

W. M. LINDSEY.  
TRAP GUN.  
APPLICATION FILED FEB. 7, 1910.

967,026.

Patented Aug. 9, 1910.

FIG. 1.

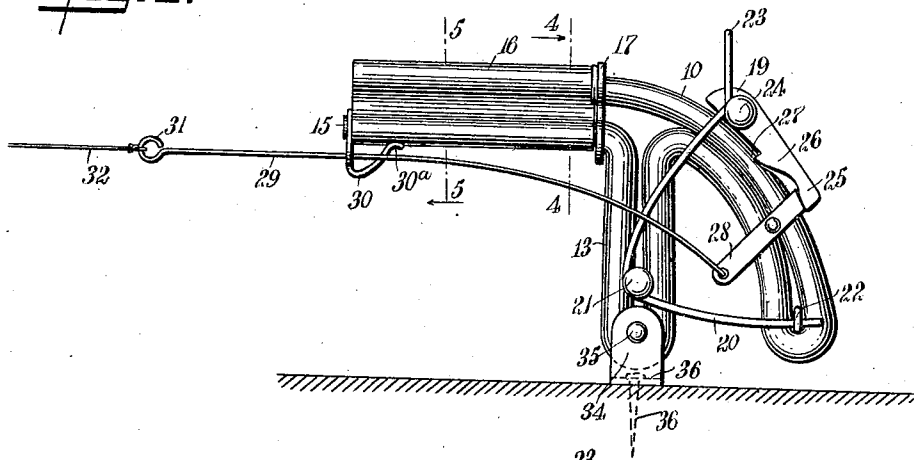


FIG. 2.

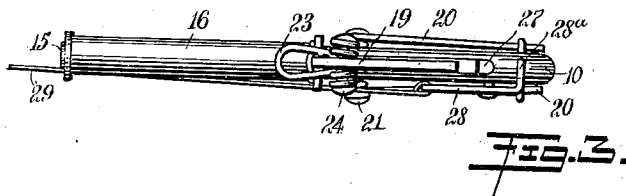
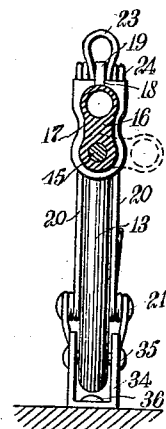
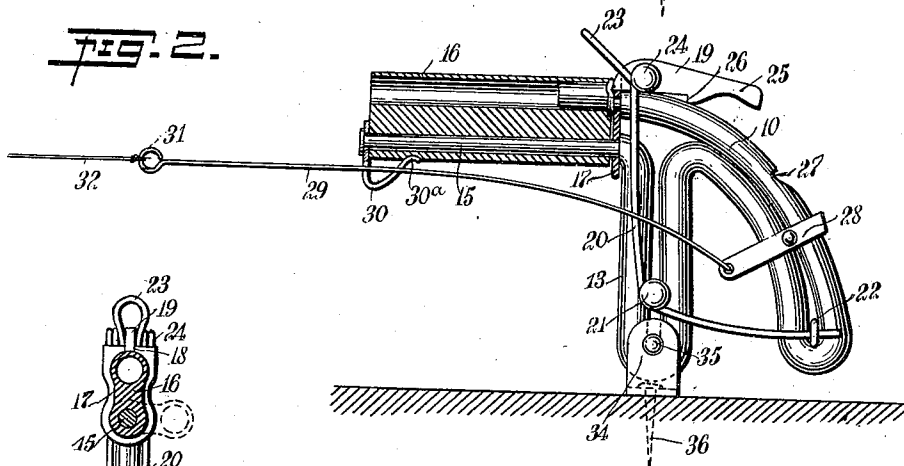


FIG. 4.

WITNESSES:  
G. Robert Thomas  
*G. Robert Thomas*

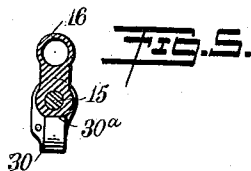


FIG. 5.

INVENTOR  
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# UNITED STATES PATENT OFFICE.

WILLIAM MILTON LINDSEY, OF SONORA, TEXAS.

## TRAP-GUN.

967,026.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed February 7, 1910. Serial No. 542,493.

*To all whom it may concern:*

Be it known that I, WILLIAM M. LINDSEY, a citizen of the United States, and a resident of Sonora, in the county of Sutton and State of Texas, have invented a new and Improved Trap-Gun, of which the following is a full, clear, and exact description.

The invention is an improvement in trap guns, and has in view a device of this character having a support adapted to be forced into the ground or other object, and on which the gun proper is mounted to swing both horizontally and vertically, whereby the gun is adapted to be automatically aimed to the point desired by the pull on the firing lanyard.

The invention further resides in the special construction of the stock and support and the manner in which the hammer and barrel are therewith assembled.

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 views.

Figure 1 is a side elevation of a trap gun constructed in accordance with my invention, the gun being shown cocked and in firing position; Fig. 2 is a similar view, partly in central vertical section, with the hammer released; Fig. 3 is a plan of the gun; Fig. 4 is a section on the line 4—4 of Fig. 1; and Fig. 5 is a section on the line 5—5 of Fig. 1.

