No. 815,879.

PATENTED MAR. 20, 1906.

T. M. THORSEN.

GUN LOCK.

APPLICATION FILED SEPT. 21, 1905.

Fig. 1.

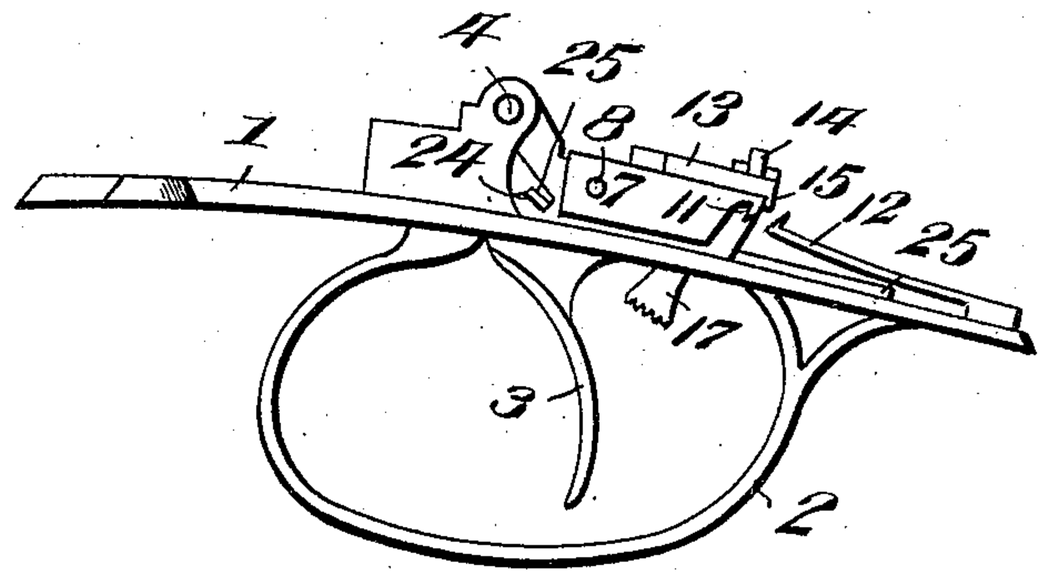



Fig. 2.

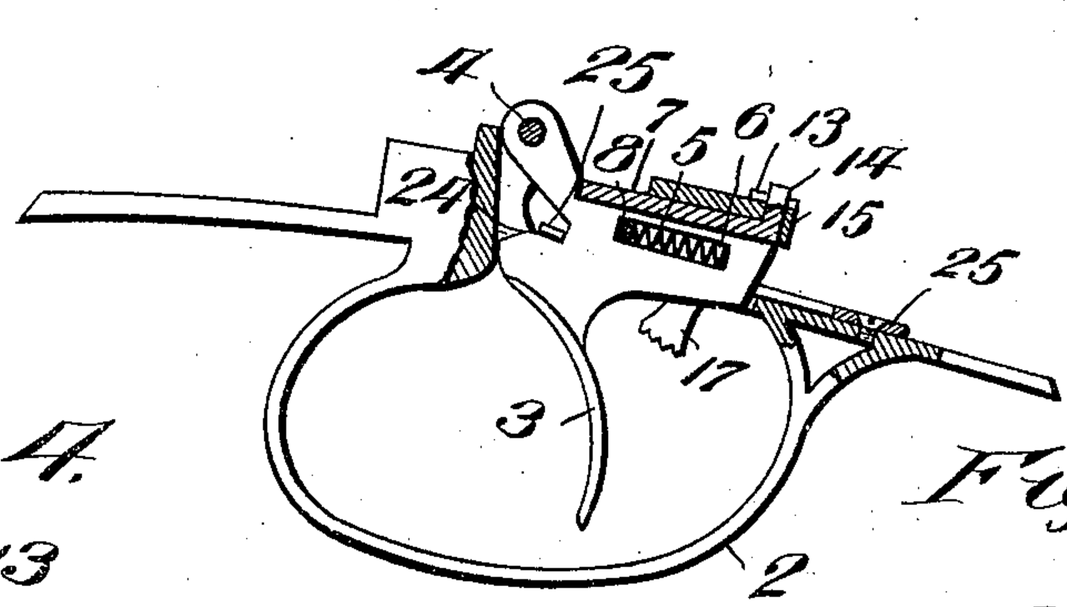



Fig. 4.

