

A. P. CRAIG.
METAL REINFORCED BOX.
APPLICATION FILED JUNE 16, 1908.

965,875.

Patented Aug. 2, 1910.

FIG. 1.

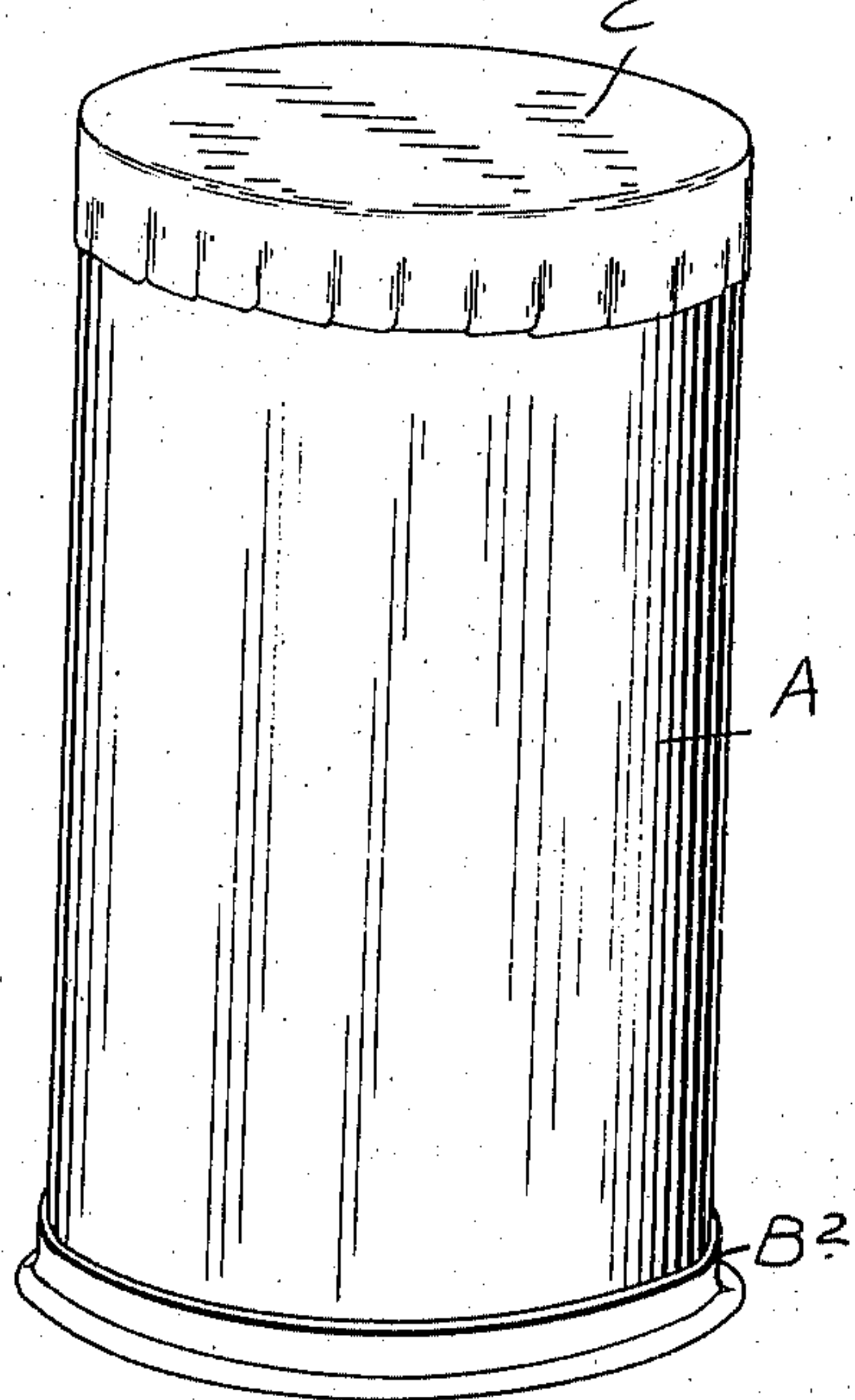


FIG. 2.

