

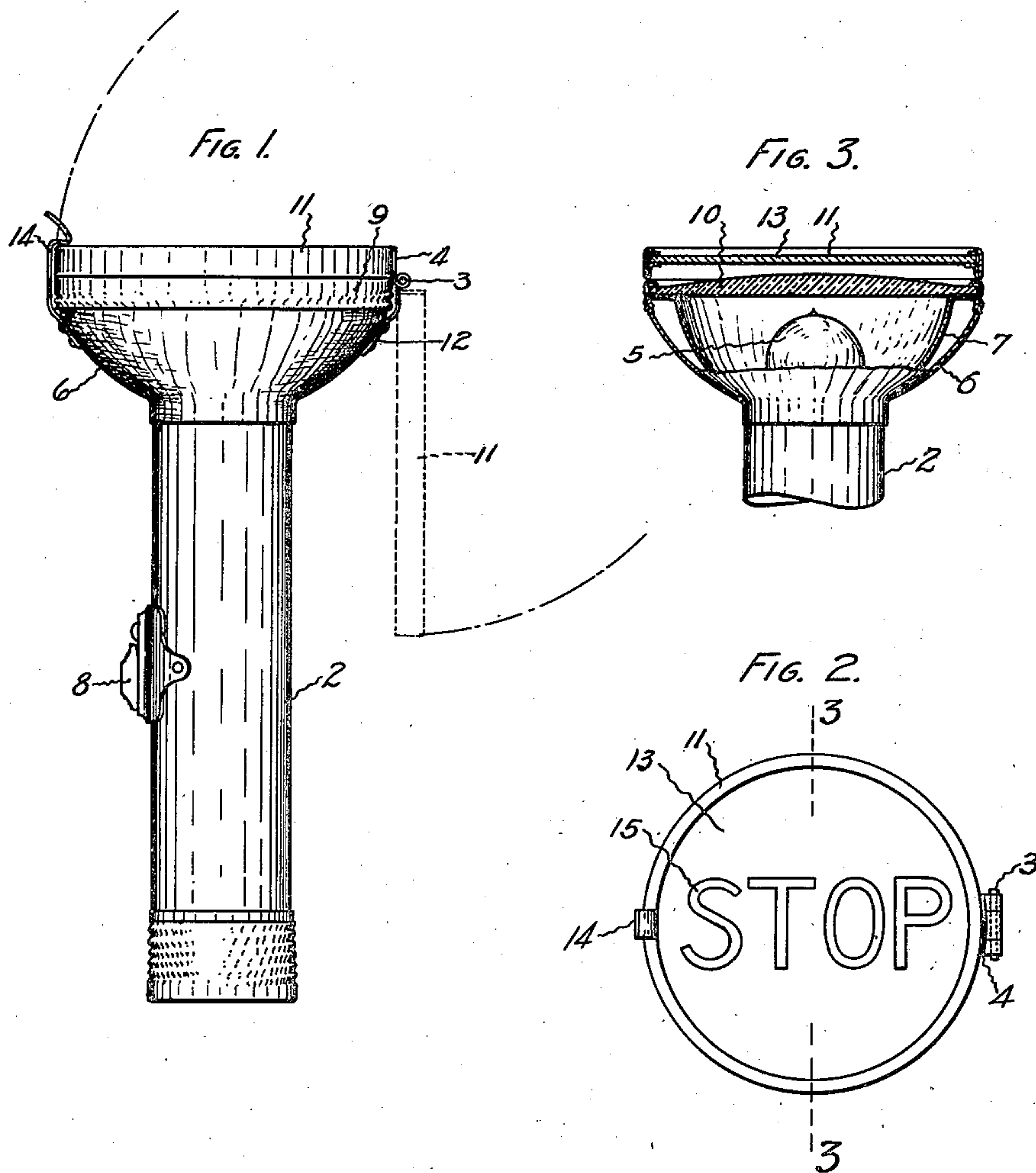
June 19, 1923.

1,459,083

A. W. BECKER

ELECTRIC LAMP

Filed April 20, 1922



INVENTOR
A. W. Becker
H. L. Lathrop
ATTORNEY

UNITED STATES PATENT OFFICE.

ALBERT W. BECKER, OF WINDSOR, CONNECTICUT.

ELECTRIC LAMP.

Application filed April 20, 1922. Serial No. 555,674.

To all whom it may concern:

Be it known that I, ALBERT W. BECKER, citizen of the United States of America, residing at 12 Brown Ave., Windsor, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Electric Lamps, of which the following is a specification.

