

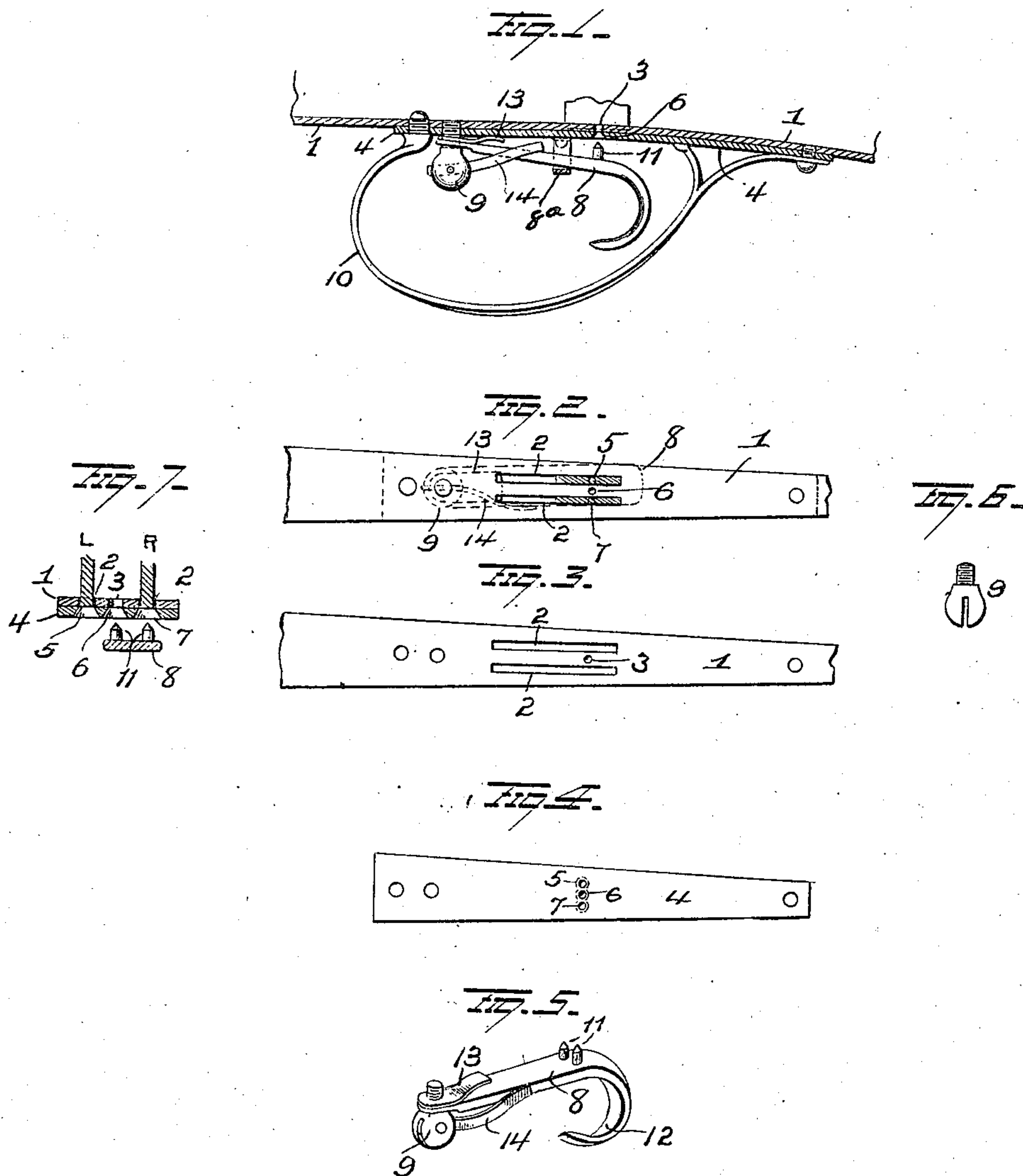
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PATENTED FEB. 18, 1908.

J. C. LODOR.

TRIGGER.

APPLICATION FILED NOV. 3, 1906.



WITNESSES

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JAMES CRAIG LODOR, OF WILMINGTON, NORTH CAROLINA.

