

M. I. COOPER.
 BOX FOR PACKING ELECTRIC INCANDESCENT LAMPS.
 APPLICATION FILED JUNE 12, 1909.

977,935.

Patented Dec. 6, 1910

2 SHEETS—SHEET 1.

Fig. 1.

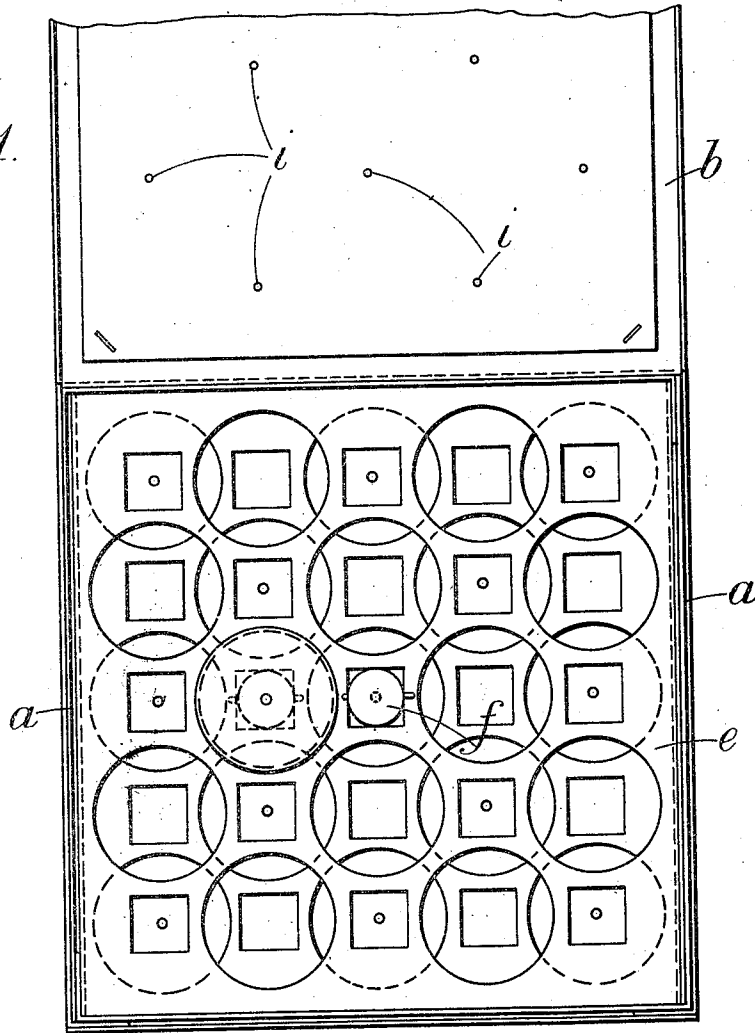
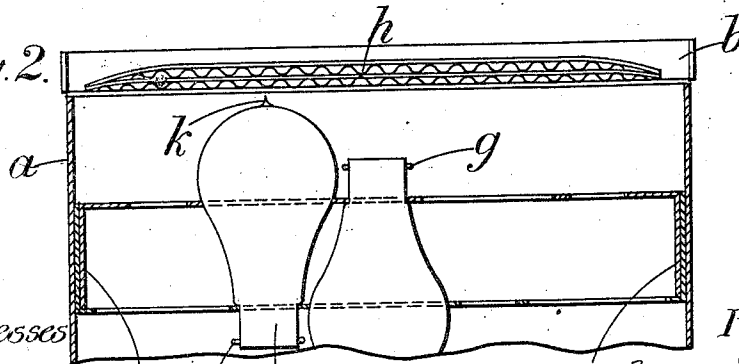


Fig. 2.



