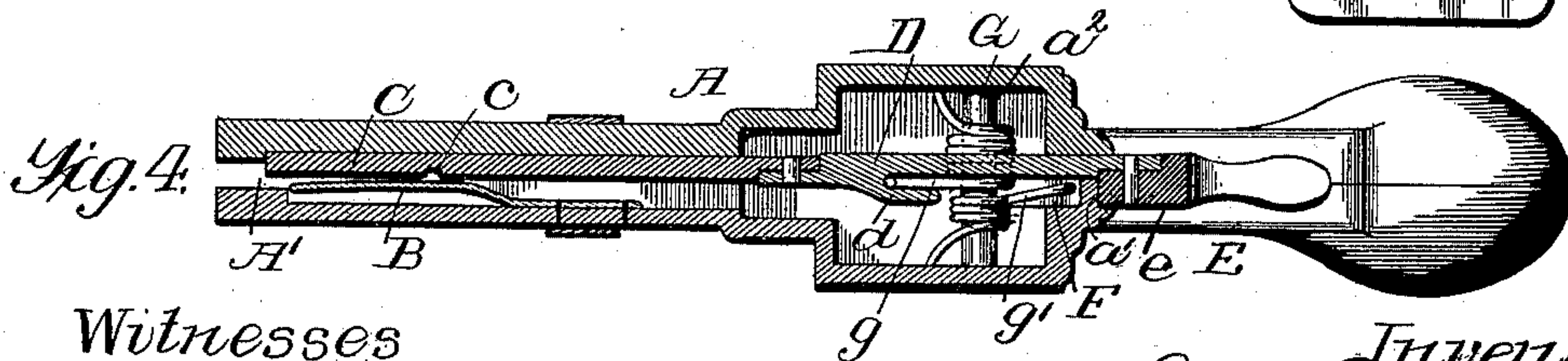
