

(No Model.)

G. W. EDDY.

TOY PISTOL.

No. 247,029.

Patented Sept. 13, 1881.

Fig. 1

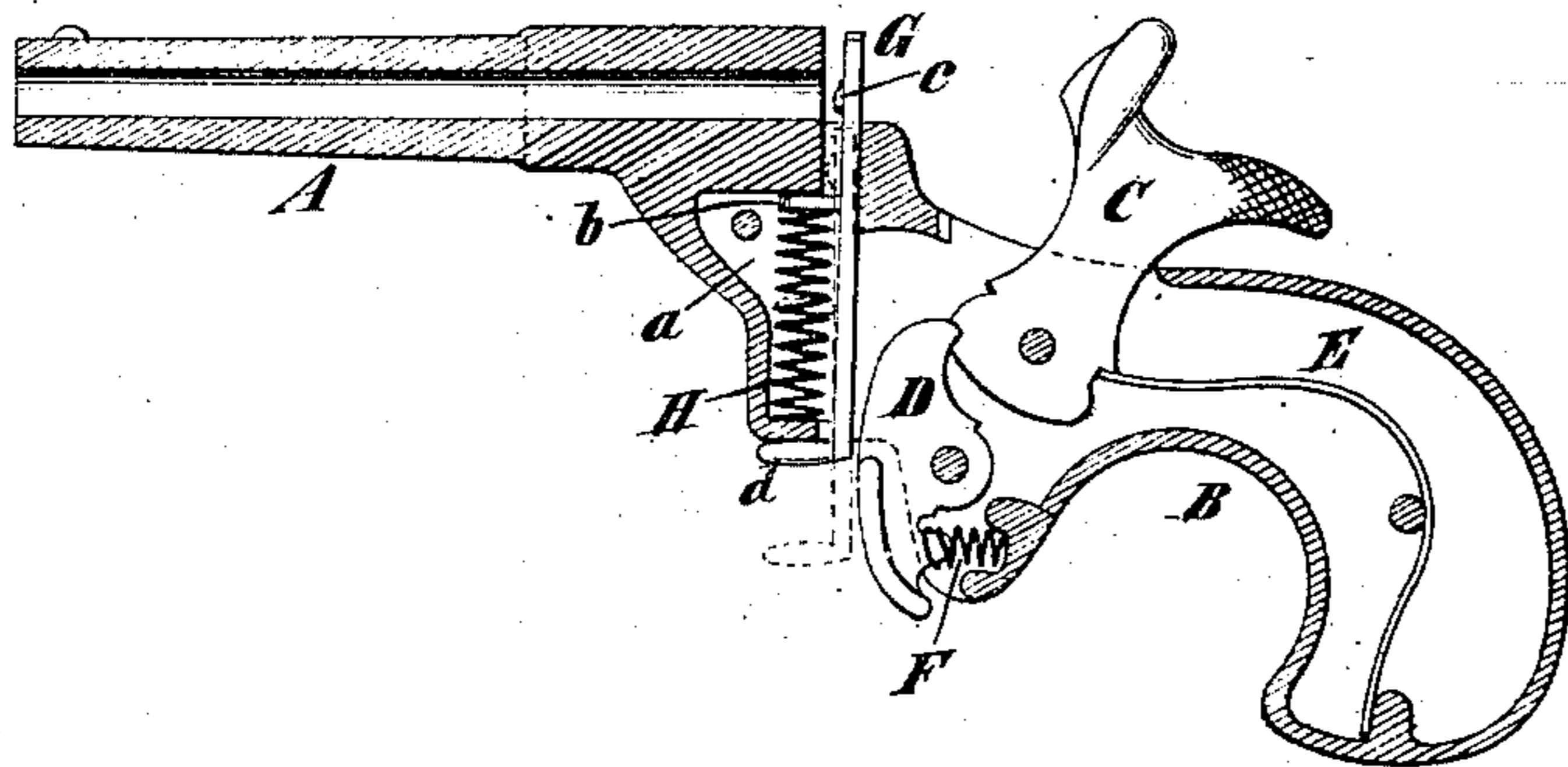
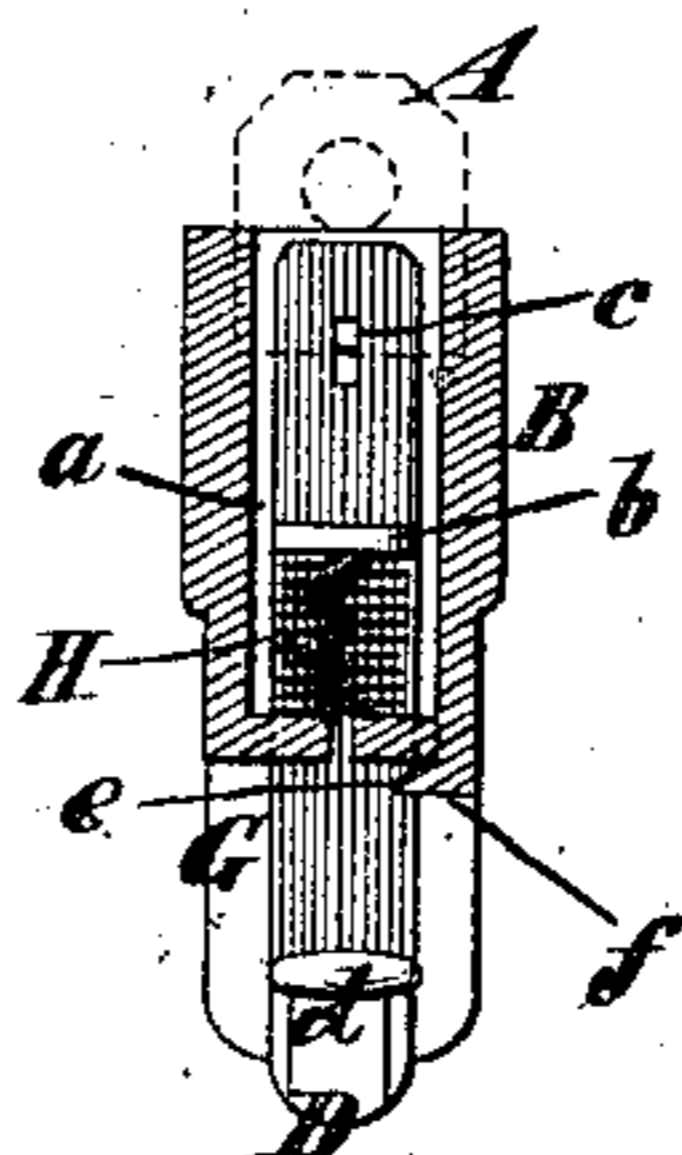