Witnesses

Wm. D. Small
 Jas. E. Dodge

Inventor

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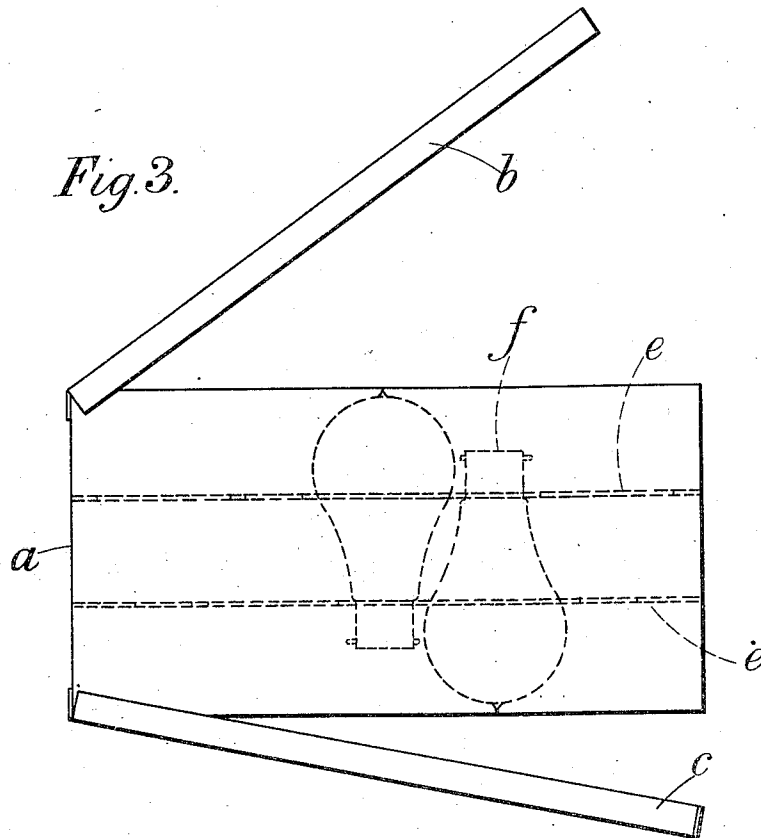
By Wilkinson, Fisher & Witherspoon
 her Attorneys

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Witnesses.
Mr. May D. Durrall.
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Inventor:
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UNITED STATES PATENT OFFICE.

MARY ISABEL COOPER, OF HOCKLEY, ENGLAND.

BOX FOR PACKING ELECTRIC INCANDESCENT LAMPS.

977,935.

Specification of Letters Patent.

Patented Dec. 6, 1910.

Application filed June 12, 1909. Serial No. 501,830.

To all whom it may concern:

Be it known that I, MARY ISABEL COOPER, a subject of the King of Great Britain, residing at Hockley, county of Essex, England, have invented certain new and useful Improvements in Boxes for Packing Electric Incandescent Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to enable electric incandescent lamps to be packed to economize space in packing, and to give better security against breakage in transit.

To enable the invention to be fully understood, reference should be made to the accompanying drawings.

Figure 1 illustrates a plan of inside of box according to this invention, the underside being the same in view. Fig. 2 a partial sectional view of same. Fig. 3 a side view showing top and bottom covers.

The sides or wall *a* of box is made of cardboard with top and bottom hinged covers *b*, *c*. Secured within the box is a double rack *e* to carry the lamps. This rack is punched with top and bottom holes in register alternately to suit the bulb and stem *f* of lamp; for the latter, the hole is square to enable the holding studs *g* of lamp stem to pass through the corners when by slightly turning the lamp the studs *g* secure it from falling out if the covers are both opened. The inside of covers is lined with corrugated packing *h* and small holes *i* are punched in underside

of covers for the pip *k* of lamp. The holes in the rack are so punched that the lamps can be packed alternately in inverted positions, thereby saving space.

What I claim is:—

An incandescent lamp bulb carrier comprising a box body or housing, a pair of opposed movable closures and a pair of rack plates arranged parallel with the closed positions of said closures, said racks being provided with alternating apertures of different sizes, the larger size apertures being of circular contour and adapted to seat the bulb portion of the lamps and prevent the downward displacement of said lamps when the latter are in their upwardly disposed positions, and the smaller apertures being of square contour, the square apertures of one rack plate registering with the circular apertures of the other rack plate and being of such a dimension as to permit of the passage of the contact terminals on the diagonal lines of the square and to snugly engage the rounded neck portion of the lamp, whereby said smaller square openings, when the terminals are turned from the diagonal position, prevent the downward displacement of the downwardly disposed lamps, when the lower closure is open, substantially as described.

In testimony whereof, I affix my signature, in presence of two witnesses.

MARY ISABEL COOPER.

Witnesses:

FREDERIC PRINCE,
H. D. JAMESON.