

No. 648,716.

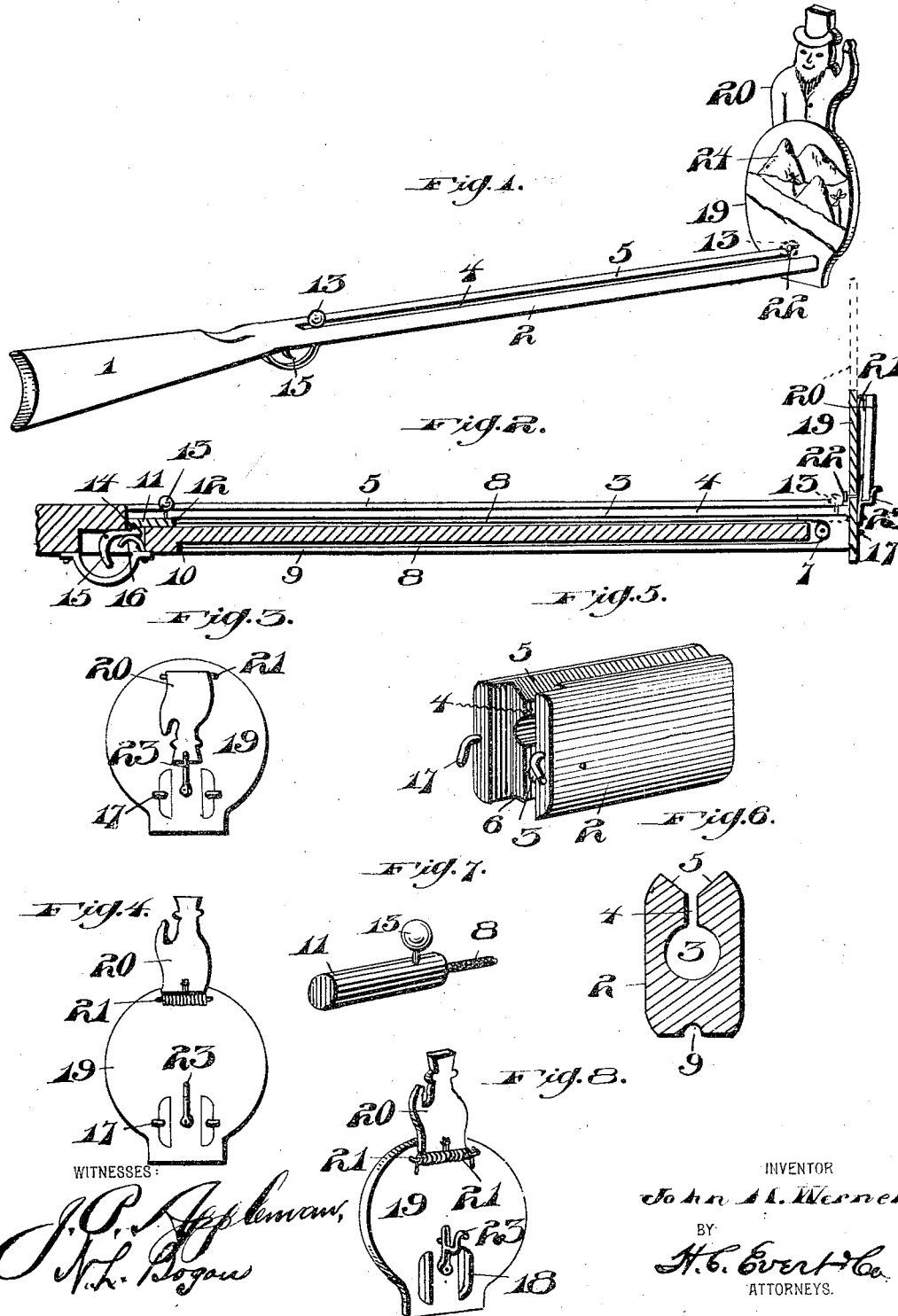
Patented May 1, 1900.

J. H. WERNER.

COMBINATION TOY GUN AND TARGET.

(Application filed Feb. 21, 1900.)

(No Model.)



UNITED STATES PATENT OFFICE.

JOHN H. WERNER, OF EMSWORTH, PENNSYLVANIA.

