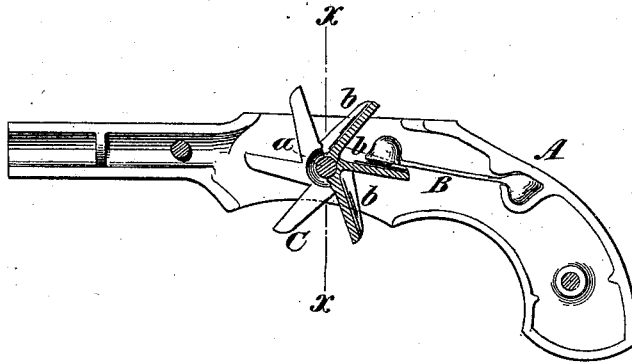


J. BRUNNER.  
Toy-Pistol.

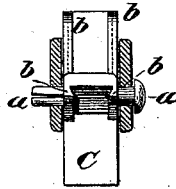
No. 205,240.

Patented June 25, 1878.

*Fig. 1.*



*Fig. 2.*



WITNESSES:  
*Gustave Dietrich*  
*C. Sedgwick*

INVENTOR:  
*J. Brunner*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JULIUS BRUNNER, OF MORRISANIA, NEW YORK.

## IMPROVEMENT IN TOY PISTOLS.

Specification forming part of Letters Patent No. 205,240, dated June 25, 1878; application filed May 24, 1878.

*To all whom it may concern:*

Be it known that I, JULIUS BRUNNER, of Morrisania, in the county of New York and State of New York, have invented a new and Improved Toy Revolver, of which the following is a specification:

Figure 1 is a longitudinal section of my improved toy revolver. Fig. 2 is a transverse section of the revolver-stock, showing the wheel or cylinder in detail.

Similar letters of reference indicate corresponding parts.

My invention relates to that class of toy revolvers that employ percussion-paper as a means of producing an explosive noise.

The invention consists in a stock containing a spring-hammer and a star-wheel, arranged in the stock so as to trip the spring-hammer and explode the percussion-paper carried by the wheel.

Referring to the drawing, A is a stock composed of two halves, in one of which is formed a socket for receiving the butt of the exploding-spring B, which is secured in place by riveting together the two halves of the stock. The spring has upon one end a knob which fills the socket in the stock, and upon the other end a hammer that strikes the explosive paper carried by the star-wheel. A mortise is formed in the stock for receiving the star-wheel C,

which turns upon a removable split pin, *a*, that passes through the sides of the stock. Upon opposite edges of each arm of the star-wheel there are undercut lips *b* that project from one side of the arms for receiving the percussion-paper.

The star-wheel is removed from the stock and a piece of explosive paper is placed on each of its arms. It is then replaced in the stock and operated by turning the star-wheel by means of the arms that project below the stock, which act as triggers. As the wheel revolves the arms engage the spring-hammer and raise it. As it slips off from one of the arms it strikes the explosive paper on the arm below it and explodes it.

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

1. In a toy revolver, the star-wheel C, having the undercut paper-retaining lips *b*, substantially as herein shown and described.

2. The combination, in a toy revolver, of the star-wheel C and the spring-hammer B, substantially as shown and described.

JULIUS BRUNNER.

Witnesses:

GEO. M. HOPKINS,  
C. SEDGWICK.