In the construction of the gun, I provide a downwardly and rearwardly curved stock 10, which is rigid with a post 13, having a forwardly-extended arm 15, on which a barrel 16 is fulcrumed, to swing to one side into and out of operative position in order that the shell may be removed and a new cartridge inserted. The stock 10 and post 13 are preferably constructed of a metal bar which is bent upon itself at the lower end of the stock, and also bent upon itself at the lower end of the post, forming each of two thicknesses or lengths respectively located one in front of the other. That portion of the bar forming the top of the stock is reduced in diameter at the end, as also the arm 15 of the post, providing shoulders against which a breech-plate 17, arranged on these reduced portions, bears and is secured. The breech-plate is provided with a notch 18 at the top, leading into the barrel when the latter is in operative position, the

bottom of the notch being arranged substantially flush with the top of the stock, the notch serving to receive the point of a hammer 19, as shown in Fig. 2. The hammer is carried at each side of the gun by one arm of a spring 20, the spring being wrapped around one end of a pin 21, which passes between the lengths of the bar forming the post 13, with the opposite arm of the spring extending from the pin 21 through the eye of a member 22, arranged crosswise of the stock between the lengths of the bar of which the stock is composed. The springs 20 are made of a single piece of spring wire which is bent upon itself intermediate its length in the nature of a loop to form a finger-piece 23 for retracting the hammer, each length of the wire being wrapped about one end of a pivot-pin 24 which passes transversely through the hammer near its firing point. The hammer is guided on the curved stock of the gun and is constructed with a tail-piece 25, about midway the length of which at the lower edge is a catch 26 adapted to engage against the shoulder of a notch 27 formed in the stock, and hold the hammer retracted against the tension of the spring 20, the hammer being drawn back against the action of the spring by pressing on the finger-piece 23.

Fulcrumed on the stock at a point slightly below the notch 27 is a trigger 28 having a portion 28<sup>a</sup> (see Fig. 3) overlying the stock and arranged to engage under the tail-piece of the hammer when the latter is cocked, as shown in Fig. 1, the tail-piece having a beveled cam edge which causes the catch to be disengaged from the notch of the stock when the inner or lower arm of the trigger is pulled forwardly, this movement of the trigger swinging the hammer on its pivot 24 until the firing point of the hammer strikes the guiding surface of the stock, at which time the catch 26 is released from the shoulder and the hammer forcibly carried against the cartridge by the spring. A lanyard member 29, preferably in the nature of a piece of wire, is connected to the lower arm of the trigger and passes forwardly through a guide 30, and is extended some distance therebeyond, where it is provided with an eye 31 for attaching it to the firing lanyard 32, the guide 30 being rigidly secured to the outer end of the arm 15 and having an inwardly-turned spring finger 30<sup>a</sup> arranged to

engage a recess at the under side of the barrel and secure the latter in operative position, the spring finger being pressed into and out of the recess by exerting slight pressure on the barrel to cause it to swing on the arm. The lower end of the post is received in a yoke 34, to which it is fulcrumed by a pin 35 extending between the members of which the post is composed, the yoke being journaled on a vertical spike 36, which is thrust into the ground or other member when the gun is set. This manner of supporting the gun through the post adapts the gun to swing both vertically and horizontally and be automatically aimed to the point desired by the pull on the firing lanyard.

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

1. A trap gun comprising a stock having a notch, a post in connection with the stock, having means for supporting the gun and provided with an outwardly-extended arm, a barrel fulcrumed on the arm to swing to and from operative position, a hammer movable over and guided on the stock and having a catch adapted to engage in the notch of the stock when the hammer is retracted from the barrel, a spring by which the hammer is carried, tending to force the hammer toward the barrel, and a trigger fulcrumed to the stock and having a portion arranged to lift the tail of the hammer and release the catch from the notch when the trigger is drawn forwardly.

2. In a trap gun, a stock, a post rigid with the stock, having an outwardly-extended arm, a barrel carried by the arm, a yoke in which the lower end of the post is fulcrumed to swing in a vertical plane, and a vertical spike on which the yoke is revoluble.

3. In a trap gun, a support having a laterally-extended arm, a barrel fulcrumed on the arm adapting it to swing to one side and having a recess at its under side, and a spring finger fixed to the arm and arranged to engage in a recess at the under side of the

barrel and retain the barrel in operative position.

4. A trap gun comprising a downwardly and rearwardly-curved stock, a hammer guided on the outer curved side of the stock, having a pivot-pin transversely arranged near its firing point, and springs by which the hammer is carried, secured to the opposite ends of the pivot-pin.

5. In a trap gun, a downwardly and outwardly-inclined stock, a hammer movable over and guided on the outer side of the stock, and a spring having an arm by which the hammer is carried.

6. In a trap gun, a stock, a supporting post, said stock and post being constructed of a bar bent upon itself at the lower end of the post and stock, forming each of a double length of the bar, with one length arranged in front of the other, and with the front length of the post laterally extended at its upper end to provide an arm, and a barrel fulcrumed on the arm to swing to and from operative position.

7. A trap gun comprising a downwardly and rearwardly-curved stock, a supporting post rigid with the stock, projections arranged at the opposite sides of the post approximately concentric to the outer curved side of the stock, a hammer movable over the outer curved side of the stock and having projections extending from the opposite sides thereof, and a spring of a single length of wire bent upon itself intermediate its length to provide a finger-piece for retracting the hammer, each length of wire being connected to the projections at one side of the trigger and post and secured at its outer end to the lower portion of the stock.

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

WILLIAM MILTON LINDSEY.

Witnesses:

J. S. ALLISON,  
O. W. DRENNAN.