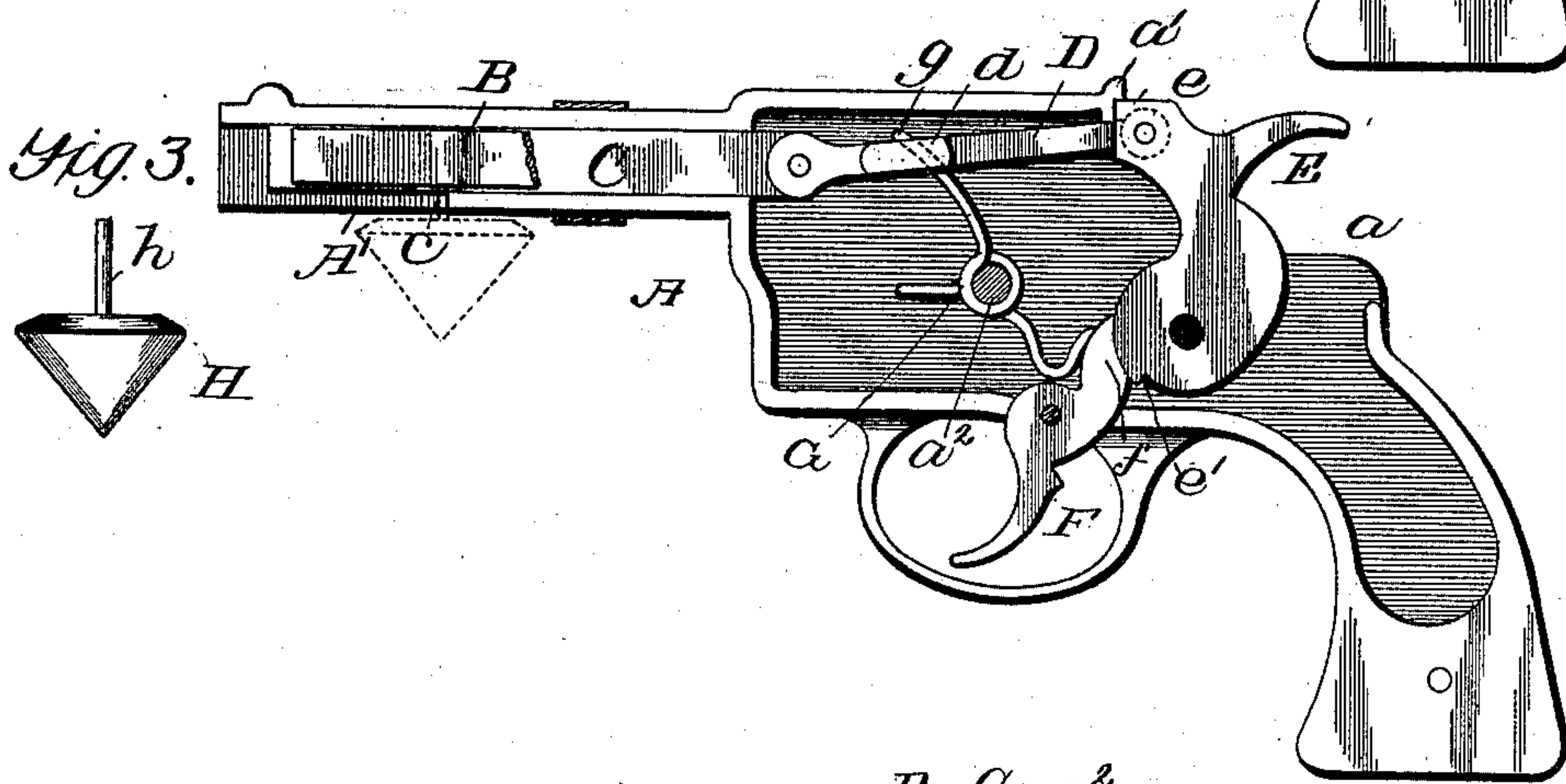
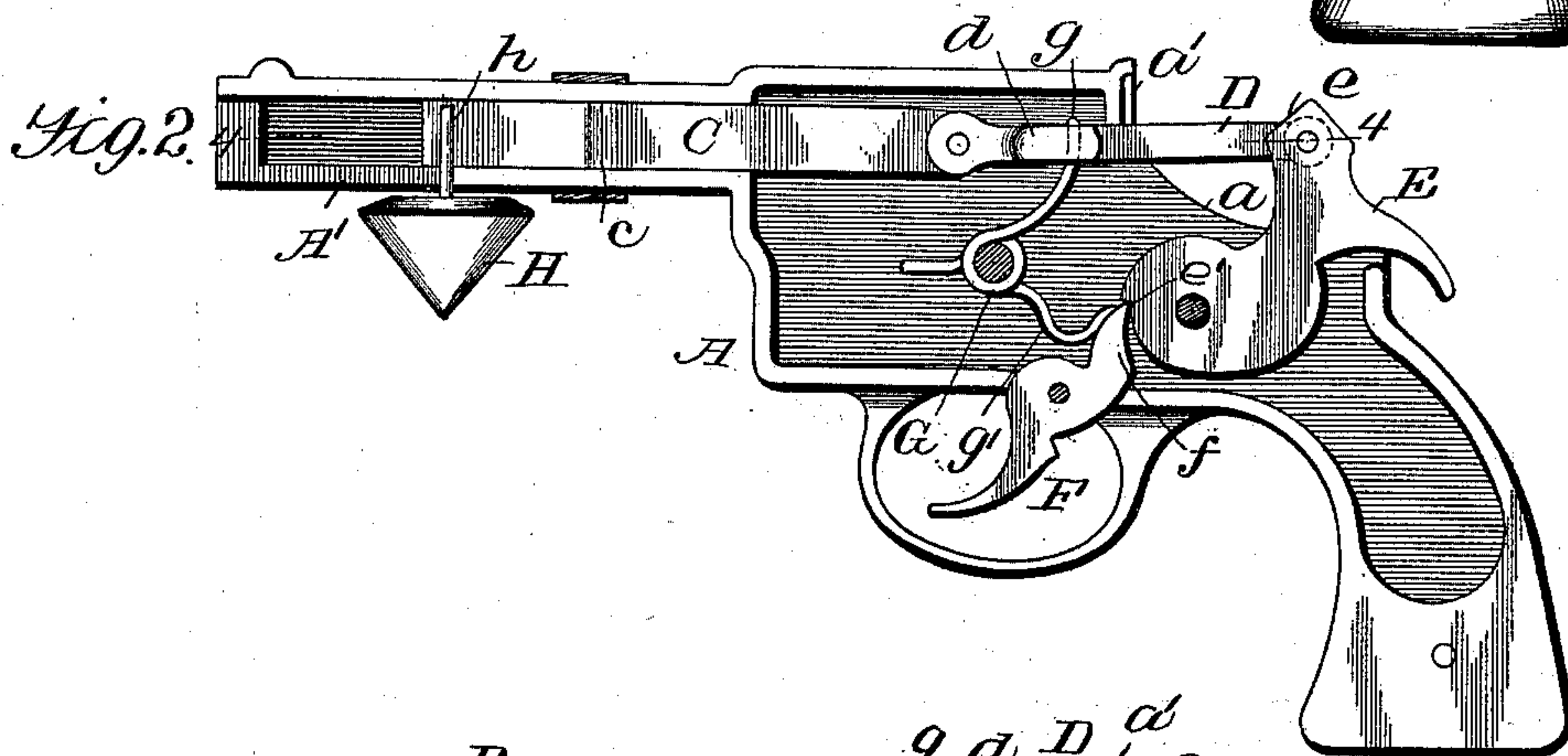
