

No. 714,770.

Patented Dec. 2, 1902.

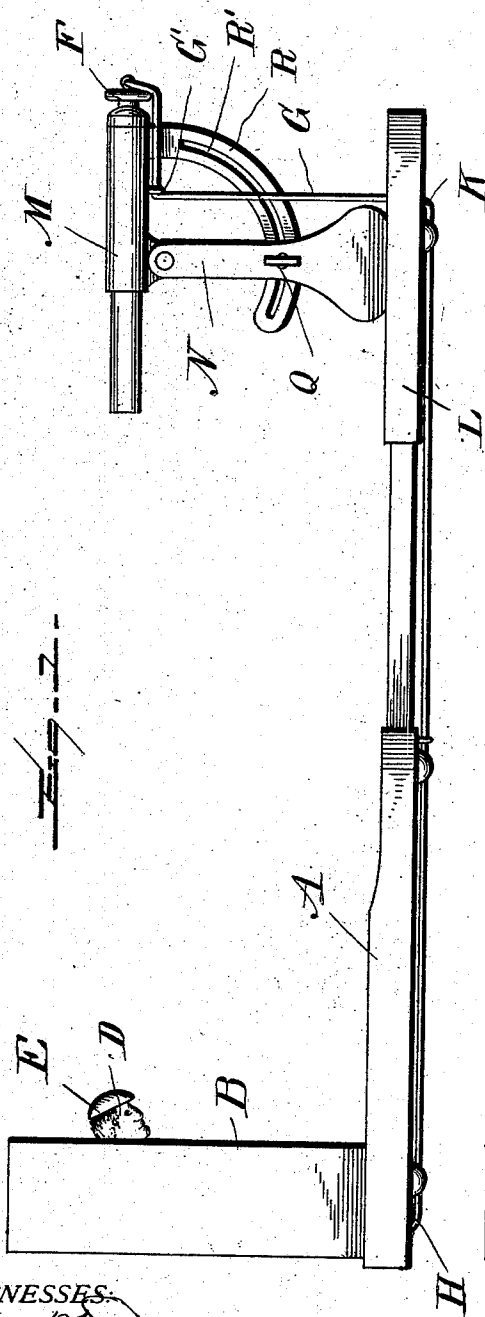
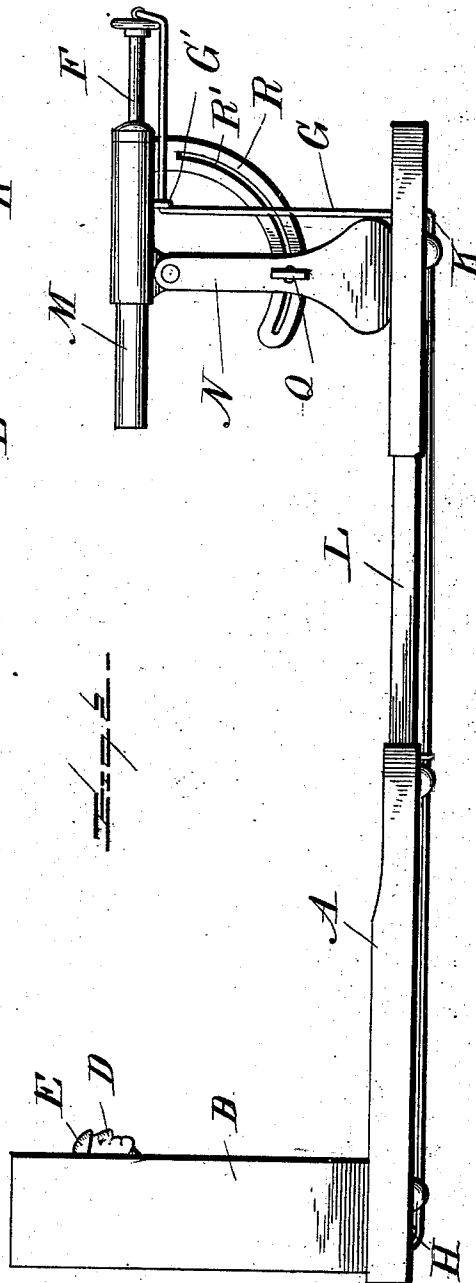
W. A. ZELCH.

TOY TARGET AND GUN APPARATUS.