COMBINATION TOY GUN AND TARGET.

SPECIFICATION forming part of Letters Patent No. 648,716, dated May 1, 1900.

Application filed February 21, 1900. Serial No. 6,057. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. WERNER, a citizen of the United States of America, residing at Emsworth, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in a Combination Toy Gun and Target, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in toys, and more particularly to the class of combination toy guns and targets.

The object of my invention is to construct a toy gun having a target connected at one end thereof carrying a spring-actuated tilting figure adapted to be operated by a spring-actuated projectile carried by the gun.

A further object of the invention is to construct a device of this character which shall be simple in construction, amusing, strong, durable, efficient in operation, and comparatively inexpensive to manufacture.

With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described, and specifically pointed out in the claim.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate corresponding parts throughout the several views, in which—

Figure 1 is a perspective view of my improved combination toy gun and target. Fig. 2 is a longitudinal sectional view thereof. Fig. 3 is a rear view of the target, showing the figurehead in a locked position. Fig. 4 is a similar view showing the figurehead in a released position. Fig. 5 is a perspective view of a portion of the end of the barrel of a gun, showing the clamps for securing the target thereto. Fig. 6 is a transverse vertical sectional view of the gun-barrel. Fig. 7 is a perspective view of the plunger. Fig. 8 is a perspective view of the target, showing the arrangement of the various parts connected to the back thereof.

Referring to the drawings by reference-numerals, 1 indicates the stock of the gun, and 2 the barrel, provided with a bore 3, terminat-

ing at its top in a slot 4, having the upper side thereof beveled, as at 5. The outer end of the gun-barrel is cut away, as at 6, in which is mounted a pulley-wheel 7, having an elastic cord 8 passing over the same. The lower face of the barrel 2 is formed with a groove 9, in which is arranged the cord 8. This cord also operates within the bore 3. One end of the cord is connected at 10 to the barrel, while the opposite end thereof is secured to the cylindrical plunger 11, as at 12. The plunger at its outer end has suitably secured thereto a headed stud or pin 13, and the opposite end of the plunger on its lower face is formed with a notch to receive the lugs 14 of the trigger 15, pivotally mounted in the gun-stock and retained in position by the spring 16. The plunger 11 slidably operates within the bore 3 and the stud or pin in the groove 4.

The outer end of the barrel is provided with a pair of clamping-hooks 17, which operate through openings 18, formed in the lower portion of the target 19, and are adapted to secure the target to the end of the gun. The target 19 may be of any desired shape and is provided upon its outer face with a figurehead 20, pivotally connected at its lower end to an elevating-spring 21. The target 19 is further provided with an opening above the openings 18, through which operates the head-releasing-pin 22, connected at its outer end with a fastening-catch 23, adapted to engage the top of the figure 20 and retain the same in a locked position. The inner face of the target is provided with a suitable ornamentation, as at 24.

The operation of my improved gun is as follows: Assuming that the plunger is in position as shown in Fig. 1, the trigger is pulled, releasing the same, the elastic cord carrying the plunger forwardly and engaging the releasing-pin 22, forcing the catch 23 outwardly and releasing the figure, permitting the same to assume the position shown in Figs. 1, 4, and 8. When it is desired to operate the gun again, the head of the pin 13 is grasped and pulled backwardly toward the trigger until its notch engages the lug 14, which retains the same in position, as shown in Fig. 2.

It is thought the herein-set-forth construction of combination toy gun and target is one that will be exceedingly interesting and amus-

ing when in use, easy to operate, simple, durable, and inexpensive to manufacture, and it will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention.

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

10 In a device of the character described, the combination of a gun provided with a centrally-arranged bore having a longitudinal slot through the upper side of said bore, the plunger carrying a headed stud or pin operating in said bore and slot and adapted to be
15 retained in an inoperative position by the trigger of the gun, a target secured to the

outer end of said gun, a pin arranged in said target, a fastening-catch connected to said pin, a spring-actuated figure pivotally connected to said target and adapted to be retained in a lowered position by said catch, and means for bringing said headed pin into engagement with said pin of the target for operating said catch to release the said figure when the trigger of the gun is operated, substantially as described. 20 25

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

JOHN H. WERNER.

Witnesses:

JOHN NOLAND,
J. P. BROWNLEE.