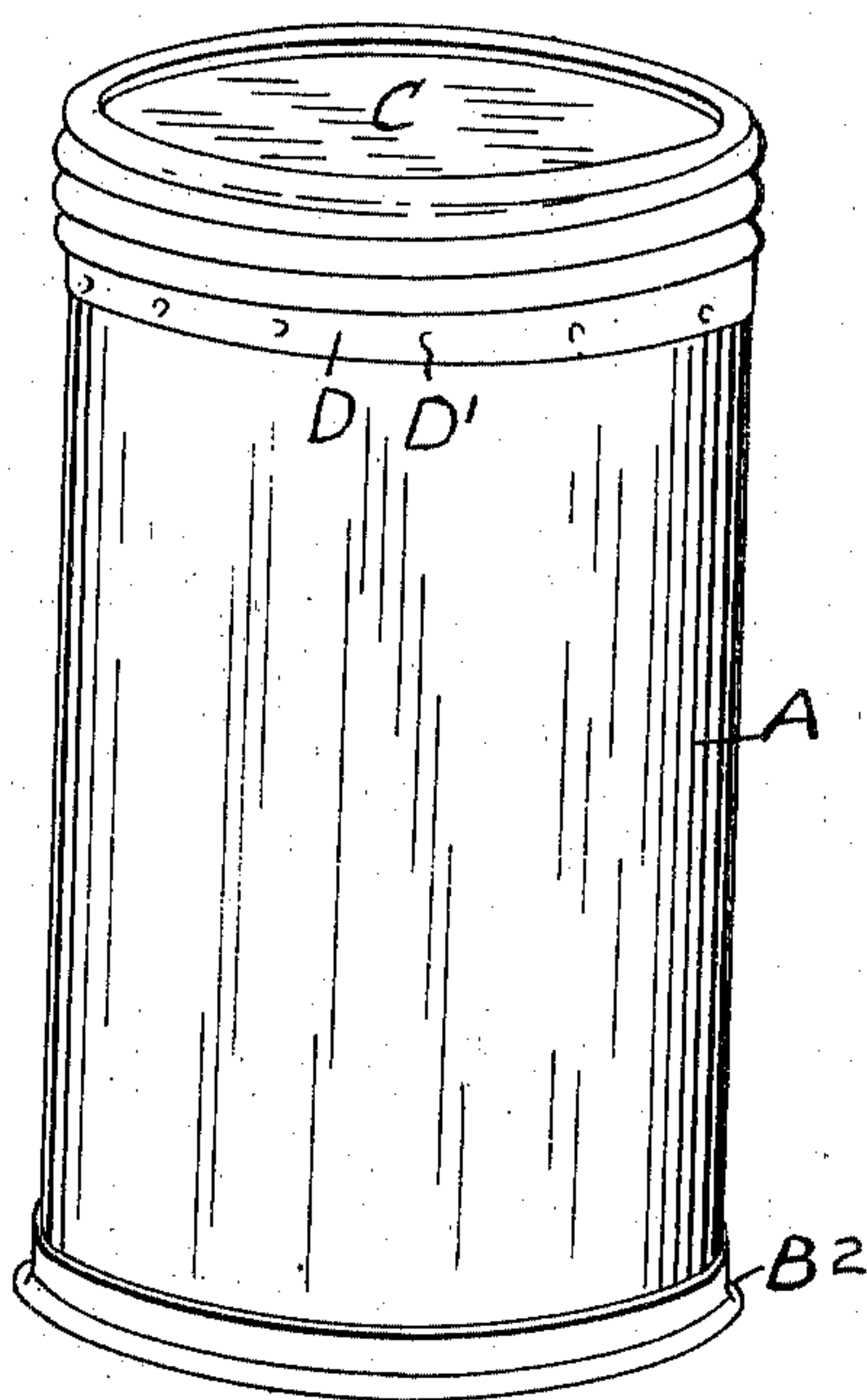


FIG. 3.

