

A. KRATZL.
GLOBE OR SHADE HOLDER.
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965,638.

Patented July 26, 1910.

Fig. 1

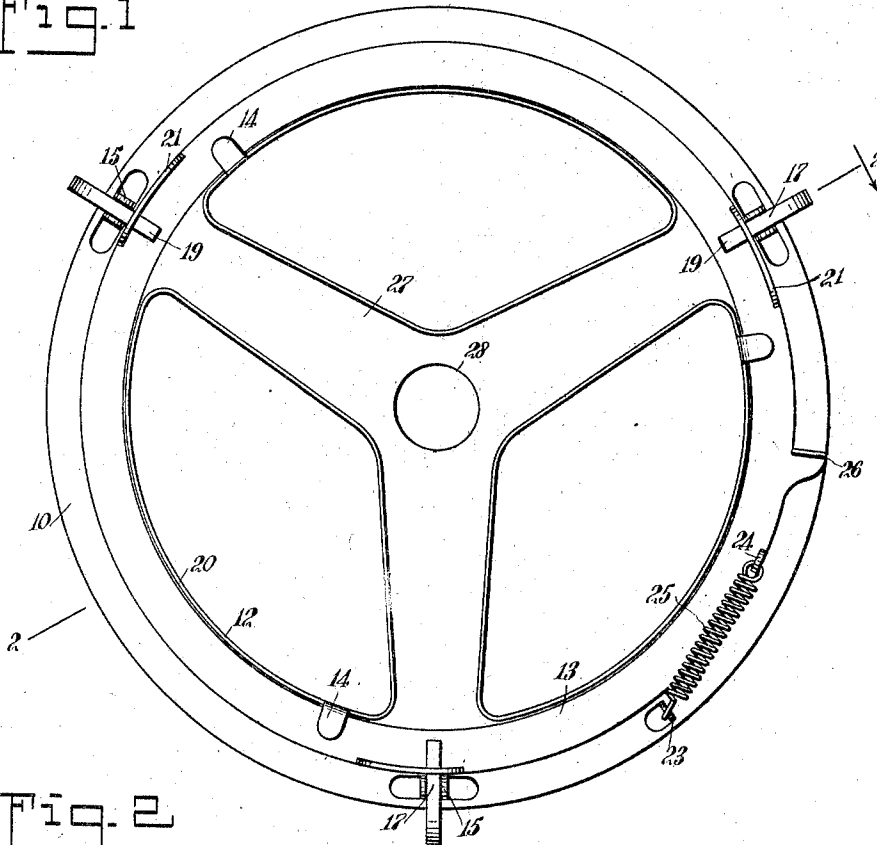


Fig. 2

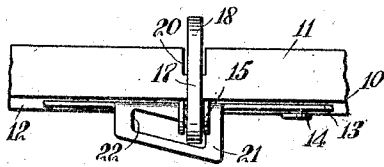
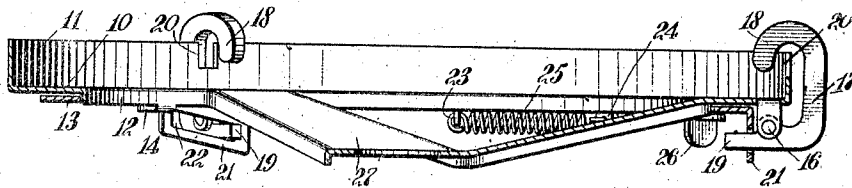


Fig. 3

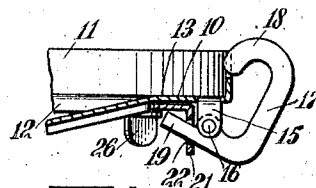


Fig. 4

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ALEXANDER KRATZL, OF NEW YORK, N. Y.

GLOBE OR SHADE HOLDER.

965,638.

Specification of Letters Patent.

Patented July 26, 1910.

Application filed October 12, 1909. Serial No. 522,264.

To all whom it may concern:

Be it known that I, ALEXANDER KRATZL, a subject of the Emperor of Austria-Hungary, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Globe or Shade Holder, of which the following is a full, clear, and exact description.

10 This invention relates to globe or shade holders for use in connection with gas, electric or other light fixtures, and relates more particularly to a device of this class comprising a carrier member adapted to support the globe or shade, a movable keeper 15 mounted thereon and adapted to engage the globe or shade to secure the same in position, and a controlling member movably mounted upon the first member and operable to render the keeper operative, and to release the same.

