

No. 690,185.

Patented Dec. 31, 1901.

B. I. RIKE.
LAMP OR BULB CASE.
(Application filed Oct. 9, 1901.)

(No Model.)

Fig. 2.

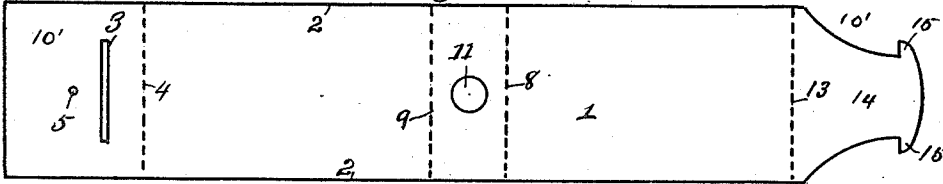


Fig. 3.

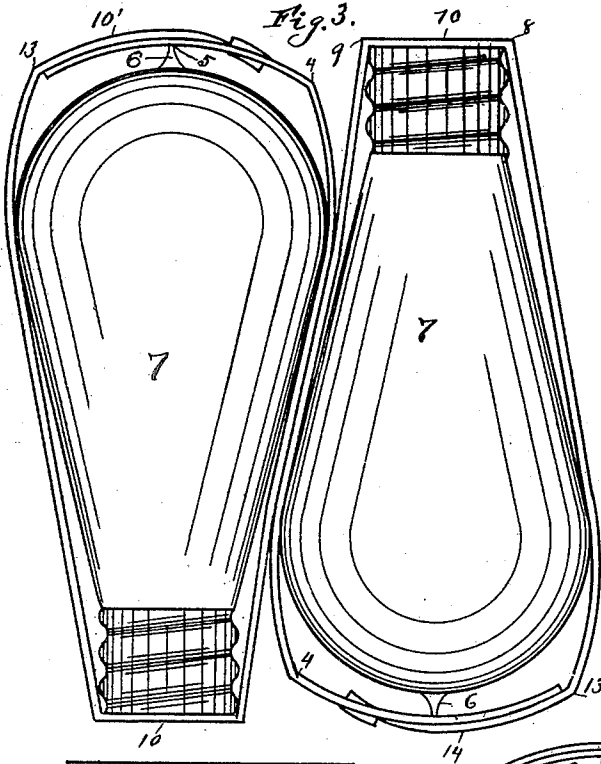


Fig. 4.

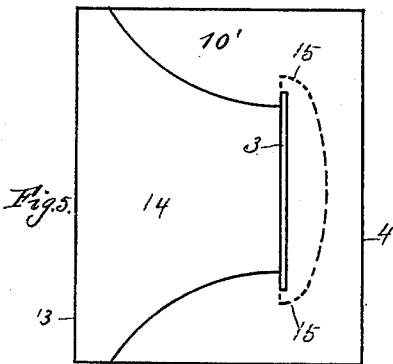
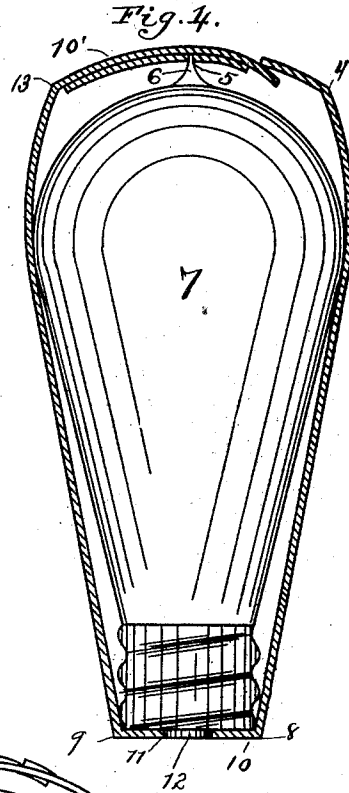
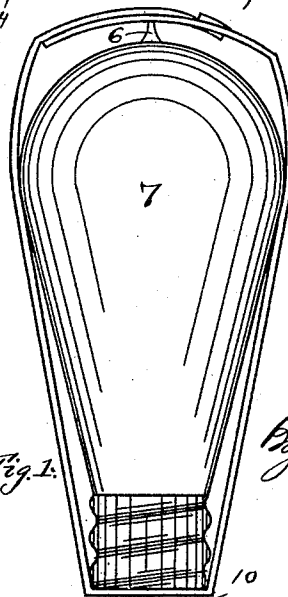


Fig. 1.