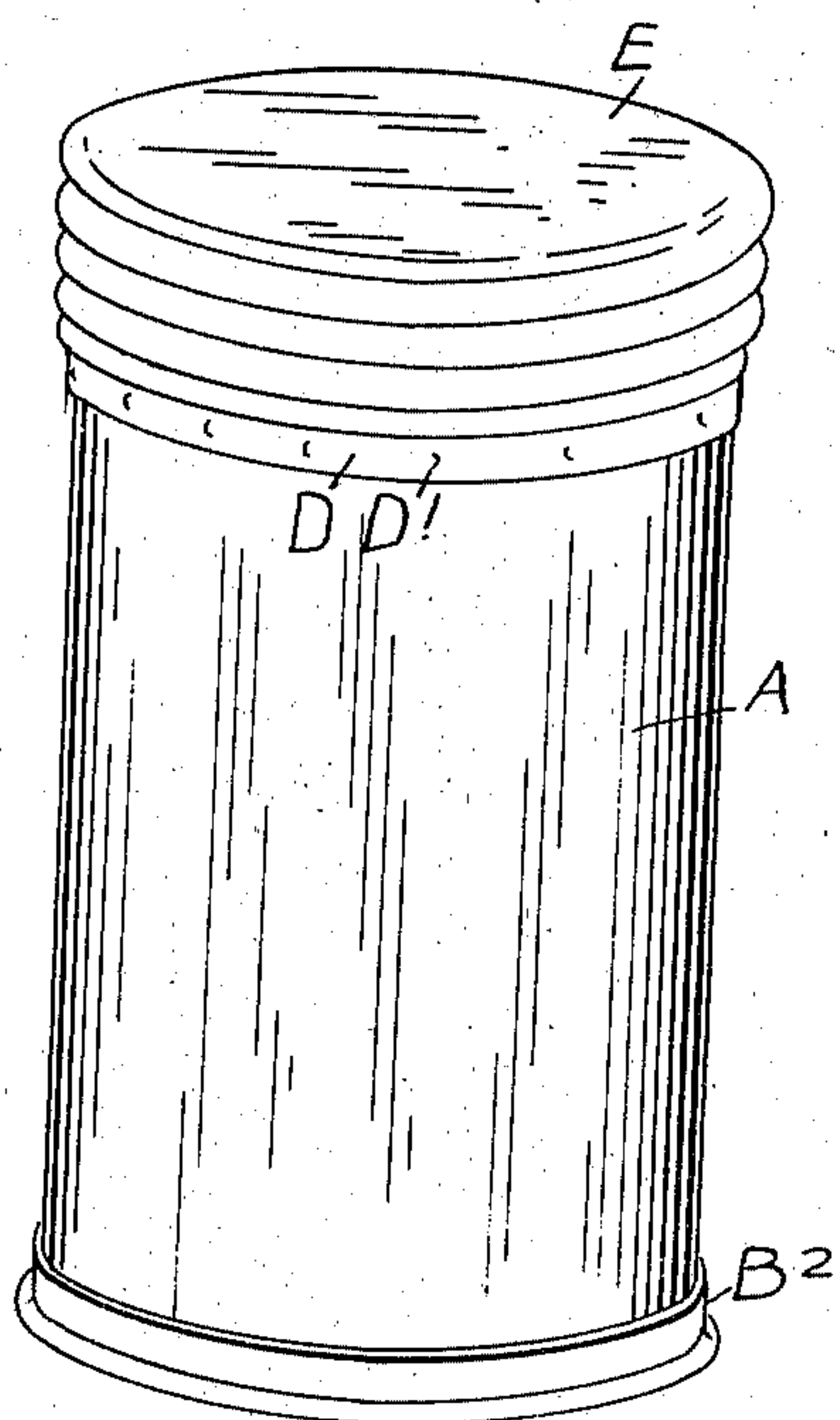