The object of the invention is to provide a simple, strong and durable holder for globes or shades used in connection with any fixture, by means of which the globe or shade can be securely held in position, which can be manipulated easily and rapidly to secure the globe or shade in place, or to release the same, and which can be used in connection with light fixtures of different kinds.

30 The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

35 Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the claims, and in which—

40 Figure 1 is an inverted plan view of an embodiment of my invention; Fig. 2 is a transverse section on the line 2—2 of Fig. 1; Fig. 3 is a side elevation of a part of the device showing a detail; and Fig. 4 is a fragmentary, transverse section showing certain details.

45 Before proceeding to a more detailed explanation of my invention, it should be clearly understood that while I have shown in the accompanying drawings, for example, a type of the device which is adapted for use in connection with gas-light fixtures, it can also be advantageously employed with other light fixtures, such for example, as electric 55 lights. The device may be fashioned from any suitable material, though I prefer to

have certain of the parts stamped or otherwise formed from sheet metal or the like. Needless to say, certain of the constructive details can be varied in accordance with individual preference and special conditions without departing from the underlying spirit of the invention.

Referring more particularly to the drawings, I employ a carrier member or ring 10, having at the outer periphery an upwardly disposed flange 11, within which the base of the globe or shade fits. At the inner periphery the carrier ring has a downwardly disposed flange 12, which acts as a guide or hub for a movable controlling ring 13. The latter is rotatable with respect to the carrier ring and is held movably in position by means of outwardly disposed retaining ears 14, preferably integral with the flange 12. The ears 14 may be spaced any suitable distances apart, and as shown for example most clearly in Fig. 1, may be three in number.

The carrier ring 10 has formed therein by suitable lines of severance, pairs of downwardly disposed ears 15 between which are pivotally mounted by means of pins 16, keepers 17, having curved extremities 18, and at the opposite ends fingers 19. The keepers are mounted to swing transversely of the rings, and the flange 11 of the carrier ring adjacent to the keepers has cut away parts 20, permitting the free movement thereof, so that the curved extremities can be projected inwardly to engage at the base of the globe or shade to lock the same in position.

The controlling ring 13 at the outer edge has downwardly disposed extensions 21, each provided with an angularly disposed cam slot 22, movably receiving one of the fingers 19, so that when the controlling ring is rotatably moved with respect to the carrier ring the keepers are swung inwardly or outwardly, in accordance with the direction of movement of the controlling ring. The cam slots are suitably inclined, so that a comparatively slight movement of the controlling ring causes a sufficient movement of the keepers to lock or release the globe or shade.

The carrier ring and the controlling ring have respectively lugs 23 and 24, to which are secured the ends of a helical or other spring 25. The spring tends to hold the rings in normal, relative positions such that the keepers are operatively positioned to

hold the globe or shade in place. The controlling ring is provided with a projection 26, by means of which it can be conveniently manipulated.

5 As the form of the device shown for example herewith is intended for use with a gaslight fixture, the carrier ring has a spider 27, provided with a substantially central opening 28, by means of which the
10 entire device can be mounted at the burner of a gas jet in the usual manner.

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

15 1. A device of the class described, comprising a carrier ring adapted to support a globe or shade and having at the outer periphery a laterally disposed flange, and at
20 the inner periphery a laterally disposed flange, a controlling ring movably encompassing said last-mentioned flange, said last-mentioned flange having retaining ears
25 extending over said controlling ring, said carrier ring having pivoted thereon keepers arranged to swing transversely thereof, said
30 first-mentioned flange of said carrier ring having cutaway parts permitting the movement of said keepers, said keepers being adapted to engage a globe or shade to hold the same in place, and each having a finger, said controlling ring having extensions each provided with a cam slot adapted to receive one of said fingers, and a spring connecting

said rings and tending to hold the same in normal, relative positions.

2. A device of the class described, comprising a carrier ring adapted to support a globe or shade, and having at the outer periphery an upwardly disposed flange, and at the inner periphery a downwardly disposed flange, a controlling ring movably encompassing said last-mentioned flange under said carrier ring, said last-mentioned flange having retaining ears extending outwardly, under said controlling ring, said carrier ring having pivoted thereon keepers arranged to swing inwardly and outwardly transversely thereof, said first-mentioned flange of said carrier ring having parts cut away to permit the movement of said keepers, said keepers being adapted to engage a globe or shade to hold the same in place, and each having a finger, said controlling ring having downwardly disposed extensions, each provided with an inclined cam slot adapted to receive one of said fingers, and a spring connecting the rings and tending to hold the same in normal, relative positions.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALEXANDER KRATZL.

Witnesses:

JOHN K. BRACHVOGEL,
JOHN P. DAVIS.