E. G. B. FOX.

PROTECTOR FOR INCANDESCENT LAMPS AND THE LIKE.

APPLICATION FILED FEB. 9, 1916.

1,225,425. Patented May 8, 1917.

Fig. 1.

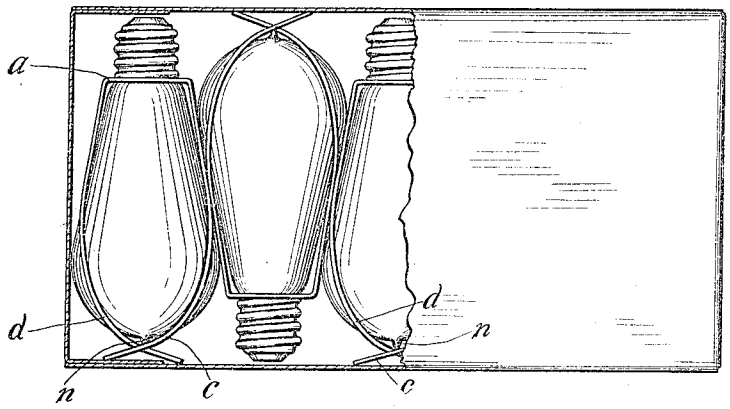


Fig. 2.

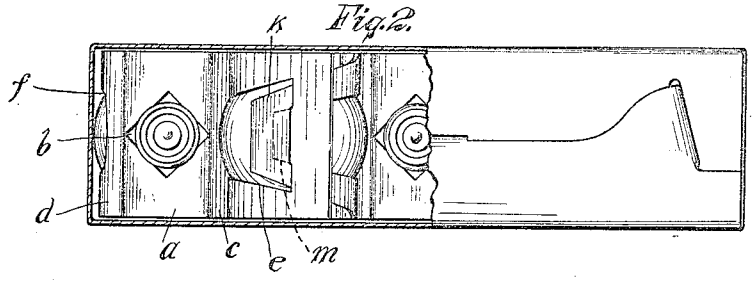


Fig. 3.

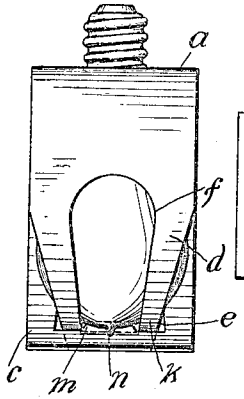
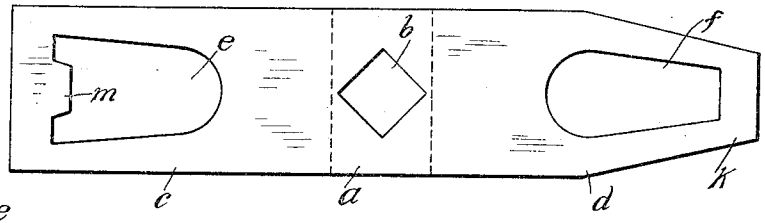


Fig. 4.



WITNESSES:

Louis Lucia

Anna E. O'Brien

INVENTOR.

Edward G. B. Fox.

BY

Hulbert.

ATTORNEY.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDWARD G. B. FOX, OF HARTFORD, CONNECTICUT, ASSIGNOR TO THE FRANKLIN ELECTRIC MANUFACTURING COMPANY, OF HARTFORD, CONNECTICUT, A CORPORATION OF CONNECTICUT.

PROTECTOR FOR INCANDESCENT LAMPS AND THE LIKE.

1,225,425. Specification of Letters Patent. Patented May 8, 1917.

Application filed February 9, 1916. Serial No. 77,254.

To all whom it may concern:

Be it known that I, EDWARD G. B. FOX, a citizen of the United States, and resident of Hartford, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Protectors for Incandescent Lamps and the like, of which the following is a specification.

The object of the invention is to provide a protective device for incandescent lamps and the like to insure against breakage when the lamps are packed in cartons, boxes, and other containers, either for shipment or storage.

In the drawings—

Figure 1 is a side view of a carton, with one side broken away to show the use of the protector.

Fig. 2 is a top view thereof, with a part broken away.

Fig. 3 is a side view of an incandescent lamp with the protector attached thereto.

Fig. 4 is a view of the flat blank.

My protector comprises a base *a* apertured as at *b* to receive the base of the lamp, side members *c*, *d*, provided with means such as the apertures *e*, *f*, for engagement with the lamp at its larger diameter to prevent a lateral shifting of the lamp relative to the protector. The end of one of the side members, as *d*, is reduced in width as indicated at *k*, in order that it may pass through the aperture *e* of the other side member *c*. *m* denotes a projection from the wall of the aperture *e* which interlocks with the end of the aperture *f* under the tip of the lamp to hold the side members *c*, *d*, engaged and provide a protection for the tip *n*. It is customary to pack the lamps in cartons in the manner shown in Figs. 1 and 2. It will be seen that the crossed interlocked ends of the side members provide a very effective protection for the tip *n* and a yielding support for the lamp. The larger diameter of the lamp projects slightly through the apertures *e*, *f*, in the side members, but the bulbs of adjacent lamps cannot contact with one another, as clearly seen in Fig. 1.

This device provides an efficient protection for the lamps, is very readily attached to and detached from the lamps, resulting in a minimum expense in the item of packing the goods.

I have selected for illustration one embodiment of the invention which meets the requirements of the case, but I am aware that the device as here illustrated is susceptible of modification without departing from the spirit of the invention as defined in the appended claims.

I claim as my invention:—

1. An article of the character described made from a single piece of flexible material and comprising an apertured base to receive the lamp base, side members folded down from two opposite edges of said base, one side member being apertured to receive the end of the other side member, the ends of said side members being extended to form resilient feet.

2. An article of the character described made from a single piece of flexible material and comprising an apertured base to receive the lamp base, side members folded down from two opposite edges of said base, the ends of said side members being crossed and interengaged, and extending beyond the point of engagement to form resilient feet.

3. An article of the character described made from a single piece of flexible material and comprising an apertured base to receive the lamp base, side members folded down from two opposite edges of said base, one side member being apertured, the end of the other side member being reduced in width to pass through said aperture, interengaging parts on said side members, and extensions beyond said point of engagement forming resilient feet.

EDWARD G. B. FOX.

Witnesses:
M. B. BROWNLEE, Jr.,
W. G. SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."