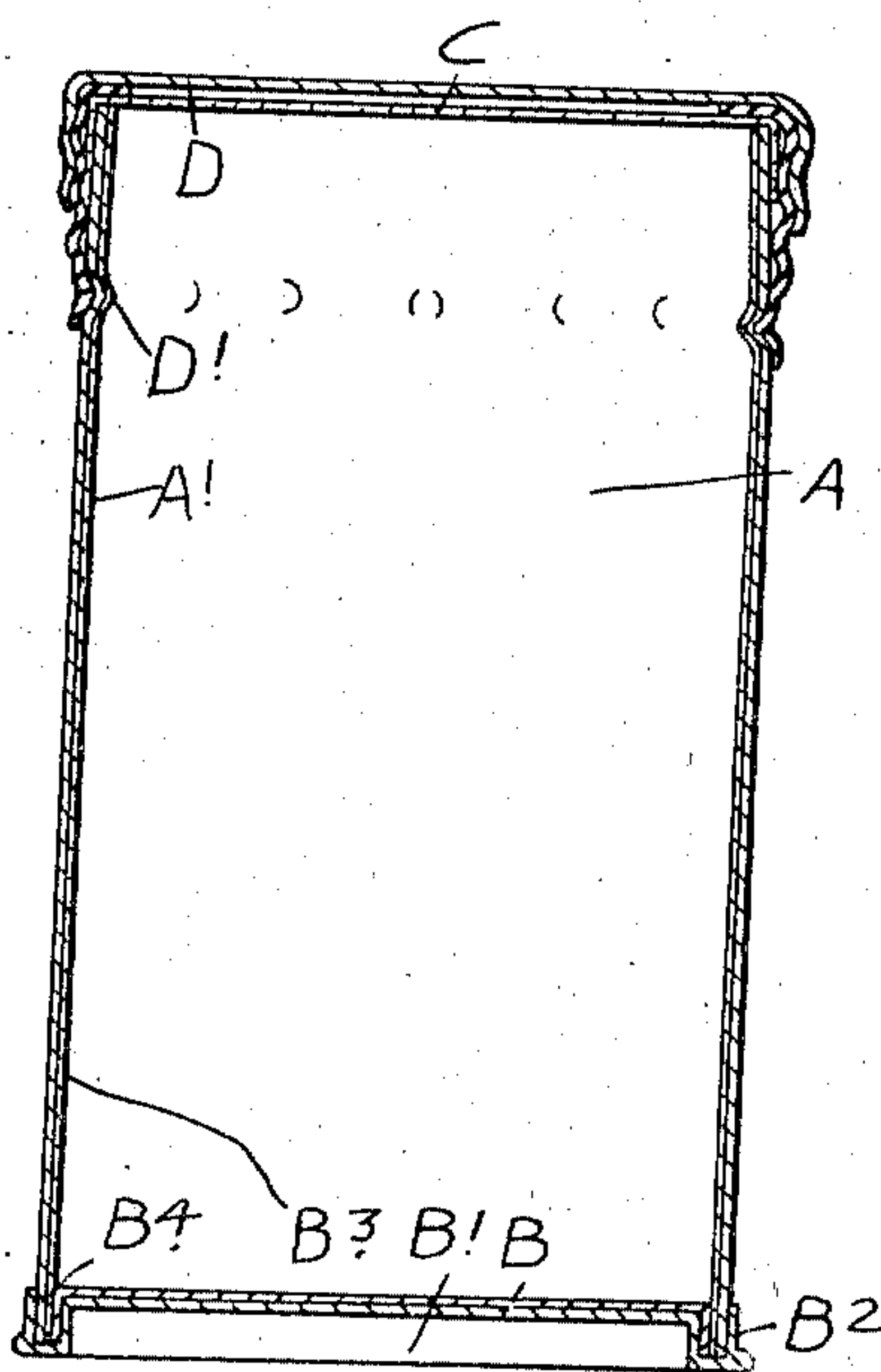


