rod.

6. A container for incandescent mantles comprising a box, and holders, said holders being formed integrally with the end walls of the box and being extensions of the front edges thereof folded inwardly upon and supported in a spaced relation to the end walls, one of the holders having an opening therein adapted to receive the body of a mantle support and the other being adapted to engage a mantle suspending rod mounted on said body.

7. A container for incandescent mantles comprising a box, and holders supported therein in a spaced relation to the end walls, said holders being provided with openings open at the edge of the box, one to receive the body of a mantle support and the other a mantle supporting rod, the latter holder being inclined inwardly.

8. A container for incandescent mantles, comprising a box open at one side, and holders supported in the ends of the box, said holders being provided with openings at the edge of the box, one to receive the body of a mantle support, and the other, a mantle supporting rod, the holder adapted to receive the mantle supporting rod being resilient, the opening therein being at its front edge only.

9. A container for incandescent mantles comprising a box, and holders supported therein in a spaced relation to the end walls, said holders being adapted to engage the body of a mantle support and the other a

mantle supporting rod, the latter holder being inclined inwardly.

10. A container for incandescent mantles, comprising a box open at one side, and holders supported in the ends thereof, said holders being provided with openings, one to receive the body of a mantle support and the other a mantle supporting rod when presented sidewise thereto, there being a portion of its holder at the rear of its rod receiving opening adapted to engage the top of the arm of the supporting rod.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

GEORGE A. HUMPHREY. [L. S.]

Witnesses:
E. WHITNEY.
A. H. HUMPHREY.