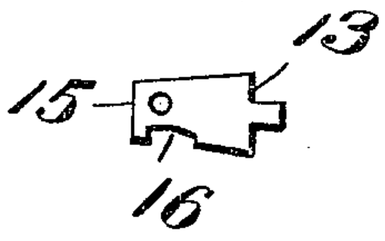



Fig. 5

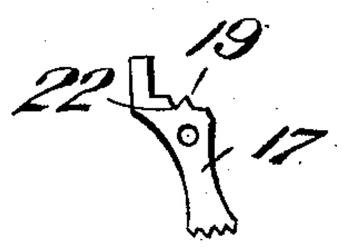
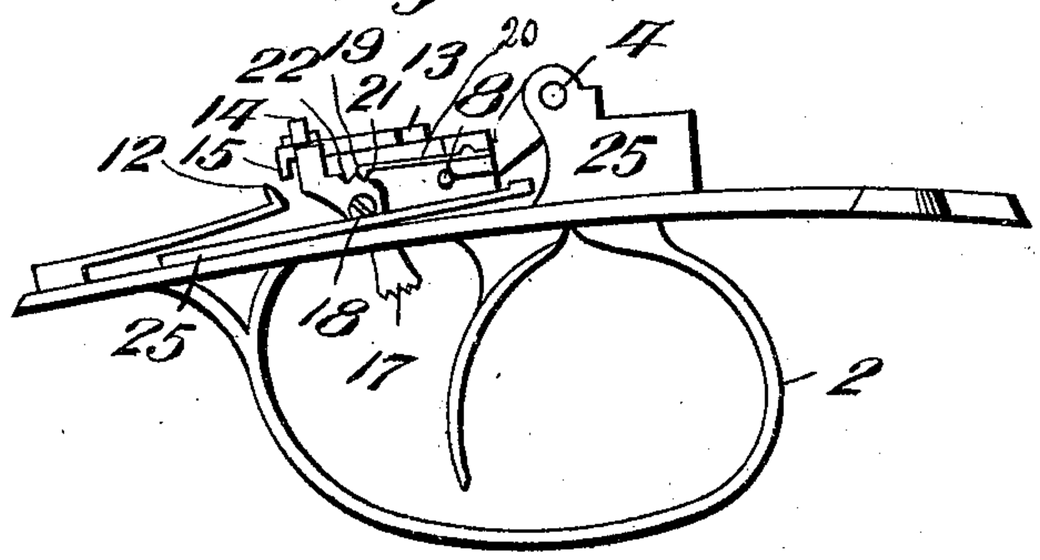



Fig. 3.




Witnesses

C. H. Griesbauer.

Inventor

Theo. M. Thorsen

by H. B. Wilson

Attorney

# UNITED STATES PATENT OFFICE.

THEODORE M. THORSEN, OF PHILADELPHIA, PENNSYLVANIA.

## GUN-LOCK.

No. 815,879. Specification of Letters Patent. Patented March 20, 1906.

Application filed September 21, 1905. Serial No. 279,495.

*To all whom it may concern:*

Be it known that I, THEODORE M. THORSEN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Gun-Locks; 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.

This invention relates to gun-locks; and the principal object sought to be attained is to provide means whereby a double-barrel gun may be discharged by a single trigger and either barrel of said gun may be fired first at the will of the operator. These and other objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a side view of a trigger-plate upon which my improved mechanism is mounted. Fig. 2 is a longitudinal section of the same. Fig. 3 is a side view of the same, taken from the opposite side to Fig. 1. Fig. 4 is a plan view of the shifting device, and Fig. 5 is a side view of the lever for operating the shifting device.

The numeral 1 designates a trigger-plate. 2 is a trigger-guard, and 3 is a trigger pivoted at 4 and provided with a recess 5, in which the spring 6 is mounted. A catch-plate 7, adapted to slide upon the trigger and connected by a pin 8 to the spring, is provided at its rear end with a hook 11, adapted to be engaged with a spring 12, secured to the trigger-plate. A shifting device 13 is pivoted at 14 to said catch-plate and is provided with a rearwardly-projecting point or bearing 15, adapted to serve as a safety-stop. At one side of said shifting device a recess 16 is provided, said recess being of cam shape, and a lever 17 is pivoted at 18 to the side of the catch-plate and is provided with a cam projection 19, adapted to be engaged by a spring 20, the free end of which is enlarged, as at 21, and adapted to fit the cam-recesses 22 at opposite sides of the projection 19. The upper end of this lever engages the surfaces of the cam-recess in the shifting device, and the lower end of said lever is roughened and projects through the trigger-plate and is adapted to be operated to move the shifting device from one side to the other to fire either the right or the left barrel of the gun. The front end of the trigger is provided with a hook 24, and a spring 25, secured to the trigger-plate, engages said hook and throws the trigger forward to its normal position.

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

A trigger-plate, a trigger mounted thereon, a catch-plate mounted to slide on the trigger, a shifting device provided with a cam-surface, a lever adapted to operate the shifting device and provided with a cam-surface, a spring adapted to engage the lever, and a spring for throwing the catch-plate back into normal position after each operation, substantially as described.

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

THEODORE M. THORSEN.

Witnesses:

ELLING P. THORSEN,

GEO. W. CLEMENT.