FIG. 4.



WITNESSES.

J. C. Boyce
L. H. Clement.

INVENTOR:
A. P. CRAIG

By *J. C. Boyce*
L. H. Clement

UNITED STATES PATENT OFFICE.

ANDREW PRENTICE CRAIG, OF TORONTO, ONTARIO, CANADA.

METAL-REINFORCED BOX.

965,875.

Specification of Letters Patent.

Patented Aug. 2, 1910.

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To all whom it may concern:

Be it known that I, ANDREW PRENTICE CRAIG, of the city of Toronto, in the county of York, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Metal-Reinforced Boxes, of which the following is the specification.

My invention relates to improvements in metal reinforced boxes, particularly adapted to contain cream of tartar, and other like commodities likely to be affected by contact with metal, and the object of the invention is to devise a box in which the contents may be kept from contact with the metal under all circumstances and especially prevent the contents from being tampered with previous to being sold, and it consists essentially of a box having a metal bottom covered with paper, a cardboard wall or cylindrical portion on which the bottom is fitted and held by the turned in upper end of the bottom, and in an inner paper top or label extending over the top of the cylindrical body and a screw ring designed to hold the paper top tight and secure it in position by means of indentures formed around the same and projecting into the cardboard top, the final closure being the ordinary screw top, the parts being otherwise constructed and arranged in detail as hereinafter more particularly explained.

Figure 1, is a perspective view of a box showing the inner label or breakable top placed in position over the top edge of the box prior to being secured. Fig. 2, is a similar view showing the securing ring for the paper top. Fig. 3, is a view of the box complete with cover on. Fig. 4, is a vertical section through the box.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the main body of the box which in the present instance is formed cylindrical, although it may be formed in any other shape. The body is provided with a lining A' extending from the top edge to the bottom edge. B is the bottom, which is made of metal and is recessed being provided with a depending flange B' and an upwardly projecting rim B² surrounding the flange B'. The bottom B is struck out by a die

and is provided with a lining B³, which extends down around the flange B'.

The bottom edge of the body A' is inserted in the annular recess between the flange B' and rim B² and the upper edge B⁴ of the rim is then turned inwardly as indicated so as to hold the bottom in place.

C is an inner cover or label which is made of light paper and is placed over the top edge of the body A as indicated in Fig. 1. The ring D is then placed over the inner cover C, so as to securely hold it in position, such ring being preferably a screw ring at the top and provided with indentures D' around near the bottom edge, whereby it is securely held in position, such indentures being made by a suitable machine after the ring is placed in position.

In assembling the box I place the inner cover C and the ring in position first as shown in Fig. 1, then the screw cap E. I then fill the box or can from the bottom and put the bottom B in place as shown in Fig. 3.

It will now be seen that the contents of the box are encompassed on all sides by paper viz. the inner cover C, the lining A' and the lining B³, and therefore, there is no liability of the contents becoming deteriorated by contact with the metal, which has been an objection in this class of box as hereinbefore made.

Not only does the inner cover C hereinbefore referred to, prevent deterioration, but also on this cover or label may be printed any form of guarantee desired, such guarantee necessarily stating that if the inner cover or label is unbroken the contents are guaranteed pure or such like statement.

What I claim as my invention is:

1. In a box or package, the combination with the body portion made of paper or the like, of an end portion having an inner lining of paper and suitably affixed to the bottom edge of the body portion and an inner cover of paper extending over the top edge of the box, and a securing ring provided with a threaded or screw upper portion, and a screw cap fitting on such portion as and for the purpose specified.

2. The combination with the body made

of paper or the like, of a metal bottom provided with a depending flange and an upwardly extending outer rim having the upper edge turned into the body, and a suitable lining for the metal cap bottom having the edge thereof extending between the flanges and the body, and the inner cover having the edges thereof depending from

the top of the box and a screw ring provided with suitable indentures to fasten it and the inner cover in place as and for the purpose specified. 10

ANDREW PRENTICE CRAIG.

Witnesses:

P. W. BOYD,
R. COBAIN.