Fig. 2



Witnesses:-

Wm. H. Hays
Ed. Blatzmayer

Inventor:

George W. Eddy
by his Attorney
Rowan & Rowan

UNITED STATES PATENT OFFICE.

GEORGE W. EDDY, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
CHARLES G. STREET, OF BROOKLYN, NEW YORK.

TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 247,029, dated September 13, 1881.

Application filed April 9, 1881. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. EDDY, of New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Fire-Arms, of which the following is a specification.

The object of my improvements is to render fire-arms less dangerous by reducing their liability to be fired accidentally.

10 To this end my invention consists in the combination, in a fire-arm with a barrel and hammer, of a stock having a slideway through it from its upper to its under side in rear of the barrel, and a breech-plate arranged in said
15 slideway, said stock and breech-plate being so constructed and adapted to each other that the breech-plate may be slid into or out of a position between the breech of the barrel and the hammer and impelled forward in the slide-
20 way by the hammer to discharge ammunition in the barrel.

The invention also consists in the combination, in a fire-arm, of a barrel, a hammer, a stock having a slideway through it from the
25 upper to the under side in rear of the barrel, and provided with a catch, and a breech-plate arranged in said slideway, the said parts being so constructed and adapted to each other that the breech-plate may be slid up into a position
30 between the breech of the barrel and the hammer, and so that when slid out of such position it may be made to engage with the catch on said stock by a transverse movement.

In the accompanying drawings, Figure 1 is a
35 longitudinal section of a toy pistol embodying my improvements, and Fig. 2 is a transverse section of the same taken just in rear of the barrel and looking toward the stock or handle.

Similar letters of reference designate corresponding parts in both figures.

40 A designates the barrel, B the stock and handle, C the hammer, and D the trigger, of the fire-arm. They may all be substantially of ordinary form. The hammer is actuated
45 by a spring, E, and the trigger is operated so as to engage with the hammer by a spring, F.

G designates a breech-plate arranged in rear of the barrel and forward of the hammer in a slideway extending through the stock from

the upper to the under side thereof. It is im- 50
pelled upward by a spring, H, so that its upper end intrudes itself between the breech or rear end of the barrel and the hammer. This spring H is arranged in a chamber, *a*, below the breech or rear end of the barrel in the stock, 55
and acts between the bottom of this chamber, which forms a shoulder, and a lug, *b*, extending forward from the breech-plate. The upper end of the breech-plate is provided on the side nearest the barrel with a rigidly-affixed firing-pin, 60
c. When the hammer is impelled forward it comes in contact with the breech-plate and impels its upper end forward, thereby effecting the discharge of ammunition in the barrel.

In moving forward it rocks on a lug, *d*, with 65
which it is provided at the lower end below the stock, and which bears on the bottom of the chamber *a*. This lug, which is below the stock, may therefore be regarded as a fulcrum-piece. It also, in this example of my inven- 70
tion, constitutes a finger-piece, by means of which the breech-plate may be manipulated. The breech-plate is pulled downward, as indicated by dotted lines in Fig. 1 and as shown in Fig. 2, to expose the breech or rear end of 75
the barrel and facilitate loading. When in this position its lower end extends in front of the portion of the trigger which is grasped to pull the trigger and prevents the latter from being reached so as to release the hammer ac- 80
cidentally.

The breech-plate may be provided with a notch, *e*, and the chamber *a* may be provided with a catch, *f*, with which the said notch may be engaged by moving the lower end of the 85
breech-plate slightly transversely. When the breech-plate is released from the catch the spring H impels it upward into its normal position and holds it there. When the breech-plate is pulled down ammunition in the barrel 90
cannot be discharged, because the hammer cannot reach it, but can only impel the breech-plate when in its normal position toward the ammunition.

The firing-pin may consist of a separate piece 95
riveted to the breech-plate, or may be upset from or stamped up on the breech-plate. Indeed, the firing-pin may be omitted and the

breech-plate may be provided with a hole or opening, through which a firing-pin or elongated nose on the hammer may extend to the ammunition. In the latter case the safety of the fire-arm during loading will be due to the fact that the breech-plate, when drawn down, will prevent access to the trigger.

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

- 10 1. In a fire-arm, the combination, with a barrel and a hammer, of a stock having a slideway through it from its upper to its under side in rear of the barrel, and a breech-plate arranged in said slideway, said stock and breech-plate being so constructed and adapted to each other that the breech-plate may be slid into or out of a position between the breech of the barrel and the hammer and impelled forward in the slideway by the hammer to discharge

ammunition in the barrel, substantially as specified.

2. In a fire-arm, the combination of a barrel, a hammer, a stock having a slideway through it from its upper to its under side in rear of the barrel, and provided with a catch, and a breech-plate arranged in said slideway, the said parts being so constructed and adapted to each other that the breech-plate may be slid up into a position between the breech of the barrel and the hammer, and so that when slid out of such position it may be made to engage with the catch on said stock by a transverse movement, substantially as specified.

GEO. W. EDDY.

Witnesses:

T. J. KEANE,

ED GLATZMAYER.