TRIGGER.

No. 879,185.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed November 3, 1906. Serial No. 341,920.

To all whom it may concern:

Be it known that I, JAMES CRAIG LODOR, a resident of Wilmington, in the county of New Hanover and State of North Carolina, have invented certain new and useful Improvements in Triggers; and I do hereby 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 relates to improvements in triggers, and more particularly to improved single triggers for double barreled fire arms, the object of the invention being to provide an improved trigger which may be attached to fire arms on the market and to new fire arms as well and which is moved by the finger of the operator to position the trigger to fire either barrel, and the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in side elevation illustrating one form of my improvements. Fig. 2 is a plan view thereof and Figs. 3, 4, 5, 6, and 7, are views of details of construction.

1 represents the bottom or trigger plate of the fire arm having parallel slots 2 for the triggers, but in applying my improvements, the triggers are cut off flush with the external side of the plate, and an opening 3 is provided between the slots. Over this plate 1, an auxiliary plate 4 is secured and made with three openings 5, 6, and 7, the central opening 6 alining with opening 3 and the openings 5 and 7 alining with the slots 2.

8 represents my improved trigger, pivoted at its forward end by a screw or stud 9, or the trigger may be pivoted at a point further back or to the trigger guard 10, as preferred. The trigger 8 is provided on its upper face, near its rear end, with two pins 11, having beveled or pointed ends, and these pins 11 are adapted to enter the holes 5, 6, and 7, and operate the trigger or firing mechanisms as will hereinafter appear. A guide loop 8^a for the trigger, projects from the plate 4 at a point forwardly of the pins 11.

The rear end of the trigger is curved downward, then forward and then slightly upward, forming a bowed finger receptacle 12, and as the trigger is twisted laterally to correspond with the normal angle of a finger resting thereon, the operator can readily

swing the trigger laterally in both directions, as will be readily understood.

A spring 13 is provided normally holding the trigger pins 11 out of the openings, and another bent spring 14 holds the trigger in both operative positions and guides its operation.

The spring 14 is shifted from one side of the trigger to the other for the purpose of impelling said trigger laterally in either direction. When it is desired to fire the right hand barrel, the trigger will be positioned to bring its left hand pin 11 into opening 6 and its right hand pin into opening 7, and when the trigger is positioned, the operator can shift the spring 14 to the other side of said trigger, so that when the trigger has been released after firing the barrel, it will be pressed laterally by the spring 14, toward firing position for the other barrel. When the trigger has been positioned for the right hand barrel and pulled, the firing mechanism for the right hand barrel will be operated. When the right hand barrel has been fired, the spring 14 will tend to move the trigger 8 laterally to bring the right hand pin 11 in line with opening 6 and the left hand pin in line with opening 5, when a pull on the trigger will cause the left hand pin 11 to discharge the firing mechanism for the left hand barrel. The lateral movement of the trigger may be assisted by the operator.

On newly made fire arms, the plate 1 is dispensed with and plate 4 substituted therefor, and suitable means may be provided to compel the operator to fire a certain barrel first, to fire one barrel only, to lock the trigger at safety position, and to perform all other functions of fire arms now on the market.

A great many slight changes might be made in the general form and arrangement of the parts described without departing from my invention, and hence, I do not restrict myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. The combination with a fire arm, of a stud projecting therefrom, a laterally movable trigger pivotally connected with said stud, means on said trigger for operating different firing means, and a spring secured to the stud and bearing laterally against the trigger.

2. The combination with a fire arm, of a stud projecting therefrom, a laterally movable trigger having a pivotal connection with said stud, two springs attached to the stud, 5 one of said springs operating to move the trigger and maintain it in its normal position, and the other of said springs bearing laterally against the trigger, and means on the trigger for operating the firing means of the 10 fire arm.

3. The combination with a fire arm plate having three openings therein, the outside openings located below the firing means, of a

trigger pivotally secured to swing laterally on the plate, two pins on the trigger to enter 15 the openings in the plate, one pin to engage the firing means and the other serving as a guide in the central opening.

In testimony whereof, I have signed this specification in the presence of two subscrib- 20 ing witnesses.

JAS. CRAIG LODOR.

Witnesses:

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