(Application filed Sept. 16, 1902.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES:

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BY

INVENTOR

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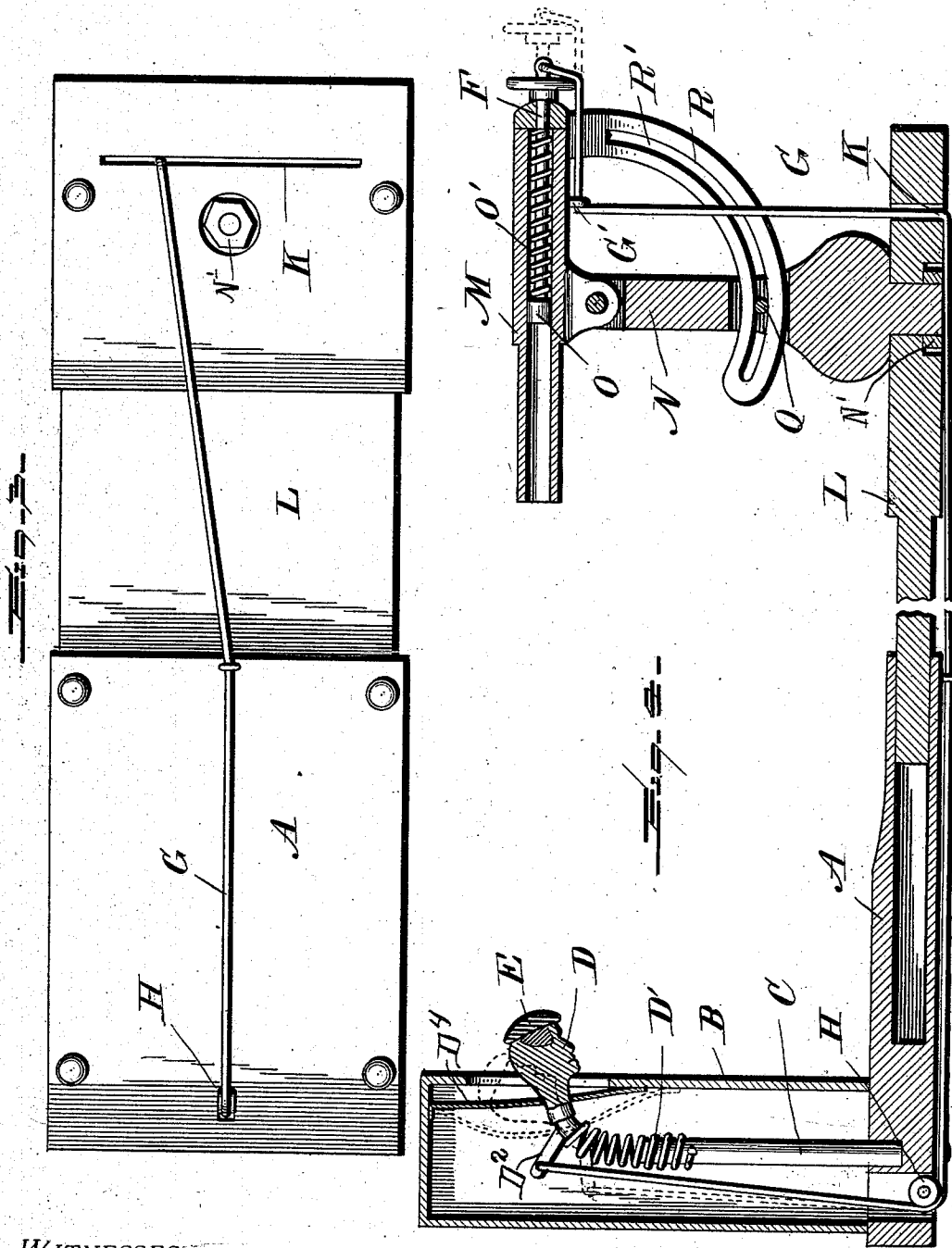
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WITNESSES:

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UNITED STATES PATENT OFFICE.

WALTER ASBERY ZELCH, OF PITTSBURG, PENNSYLVANIA.

TOY TARGET AND GUN APPARATUS.

SPECIFICATION forming part of Letters Patent No. 714,770, dated December 2, 1902.

Application filed September 16, 1902. Serial No. 123,652. (No model.)

To all whom it may concern:

Be it known that I, WALTER ASBERY ZELCH, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toy Targets and Gun Apparatus; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to new and useful improvements in toy apparatus, and particularly in the provision of a target and spring-gun; and it consists, essentially, in the provision of a toy head which is utilized as the target and so mounted upon a suitable support that when the spring-actuated driving-stick mounted in the toy gun is drawn back in the act of firing the ball toward the target the head of the figure will be raised to its
25 highest position facing the gun, and when the operator releases his hold upon the ball-driving plunger of the gun said head is adapted to drop, so that a cushion on the head of the figure will be presented in alinement with
30 the gun to receive the ball.