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BERTON I. RIKE, OF DAYTON, OHIO.

LAMP OR BULB CASE.

SPECIFICATION forming part of Letters Patent No. 690,185, dated December 31, 1901.

Application filed October 9, 1901. Serial No. 78,100. (No model.)

To all whom it may concern:

Be it known that I, BERTON I. RIKE, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Lamp or Bulb Cases; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to a package or casing for shipping incandescent lamps or bulbs. The casing is so constructed and arranged that a bulb is held in the longitudinal center thereof.

The object of the invention is to provide an inexpensive inclosure or casing for shipping bulbs or incandescent lamps and in which the bulbs are placed in such a manner that the danger of breakage in shipment is reduced to a minimum. The casing is constructed of a single blank in the form of a strip and is bent to form two inclosing sides, between which the bulb is held in a central position.

Preceding a detail description of my invention reference is made to the accompanying drawings, of which—

Figure 1 is a view of my improved bulb-casing, showing a bulb inclosed therein. Fig. 2 is a plan view of the blank from which the casing is formed. Fig. 3 is a plan view of two casings arranged side by side to form a square, in which position any number of the casings can be placed in a box or other receptacle for shipment. Fig. 4 is a sectional view through the ends of the casing, showing the manner of supporting the ends of the lamp in a central position therein. Fig. 5 is an end elevation of the locked end of the casing.

In a detail description of my invention similar reference characters indicate corresponding parts.

The casing is formed of a single oblong blank 1, having two parallel edges 2, which are preferably straight. This blank is provided at one end with a locking-slit 3 on the outer side of a transverse score-line 4. On the outer side of the locking-slit 3 there is a small

opening 5, into which a teat or projection 6 from the large end of a bulb 7 enters when said bulb is in position in the casing. About midway of the length of the blank 1 there are two transverse score-lines 8 and 9, which form the small end 10 of the casing, and between which there is a larger opening 11, which receives a projection 12 on the smaller end of the bulb. Some incandescent bulbs have larger projections of this character than others, therefore the opening 11 in the casing may be made of a suitable diameter to permit of that end of the bulb entering said opening. The bulb when in position is supported in the openings 5 and 11. The extreme end of the blank is provided with a transverse score-line 13. The portions of the blank on the outside of the score-lines 4 and 13 form the large end 10' of the casing. When the blank is folded to form the casing, as shown in Fig. 1, the bends are on the score-lines 4 8 9 13. The blank on the outside of the score-line 13 terminates in a tongue 14 with locking projections 15. When the casing is completed, the ends are locked by means of the tongue 14 and the slit 3. The tongue is passed through the slit 3 in an oblique manner in order to permit of the projections 15 passing through said slit, after which the tongue 14 is straightened, as shown in Fig. 5, and the projecting ends 15 lock against the edges of the slit 3, as shown in dotted lines in Fig. 5. When the bulb is inclosed within the casing, the smaller projection or teat 6 presses the flaps of the locked ends of the casing together and maintains them in such position until the bulb is removed.

It will be observed that the casing has two inclosing sides only, this being sufficient to protect the bulb when a number of such casings are packed together. The bulb, it will be seen from the foregoing description, is held in the middle of the casing, two sides thereof being inclosed by the slanting sides of the casing and the other two sides being held away from the open sides of the casing by being mounted in the manner specified. The casing, aside from being very effective as a preventive of the breakage of bulbs in shipment, is a very inexpensive article, as there is no waste of strawboard or material in its construction, which would be the case if such

casing was made with four inclosing sides, two of which have been found absolutely unnecessary as a protection to the bulb.

Having described my invention, I claim—

- 5 1. A packing case or inclosure for lamp-bulbs, consisting of an oblong blank having a suitable number of transverse score-lines to form a substantially rectangular inclosure when said blank is united to form a casing,
10 one end of said casing being of less width than the other to conform to the outline of a bulb, openings in the opposite ends of such casing adapted to receive projections on the extreme
15 supported in a central position within said casing, and means for locking the ends of the casing, substantially as specified.

2. As a new article of manufacture and sale, a bulb or incandescent lamp-casing, constructed of a single blank having four transverse 20 score-lines upon which said blank is bent to form a two-sided casing of substantially rectangular form, one end of which is of less width than the other to conform to the outline of a bulb, openings in the ends of said 25 casing by means of which the bulb is supported therein, a tongue and slit by means of which the ends of the casing are locked.

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

BERTON I. RIKE.

Witnesses:

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J. A. WORTMAN.