Draftsman

A. M. POWELL.

COMBINED HAMMER AND SIGHT.

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939,085. Patented Nov. 2, 1909.

Fig. 1.

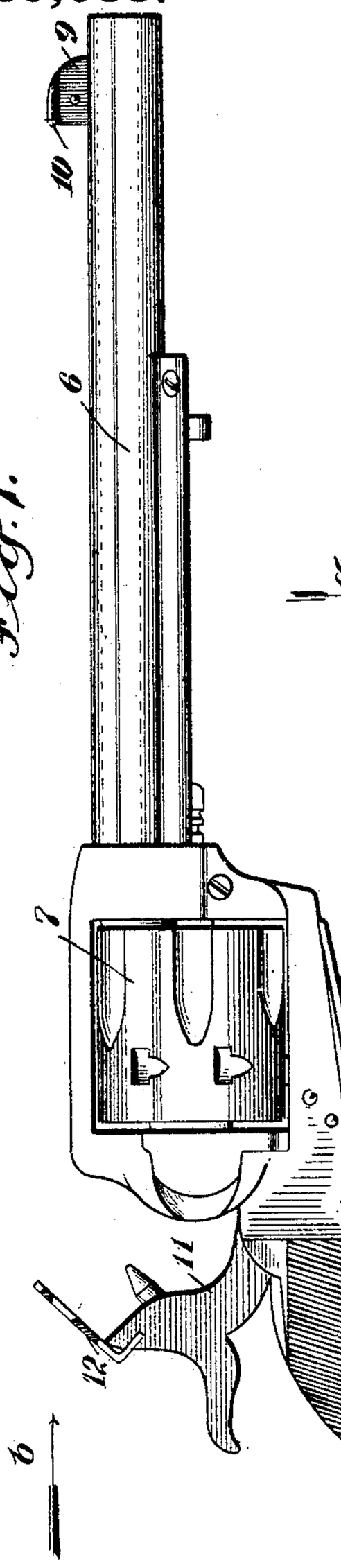


Fig. 2.

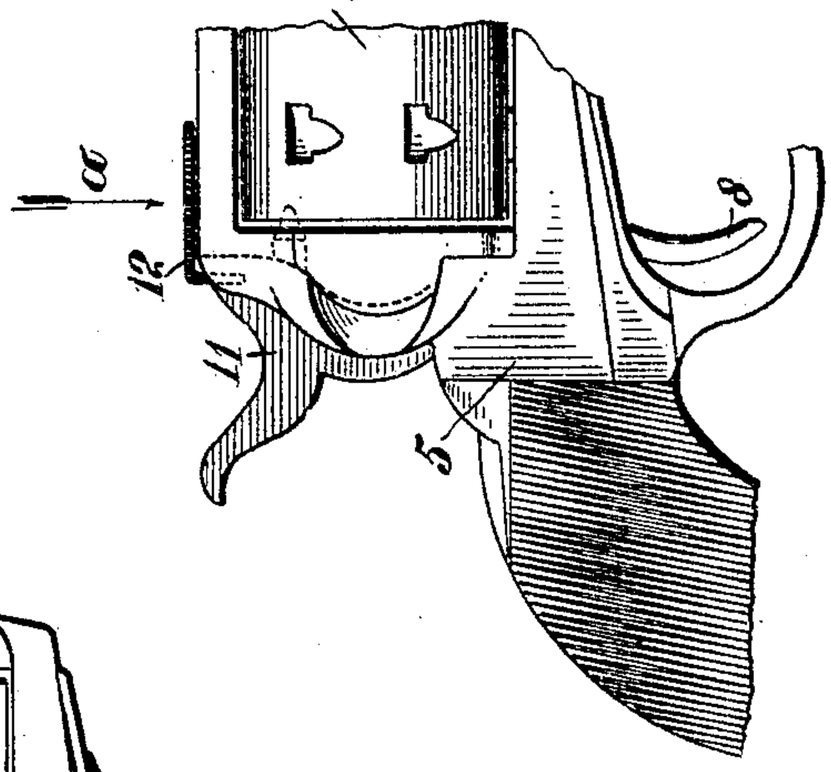


Fig. 4.

