

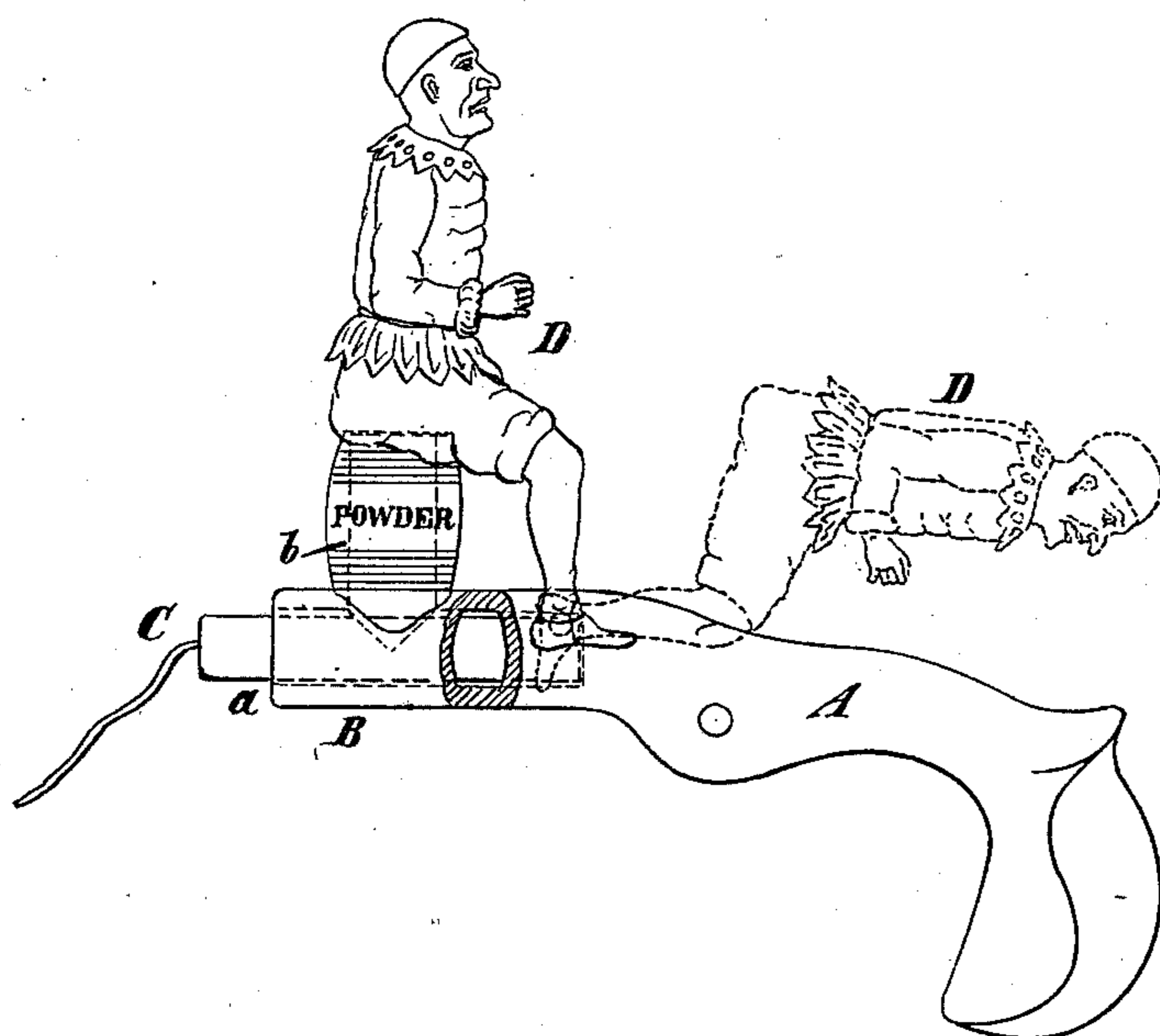
(No Model.)

C. F. RITCHEL.

TOY PISTOL.

No. 258,810.

Patented May 30, 1882.



