No. 880,294. PATENTED FEB. 25, 1908.

C. W. GETCHELL.

RIFLE SIGHT LIGHTING MEANS.

APPLICATION FILED JAN. 21, 1907.

Fig. 1

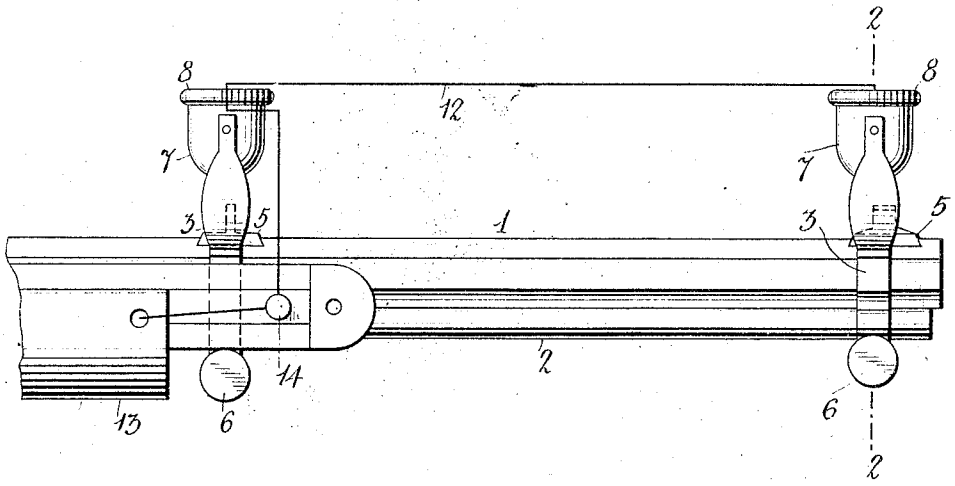
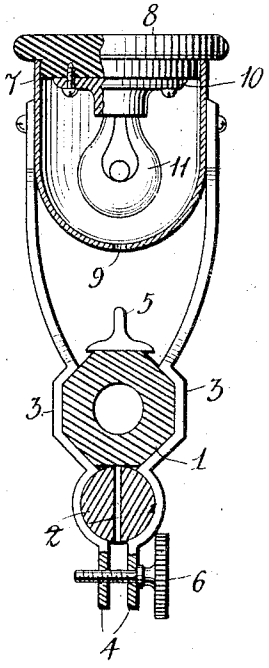


Fig. 2



Witnesses

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UNITED STATES PATENT OFFICE.

CHESTER W. GETCHELL, OF WATERVILLE, MAINE, ASSIGNOR OF ONE-HALF TO FRANK B. WEBBER, OF WATERVILLE, MAINE.

RIFLE-SIGHT-LIGHTING MEANS.

No. 880,294. Specification of Letters Patent. Patented Feb. 25, 1908.

Application filed January 21, 1907. Serial No. 353,321.

To all whom it may concern:

Be it known that I, CHESTER W. GETCHELL, a citizen of the United States, residing at Waterville, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Rifle-Sight-Lighting Means; 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.

My invention has relation to new and useful improvements in rifle sight lighting means and has for its object the production of means for throwing small rays of light on the sights of a rifle, making it possible to shoot with accuracy at dusk or at night.

With these ends in view, my invention consists in the novel construction, combination and arrangement of parts as illustrated in the drawings and set forth in the specification and claims hereunto appended.

In the accompanying drawings, Figure 1 is a side elevation of a rifle barrel provided with my sight lighting means; and Fig. 2 is a cross-sectional view on the line 2—2 of Fig. 1.

My invention is described as follows:—The numeral 1 represents a rifle barrel, and 2 the magazine. Standards 3, their lower parts conforming with said rifle barrel and magazine, and terminating below said magazine in vertical extensions 4 are removably clamped to said barrel and magazine immediately opposite the rifle sights 5, by clamping screws 6 working through said vertical extensions 4.

Suitable casings 7 provided at their upper ends with caps 8, of hard rubber or like material and having vertical perforations or openings 9 in their lower ends centered on lines taken immediately in rear of the respective sights, are secured to the upper ends and inner faces of said standards. Each of said caps is provided on its under face with a bulb holder 10 and screwed or otherwise secured in each of said bulb holders is an electric light 11. Said electric lights are supplied with a current of electricity by the battery wire 12 of a battery 13 secured to the rifle at any suitable point and provided with a press button 14.

When the press button 14 is pressed in, a current of electricity is furnished to said electric lights, which throw small rays of light through said openings 9 in said casings on to the rifle sights. Said casings prevent the light from the electric lights from blurring or blinding the eyes of a person when shooting the rifle and owing to the openings 9 being centered on lines taken immediately in rear of the sights, the light will be directed upon and for properly illuminating the sights.

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

In a device of the class described and in combination with a rifle barrel having an open sight, a support comprising a pair of arms shaped to fit upon opposite sides of the barrel and having lower terminal perforated ears, a clamping screw threaded through said ears for clamping the support to the barrel, a casing secured between the upper ends of the arms in fixed position above the sight and having in its lower end an opening centered on a line perpendicularly to the longitudinal axis on the barrel and taken immediately in rear of the sight, and a lamp fixed in and wholly inclosed by the casing, the light rays being projected through said opening in a direct path for illuminating the sight.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHESTER W. GETCHELL.

Witnesses:
L. A. D'ARGY,
LENA SAUCIER.