

No. 852,152.

PATENTED APR. 30, 1907.

G. E. ALBEE.  
SIGHT FOR FIREARMS.  
APPLICATION FILED JAN. 31, 1907.

Fig. 1

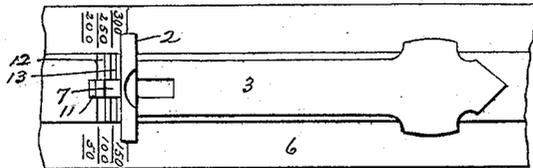


Fig. 3

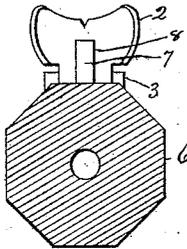


Fig. 2

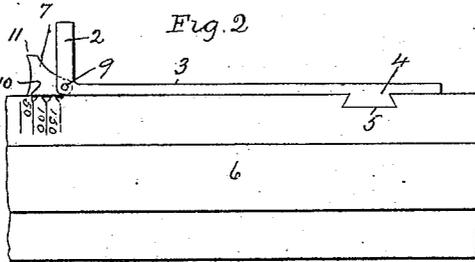


Fig. 4

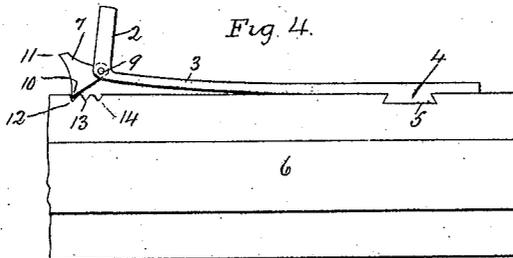
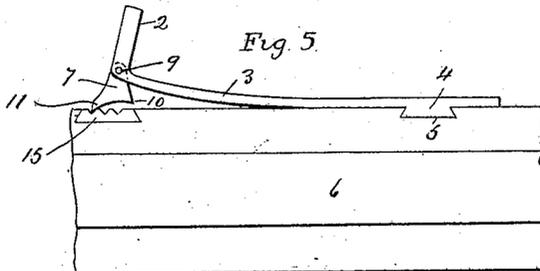


Fig. 5



Witnesses  
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# UNITED STATES PATENT OFFICE.

GEORGE E. ALBEE, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO WINCHESTER REPEATING ARMS CO., OF NEW HAVEN, CONNECTICUT, A CORPORATION.

## SIGHT FOR FIREARMS.

No. 852,152.

Specification of Letters Patent.

Patented April 30, 1907.

Application filed January 31, 1907. Serial No. 355,042.

To all whom it may concern:

Be it known that I, GEORGE E. ALBEE, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Sights for Firearms; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a broken plan view of a gun-barrel provided with my improved rear sight. Fig. 2 a broken view of the barrel and sight in side elevation. Fig. 3 a view in transverse section showing the sight in rear elevation. Fig. 4 a view corresponding to Fig. 2 but showing the sight as elevated by the short tooth of the pivotal elevator dog. Fig. 5 a view corresponding to Fig. 4 but with the long tooth of the dog brought into play and the graduated notches formed in a plate inserted into the barrel instead of being cut directly in the barrel itself.

My invention relates to an improvement in rear sights for firearms, the object being to provide simple, convenient and effective means for lifting the sight to different elevations as may be required.

With these ends in view my invention consists in a rear sight provided at its rear end with a pivotal elevator dog adapted to enter notches in the gun-barrel.

In carrying out my invention, as herein shown, the notched arm 2 forming the sight proper, is turned up at a right angle from the rear end of a spring shank 3 which is formed upon the lower face of its forward end with a transverse undercut lug 4 which is inserted into a corresponding slot 5 in the top of the gun-barrel 6.

An elevator dog 7 entered into a vertical, centrally arranged slot 8 in the arm 2 and pivoted in place by a pin 9, is formed with a short tooth 10 and a long tooth 11 adapted to be entered into transverse notches 12, 13 and 14 formed in the top of the gun-barrel, to effect the lifting of the arm 2 to set the sight for predetermined ranges. Thus when the short tooth 10 is engaged with the notch 12 the sight will be set for a range of 50 yards, when engaged with the notch 13 the sight will

be set for 100 yards, and when engaged with the notch 14 the sight will be set for 150 yards. When the long tooth 11 is entered into the respective notches the sight will be set for 200, 250 or 300 yards respectively. As shown and by preference the notches will be accompanied by graduated scales on the barrel so that the user can readily determine how to adjust the sight. The notches may be formed directly in the gun-barrel as shown in Figs. 1, 2 and 4, or they may be formed in a small plate 15 let into the barrel as shown in Fig. 5. Of course the number of notches in the barrel may be varied as desired, and it is not necessary to form the dog with more than one tooth. When the dog is not in use it will be given the position in which it is shown in Fig. 2.

I claim:—

1. In a rear sight for guns, the combination with a spring shank adapted at its forward end to be attached to a gun-barrel and formed at its rear end with an up-turned arm, of an elevator dog pivoted in the said arm and having two teeth adapted to be engaged with the gun-barrel so as to support the arm at predetermined elevations above the same.

2. In a rear sight for guns, the combination with a spring shank formed at its rear end with an upturned arm having a centrally arranged slot, of a pivotal elevator dog located in the said slot and formed with two teeth adapted to be engaged with the gun barrel for supporting the arm at different predetermined elevations above the same.

3. In a rear sight, the combination with a shank formed at its rear end with an upturned arm having a central slot, of a pivotal elevator dog located in the said slot and formed with two teeth, and a gun barrel formed with notches for co-action with the teeth of the said dog in supporting the said arm at different predetermined elevations above the barrel which is furnished with one or more graduated scales for the said notches.

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

GEORGE E. ALBEE:

Witnesses:

DANIEL H. YEADER,  
THOMAS C. JOHNSON.