

**No. 635,062.**

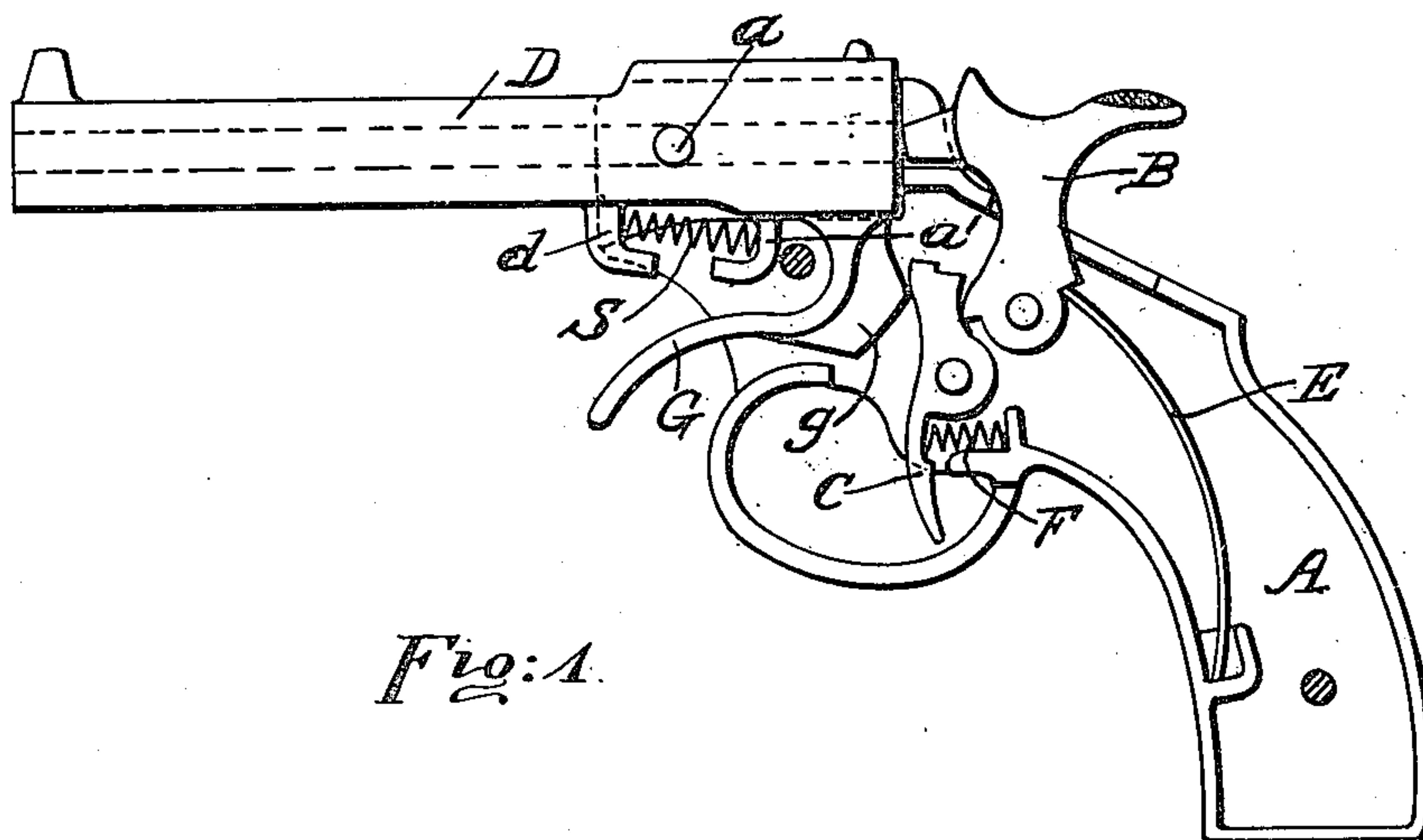
**Patented Oct. 17, 1899.**

**D. SHIELDS.**

**TOY PISTOL.**

(Application filed Oct. 21, 1898.)

(No Model.)