Witnesses

Chapman Hall
J. H. Leane

Inventor
Charles F. Ritchel
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UNITED STATES PATENT OFFICE.

CHARLES F. RITCHEL, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO EDWARD R. IVES, OF SAME PLACE, AND CORNELIUS BLAKESLEE AND EDWARD G. WILLIAMS, OF BROOKLYN, NEW YORK.

TOY PISTOL.

SPECIFICATION forming part of Letters Patent No. 258,810, dated May 30, 1882.

Application filed January 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES F. RITCHEL, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and
5 useful Improvement in Toys which are Designed to be Used with Explosives, of which the following is a specification.

The improvement relates particularly to toys which are designed for use with caps, fulminate, or fire-crackers; but it may be embodied
10 in toys which are designed for use with other explosives.

The improvement consists in the combination, with a toy designed for use with explosives, and having a barrel which receives gases generated by explosives, and is provided with
15 a transverse opening, of a cover adapted to be applied to said transverse opening, so as to be actuated by gases escaping therefrom, and connected with the toy. The said cover may be connected with the barrel or other part
20 of the toy by pivots, upon which it may swing when actuated by the escaping gases.

The transverse opening may be made in the
25 form of any article appropriate to the effect sought to be produced—such, for instance, as a keg of powder—and the cover actuated by the escaping gases may be also made of any fanciful form, such as the figure of a man sitting on the keg of powder. The effect produced by the escaping gases will then be that
30 of a keg of powder exploding and blowing off the man, and will be provocative of much mirth.

35 The accompanying drawing is a side view of a toy pistol embodying my improvement, the barrel being partly in section, and the device which is actuated by the escaping gases being represented in two positions.

40 This particular pistol is designed for use merely as a holder for fire-crackers. Hence it is not provided with a hammer and trigger or like mechanism.

A designates the stock or hand-piece, and B
45 the barrel. Both may be made of cast-iron, and composed of two longitudinal castings secured together by a rivet or other suitable means. The barrel A, as here shown, has an

open mouth, *a*, from which the fire-cracker C protrudes, and a transverse opening, *b*, so arranged that gases generated by an explosion
50 of the fire-cracker will escape from it. As here shown, this opening is extended some distance from the barrel in the form of a tube, which is externally so formed as to represent
55 a keg of powder.

D designates a device which is adapted to be actuated by the gases escaping from the transverse opening *b* of the pistol-barrel. As
60 here shown, it is made in the form of a man in a sitting posture, adapted to rest on the top of the said opening *b*, and connected to the barrel. The means here employed to connect it
65 consist of pivots passing through the feet or lower portions of the device, and secured to the barrel.

Before the explosion in the barrel occurs the device rests on the top of the opening *b*, and constitutes a cover for the transverse opening, and the appearance of a man sitting on a keg
70 of gunpowder is produced. When the explosion takes place the device is blown off and presents the appearance of a man blown off an exploding keg of gunpowder.

The transverse opening used alone could be
75 made to produce amusing effects—as, for instance, the appearance of a volcano emitting fire; but it must of course be located at a safe distance from the hand-piece, and therefore near the mouth or outer end of the barrel.
80

In some cases, notably in pistols designed for exploding caps and fulminate, the mouth or outer end of the barrel may be closed, and gases produced by the explosion of caps or fulminate outside the barrel may be caused to enter
85 the barrel through a hole in the receptacle in which they are held, so that they will escape from the transverse opening in the barrel, for the purposes hereinbefore stated.

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

1. The combination, with a toy designed for use with explosives, and having a barrel which receives gases generated by explosives, and is provided with a transverse opening, of a cover
95 connected with the toy and adapted to be ap-

plied to the transverse opening, so as to be actuated by gases escaping therefrom, substantially as specified.

5 2. The combination, with a toy designed for use with explosives, and having a barrel which receives gases generated by explosives, and is provided with a transverse opening, of a cover pivoted to the toy and adapted to be applied

to the transverse opening, so as to be actuated by gases escaping therefrom, substantially as 10 specified.

CHARLES F. RITCHEL.

Witnesses:

J. C. CHAMBERLAIN,
WM. L. HERR.