This invention relates to electric lamps and among the objects of the invention are the provision of an article of this character which is simple in construction and effective in action and the lamp of which can be easily and quickly lighted or extinguished. While the article may be employed with utility in a variety of different fields, it is of particular importance when employed by a traffic policeman. The lamp desirably has two lenses usually a white or plain one, and a red one, the red one being ordinarily in active relation so that when the lamp is lighted, the rays thereof, are projected through the red glass, by a reflector and will signify to an automobilist the necessity for stopping, this advantage being increased by imprinting upon the red or ruby lens some symbol significant of this, for instance the word "Stop." When the lens in question has exercised its function, it will be moved into inactive relation so that the rays of the lamp backed by the reflector can be used for illuminating, for instance to assist a traffic policeman in reading data on such things as license cards, numbers of plates, and things of like nature.

In the drawing accompanying and forming part of the present specification, I have shown in detail one of the many forms of embodiment of the invention which will be set forth fully in the following description. Clearly I am not restricted to this disclosure. I may depart therefrom in a number of particulars within the scope of the invention defined by the claims following said description.

Referring to said drawing:

Fig. 1 is a side elevation of the lamp, the dotted lines showing the outer lens or glass as swung back.

Fig. 2 is a top plan view of the lamp.

Fig. 3 is a sectional elevation of the upper portion of the structure, the section being taken on the line 3—3 of Fig. 2.

Like characters refer to like parts throughout the several views.

The lamp involves in its make-up a suitable handle or shank of proper material which may be either metal, wood, or a composition of the same. Usually it is hollow and has a removable cap at the lower end thereof. The handle or shank shown is denoted in a general way by 2 and the chamber or hollow thereof may receive one or more cells of a battery to the terminals of which are connected wires usually enclosed by the handle and connected with the lamp 5 in the hollow head 6 at the forward end of the handle. This structure is more or less common in flash lamps.

Behind the lamp 5 in the head 6 is a reflector 7 which somewhat closely fits the concave side of the concavo-convex head. One of the conducting wires is intersected by a switch 8. When said switch is in the "on" relation the lamp will be flashed while when the switch is moved to "off," lamp will be extinguished. Removably threaded on the hollow head 6 is an internally threaded ring or band 9 furnished with a lens 10 which is desirably clear or uncolored.

I prefer to hinge to the head 7 the ring or band 11. The head 6 has desirably fastened externally thereof the bearing member 12 to which is pivoted as at 3 the bearing hinge member 4 attached in some convenient manner to the upper ring or band 11 which permits the ring or band 11 to occupy its normal position as shown by full lines in Fig. 1 or to be swung back as shown by dotted lines.

The second ring 11 has fitted into it a lens 13 which is desirably red or ruby. The lens carrier or ring 11 may be held closed by a spring catch 14 and this it should be remembered is the normal relation of the lens carrier or ring 11 at which time it fits closely against the ring or band 9. This lens 13 has upon its surface some cautionary symbol as 15 and the word "Stop" meets my conditions in a highly satisfactory manner.

It will be assumed that a traffic or State policeman is holding in his hand a handle or shank 2, that the lens carrier or ring 11 is closed so that the colored or red lens 13 is directly over the plain or uncolored lens 10, and that he desires to stop an automobilist. In this event, he will press the switch 8 and thus flash the lamp 5, the rays of which are projected successively through the lenses 10

and 13 and they show red and also display to the automobilist the "Stop" symbol 15 which signifies to the automobilist the desire of the policeman to have him stop. 5 After he has stopped, the lens carrier or ring 11 can be swung back so that the colored lens 13 uncovers the plain lens 10. The light rays projecting through this lens 10 will enable the policeman to readily determine at night facts which he should know. 10

What I claim is:

1. A flash-light device comprising a handle to be held in the hand and having a head 15 to receive a lamp, and a red lens associated with the head and movable into active and inactive relations, the lens when in the active relation receiving the rays emanating from the lamp and when in the inactive re-

lation being out of the path of the rays 20 and bearing the word "Stop."

2. A flash-light device comprising a handle to be held in the hand and having a head to receive a lamp, a reflector in said head, a ring fitted to the head, a white lens 25 carried by the ring, a second ring to occupy two relations, when in one relation fitting against the first ring, a red lens bearing the word "Stop" carried by the second ring, a hinge connecting the second ring to the 30 head, and a catch to hold the second ring normally against the first ring.

In testimony whereof I hereby affix my signature.

ALBERT W. BECKER.

Witnesses:

ELIN C. GARDELL,
HEATH SUTHERLAND.