The invention consists, further, in various details of construction and combinations of parts, as will be hereinafter more fully described and then specifically defined in the
35 appended claims.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

40 Figure 1 is a side elevation of my improved toy, showing the head down to its lowest limit, in position to receive a ball from the gun. Fig. 2 is a similar view showing the head raised in position which the figure will assume when the spring-actuated plunger is drawn back in the gun. Fig. 3 is a bottom
45 plan view of the device. Fig. 4 is a longitudinal vertical sectional view through the apparatus.

50 Reference now being had to the details of the drawings, A designates a platform having an upright casing B, in which a pedestal

C is mounted, upon which a head D is supported by means of a spring D', said head being adapted to be inserted through an aperture in the wall of the casing and to serve as a target. The top of the head is formed into a cushion, as shown at E, in order to receive the force of a ball which is driven from a toy gun which will be hereinafter described. Connected to the neck of the figurehead D is a lever D², to which is connected a cord G, which passes over a pulley H, mounted in the platform, and passes underneath said platform and through a slot K, which is carried by an extension L on the platform, which extension is adapted to have a sliding movement within the platform A, making the same extensible. In order to close the aperture in the casing through which the head projects, I provide a spring-flap D⁴, which normally closes the aperture in the casing when the head is tilted down, but which is drawn back with the head as the plunger is drawn toward the breech of the gun. Pivotal-
75 ly mounted upon said extension L is a gun-supporting standard N, secured to the latter by means of a nut N', upon which is pivotally mounted a toy gun M, having a spring-actuated plunger O, mounted in the bore of the barrel thereof. A spring O' bears against the end of the plunger and is disposed about the stem thereof, and its other end bears against the bottom of the bore of the gun. To the rear end of the stem of the plunger is connected the other end of said string G, after passing through an eye G', fastened on the under portion of the barrel of the gun. An adjusting-screw Q is carried on the standard N of the gun and passes through a curved segment R, which has an elongated slot R' therein, whereby when the head of said screw having a tightening-nut thereon is drawn tight the angle at which it is desired to have the gun disposed may be adjusted.

95 In operation the extended portion of the platform is adjusted to get the range desired at which the gun is to be operated and the string G adjusted to such a length that when the operator draws back on the spring-actuated plunger in the gun the face of the head will be presented toward the bore of the gun, and when the operator releases his hold upon the spring-actuated plunger in the gun the
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ball is driven forcibly out of the same simultaneously with the slacking of the string G, which will cause the head of the figure forming the target to drop and present the cushioned surface on the top thereof toward the mouth of the gun to receive the force of the ball.

It will be noted from the drawings that the position at which it is desired to have the gun disposed may be varied, and the standard holding the gun may be moved transversely across the platform and held in an adjusted position and the gun aimed toward the aperture in the casing, at which opening the head of the figure appears as a target.

While I have shown a particular detailed construction of toy target apparatus, it will be understood that I may make various alterations in the detailed construction of the invention without departing from the spirit of the invention, which comprises an apparatus substantially as shown and described.

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

1. A toy target and gun apparatus comprising a platform, a casing mounted thereon, a movable figurehead mounted within said casing and at an aperture therein, a spring-gun mounted on an extension on the platform, a ball-driving plunger mounted in said gun, and string connections between said plunger and said figurehead, whereby as the plunger is driven back, said head is raised to face the gun, as set forth.

2. A toy target and gun apparatus comprising a platform, a casing mounted thereon, a figurehead mounted at an aperture in said casing and on a suitable support, said plat-

form having an extensible portion, a gun-support mounted on said extension, an adjustable spring-gun mounted on said support, a spring-actuated plunger mounted in said gun, an arm or lever fastened to said head and a string connected at one end to said lever and at its other end connected to the end of said spring-actuated plunger, whereby as the plunger is drawn out of the gun, the head is raised from its normal position to a position facing the gun, said head adapted to fall to present the crown of the head toward the gun as said plunger is drawn into the gun by the action of the spring connected therewith, as set forth.

3. A toy target and gun apparatus, comprising a platform, a casing mounted thereon, a standard mounted in said casing, a spring mounted on said standard, a toy head mounted on said spring and normally held in an aperture in said casing, a projection from the neck of said head, a toy gun mounted on an extension of the platform, a spring-actuated plunger in said gun, a string connected at one end to the end of said plunger, passing over said pulleys and connected at its other end to the head of the toy, and so arranged that when an operator draws the plunger out of the gun said head will be raised to face the gun, and on the releasing of the plunger which is acted upon by a spring said head is adapted to fall so as to present a cushioned head to said gun, as set forth.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

WALTER ASBERY ZELCH.

Witnesses:

LAWYER GRAY,
HARRIE COOK.