*Fig: 1.*

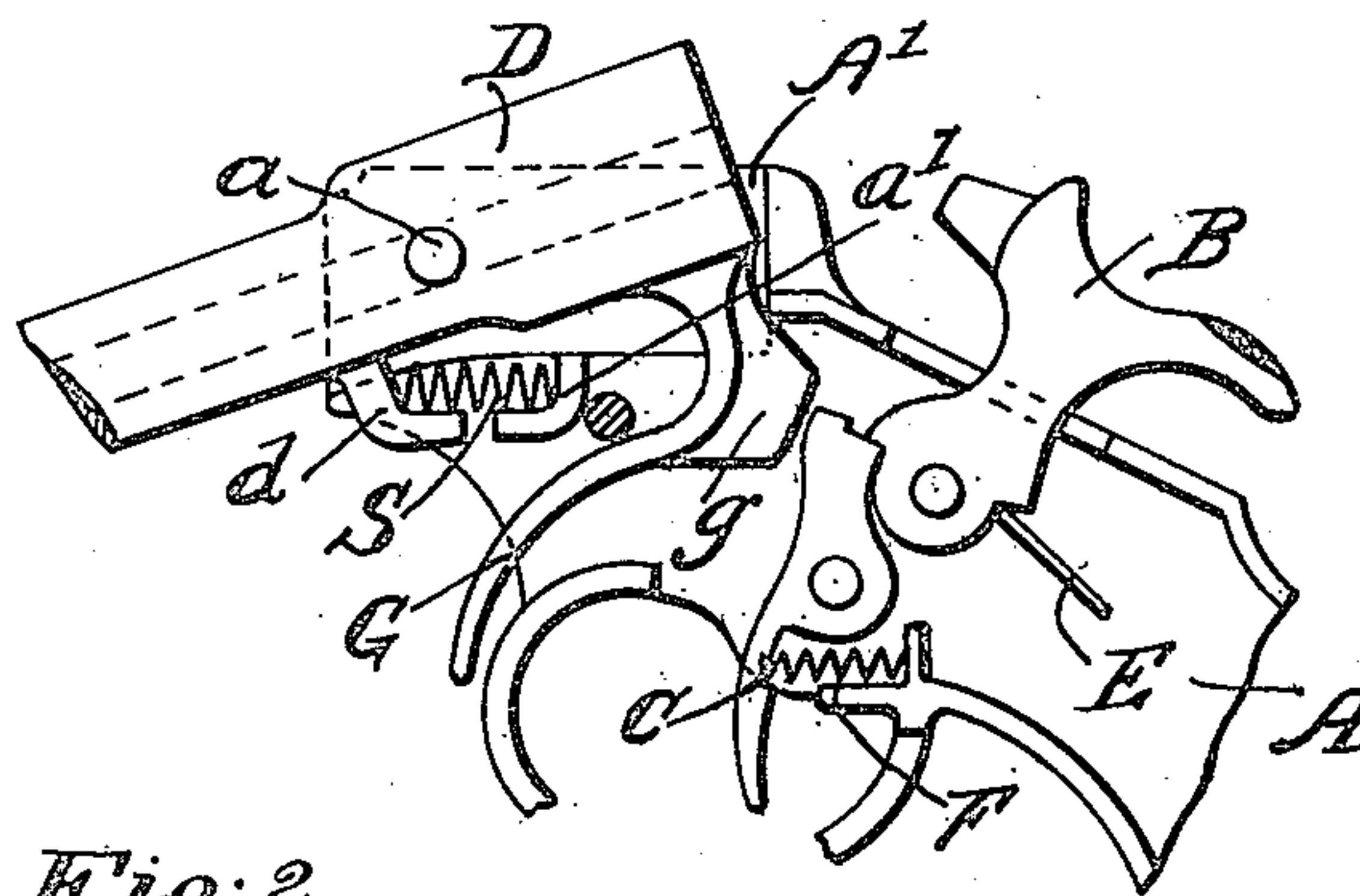


Fig: 2.

Witnesses  
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By his Attorney *Edwin H. Brown*

# UNITED STATES PATENT OFFICE.

DAVID SHIELDS, OF ERIE, PENNSYLVANIA, ASSIGNOR TO THE DETWILLER & STREET FIREWORKS MANUFACTURING COMPANY, OF NEW YORK.

## TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 635,062, dated October 17, 1899.

Application filed October 21, 1898. Serial No. 694,246. (No model.)

*To all whom it may concern:*

Be it known that I, DAVID SHIELDS, of Erie, county of Erie, and State of Pennsylvania, have invented a new and useful Improvement  
5 in Toy Pistols, of which the following is a specification.

My invention although described with reference to a toy pistol may be applied to firearms generally.

10 The object of my invention is to prevent the accidental discharge of a firearm by securing the barrel in a tilted position when loading and to prevent the release of the hammer during such time and to hold the barrel  
15 securely when in a closed position.

In the accompanying drawings, Figure 1 is a view partly in section and partly in elevation, one side of the grip or handle being removed to show the interior construction.  
20 Fig. 2 is a similar view of the upper portions thereof, illustrating different positions.

Similar letters of reference designate similar parts in both views of the drawings.

A designates the handle or stock of the  
25 pistol.

B designates the hammer, and C designates the trigger.

D designates a barrel pivoted by trunnions *a* to cheeks *A'* of the stock, so that it may be  
30 tilted from the operative position, as shown in Fig. 1, into a position for loading, as illustrated by Fig. 2.

The hammer is actuated by a spring E in a well-known manner, and the trigger is actuated by a spring F to engage with the hammer.  
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The rear portion of the barrel D is provided with a finger-piece G, which, preferably, will be formed integral with it. This finger-piece extends downwardly and forwardly and is  
40 provided with a lug *g*, extending considerably to the rear and into proximity with the upper end of the trigger. It will be seen that the upper end of the trigger is adapted to engage the lug *g* to hold the barrel in a tilted position and so that said lug will prevent the  
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trigger being operated to release the hammer while the barrel is tilted. This is an element of great safety, because it precludes the trigger from permitting the descent of the hammer until after the adjustment of the barrel  
50 to its operative position.

The barrel is adjusted automatically into its operative position by means of a spring S of helical form and inclosed at the forward end by a lug *d*, extending from the barrel forward of its pivot downwardly and then rearwardly. The rear end of this spring is inclosed by a similar lug *a'*, formed integral with the stock of the pistol. This spring is very simple in construction, reliable in action,  
55 and in the described combination with lugs *d* and *a'* is not liable to be displaced.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a firearm, the combination with a barrel provided at the breech end with a finger-piece G and a lug *g*, of a trigger whose upper extremity engages with the said lug to hold the barrel in a tilted position, a lug *d* secured to the barrel and extending downwardly and rearwardly therefrom, a lug *a'* secured to the stock and extending downwardly and forwardly therefrom, and a helical spring interposed between said lugs for restoring the barrel to an operative position and retaining it there, substantially as described.  
65 70 75

2. In a firearm, the combination of a tilted barrel provided with a lug *d* extending downwardly and rearwardly, and a stock provided with a lug *a'* extending downwardly and forwardly, and a helical spring interposed between said lugs for restoring the barrel to an operative position and retaining it there.  
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In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.  
85

DAVID SHIELDS.

Witnesses:

MATTHEW GRISWOLD, Jr.,  
H. J. CURTIZE.