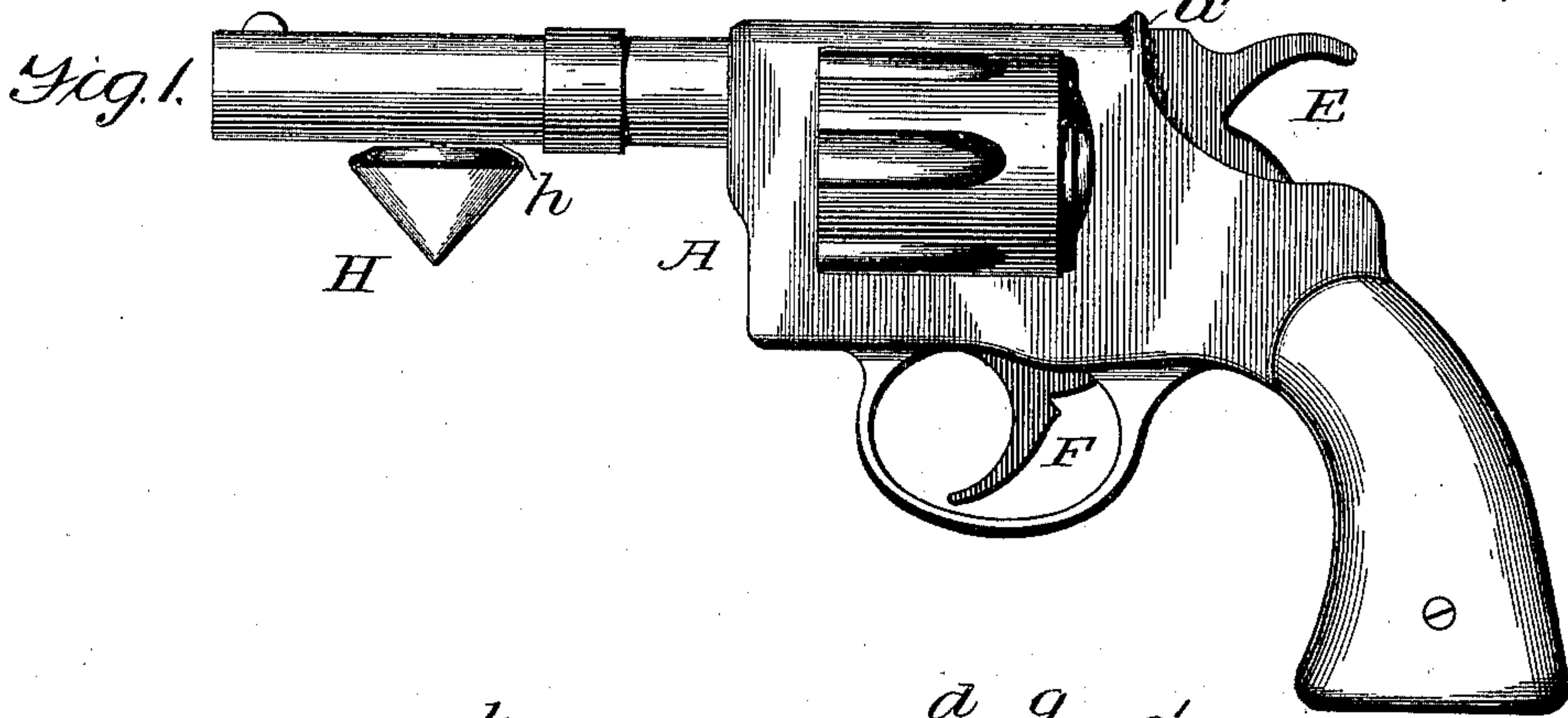