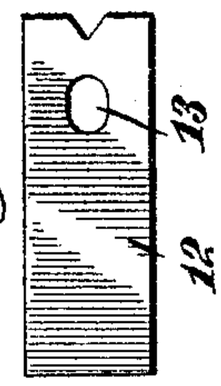
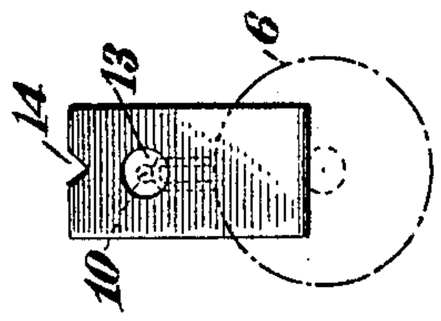


Fig. 3.



1404

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WITNESSES

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COMBINED HAMMER AND SIGHT.

939,085. Specification of Letters Patent. Patented Nov. 2, 1909.

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To all whom it may concern:

Be it known that I, ADDISON M. POWELL, a citizen of the United States, and a resident of Valdez, Alaska, have invented a new and Improved Combined Hammer and Sight, of which the following is a full, clear, and exact description.

My invention relates to firearms, my more particular purpose being to provide a hammer having a rear sight of peculiar form carried upon it.

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 figures.

Figure 1 is a side elevation showing the revolver with the hammer raised and ready for shooting; Fig. 2 is a fragmentary side elevation showing the hammer as down; Fig. 3 is a detail showing a section through the hammer and rear sight; and Fig. 4 is a detail showing the appearance of the rear sight as it appears to an observer looking obliquely down upon it from the rear.

At 5 is a revolver provided with a barrel 6, cylinder 7, and trigger 8, these parts being of the usual or any desired construction. Mounted upon the front portion of the barrel 6 is the front sight 9 which may be provided with a bead 10. The hammer of the revolver is shown at 11 and mounted upon it is a substantially L-shaped piece 12 made of metal and riveted firmly in position. In order to hold this L-shaped piece firmly in position, the hammer is provided with a slot and a portion of the L-shaped piece is let into this slot before being riveted. The piece 12 is provided with a hole 13, the general form of which appears to be elliptical when viewed from the rear by an observer looking obliquely downward upon it, the hammer being raised as indicated in Fig. 1. The hole 13, however, appears to be circular when viewed along the line of sight so that the bead 10 may be seen through it. That is to say, the operator in taking sight in the general direction of the arrow, shown at *b*, Fig. 1, sees the hole 13 as it appears in Fig. 3. In looking down upon the L-shaped member 12 in the direction indicated by the arrow at *a*, however, the hole 13 appears as indicated in Fig. 4. The L-shaped piece 12 is further provided with a notch 14 which may be used in connection with the bead 10 for shooting at a long range. The hole 13 is frusto-conical in form—that is, its diameter is a little greater at the front portion of the L-shaped piece 12 than at the rear thereof, as will be understood from Fig. 3.

The operation of my device is as follows: When the hammer is drawn backward, preliminary to discharging the firearm, the L-shaped metallic piece 12 is moved into such position that the observer may bring either the notch 14 or the hole 13, as desired, into alinement with the bead 10 and with the object to be fired at. Since, however, the notch 14 is a little higher than the hole 13, the weapon is elevated correspondingly when the notch 14 is used, the result being that the effective range of the arm is greatly increased, this desirable object being attained, however, at the cost of accuracy. For fine shooting at a lesser range, or for fine shooting at long range, in cases where the operator makes allowance for the fall of the projectile, the hole 13 and the bead 10 are alone used for training the weapon. When the firearm is in condition for shooting, as indicated in Fig. 1, the operator looking through the hole 13 and moving the weapon so as to bring the bead 10 into alinement with the point upon which the arm is to be trained, sees apparently two concentric circles, one formed by the hole 13 and the other by the bead 10.

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

1. As an article of manufacture, a hammer for firearms, said hammer comprising a body portion provided with a slot, and a substantially L-shaped piece of thin metal extending into said slot and secured relatively to the same, said thin piece of metal being provided with a hole extending through it and serving as a rear sight, and further provided with a notch also serving as a rear sight, said notch being disposed in vertical alinement over said hole when said hammer occupies its normal position.

2. The combination of a barrel, a front sight mounted thereupon, a hammer movable relatively to said barrel, said hammer being provided with an extending portion having

a hole through it and also having a notch disposed adjacent to said hole, said notch and said hole being in vertical alinement relatively to each other and to said front sight when said barrel and said hammer occupy their normal positions.

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

ADDISON M. POWELL.

Witnesses:
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