(No Model.)

J. R. CLUXTON.  
TOP SPINNING TOY.

No. 561,492.

Patented June 2, 1896.



Witnesses  
Jos. C. Stack  
James R. Mansfield

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# UNITED STATES PATENT OFFICE

JAMES R. CLUXTON, OF LONDON, OHIO, ASSIGNOR OF ONE-HALF TO WALTER C. CLARK, OF PEWAUKEE, WISCONSIN.

## TOP-SPINNING TOY.

SPECIFICATION forming part of Letters Patent No. 561,492, dated June 2, 1896.

Application filed November 29, 1895. Serial No. 570,458. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES R. CLUXTON, of London, in the county of Madison and State of Ohio, have invented certain new and useful  
5 Improvements in Top-Spinning Toy Pistols; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked  
10 thereon, which form a part of this specification.

This invention is an improvement in combined toy pistols and top-spinning devices; and it consists in the novel construction and combination of parts hereinafter described,  
15 claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the toy. Fig. 2 is a longitudinal vertical section through the same, showing the parts "cocked" ready to be  
20 discharged. Fig. 3 is a similar sectional view of the parts after "firing." Fig. 4 is a horizontal detail section on line 4 4, Fig. 2.

A designates a case which is composed of two longitudinal halves united in any desired  
25 manner and shaped so as to appear like an ordinary pocket-revolver. Within the "barrel" portion of the case is a flat spring B, which is fastened to one side thereof at its rear end, while its front end presses closely  
30 against a bar C, which is adapted to be moved longitudinally beside spring B. The rear end of bar C is connected by a link D to the hammer E, which is pivoted in the handle portion of the case, and projects through a suitable slot *a* in the upper side of the case, so  
35 that it can be cocked like an ordinary pistol-hammer. The hammer has a head *e*, which is adapted to strike a cap placed in the ordinary paper-cap holder *a'* on the case when the  
40 device is "fired."

The pivoted end of the hammer has a notch *e'* in its side, which, when the hammer is cocked, is engaged by a dog *f* on the upper end of the trigger-piece F, which is pivoted in the handle  
45 of the case, the trigger end depending through a slot in the case, as shown.

A spring G is coiled on a transverse lug *a*<sup>2</sup> in the handle in front of the hammer, and one projecting end *g* of the spring is engaged  
50 with a notch *d* in the side of link D, so as to normally force said link forward, thereby

pulling the hammer down and projecting bar C forward. The other end of spring G may be arranged to bear on the dog *f*, so as to cause it to engage notch *e*, but as spring G  
55 should be quite stiff it may be found preferable to use a weaker spring *g'* to press the dog *f* against the hammer.

In the under side of the barrel in line with the inner edge of bar C is a slot A', which extends inward beyond the front end of spring B, as shown. In the under edge of bar C is a notch *c*, which, when the bar is in its forward position, is brought to the rear end of slot A', as shown.  
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H designates a top having a short spindle *h* in line with the gravital axis of its body, which may be of any desired construction.

In using the toy the spindle *h* of the top is inserted between bar C and spring B by introducing it at notch *c*. Then the hammer is cocked, drawing back the bar C and bringing the spindle of the top back to the rear end of slot A'. Upon pulling the trigger the hammer is released and spring E drives bar C forward quickly. As bar C moves forward it rolls the spindle *h* of the top along the end of spring B, thereby rotating the top very rapidly, and as soon as the spindle rolls off the end of spring B the top drops down and forwardly and spins merrily away, to the great amusement of the youngsters. Another top may be then placed in position, the hammer cocked, and the top fired to spin like the other. One pistol and several tops form a satisfactory outfit.  
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Having thus described my invention, what I therefore claim as new, and desire to secure by Letters Patent thereon, is—

1. In a toy, the combination of a pivoted hammer, a trigger, a sliding bar, a link connecting said bar to the hammer, a spring for projecting said bar when the hammer is released, and a flat spring beside said sliding bar; with a top having a shank adapted to be inserted between the bar and flat spring, substantially as described.  
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2. In a combined toy pistol and top-spinning device, the combination of a case shaped like a revolver, and having a longitudinal slot in its barrel; a hammer and a trigger in the handle part of the case, a flat spring and a slid-  
100

ing bar in the barrel of the case, a link piv-  
otally connected to the hammer and said bar,  
and a spring engaging said link, adapted to  
be tensioned when the hammer is cocked, and  
5 to snap the hammer and project the bar sub-  
stantially as described; with a top having a  
shank adapted to be inserted between the bar  
and flat spring, whereby it is caused to spin  
and released when the pistol is fired, all sub-  
10 stantially as and for the purpose described.

3. The herein-described toy pistol, and top-  
spinner, consisting of the two-part case shaped  
like a pocket-revolver and having a slot in the  
under side of its barrel; a hammer pivoted in  
15 the handle part, a combined dog and trigger

pivoted below the handle; a flat spring fas-  
tened to one side of and within the barrel, a  
sliding bar lying beside said spring having a  
notch on its inner face; a link connecting said  
bar to the hammer, and a concealed spring 20  
having one end bearing against the link, sub-  
stantially as set forth.

In testimony that I claim the foregoing as  
my own I affix my signature in presence of  
two witnesses.

JAMES R. CLUXTON.

Witnesses:

JAMES R. MANSFIELD,  
DAVID E. MOORE.