

No. 812,613.

PATENTED FEB. 13, 1906.

C. TAIT.
TOY PISTOL.

APPLICATION FILED JAN. 24, 1905.

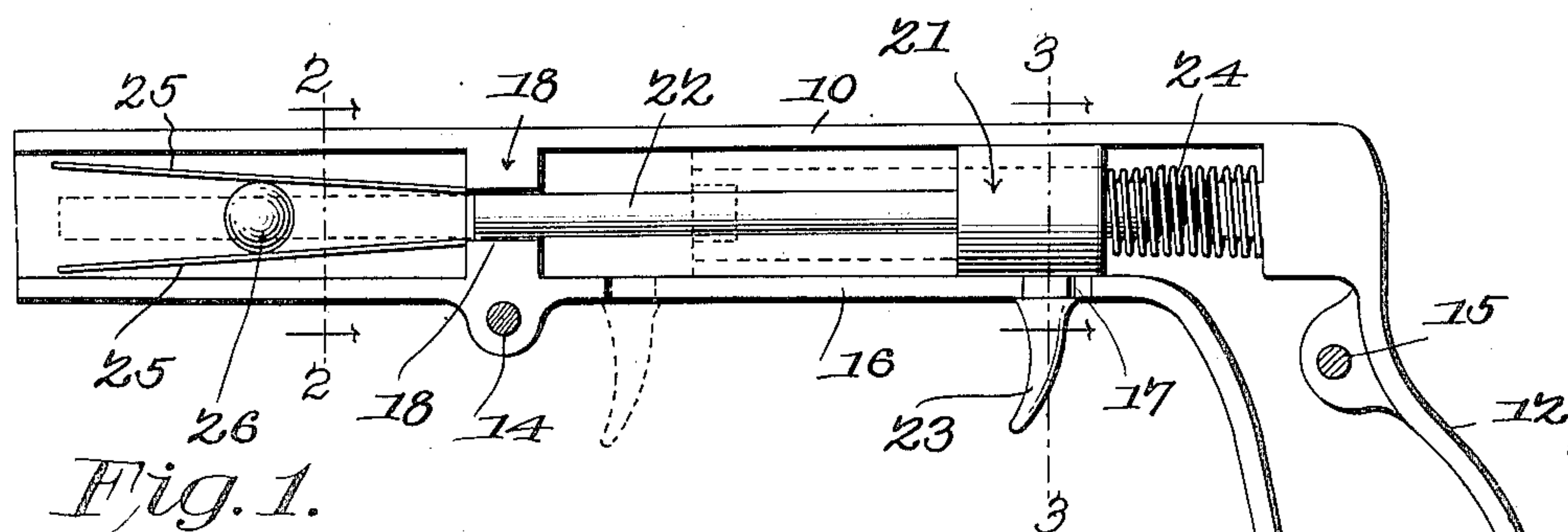


Fig. 1.

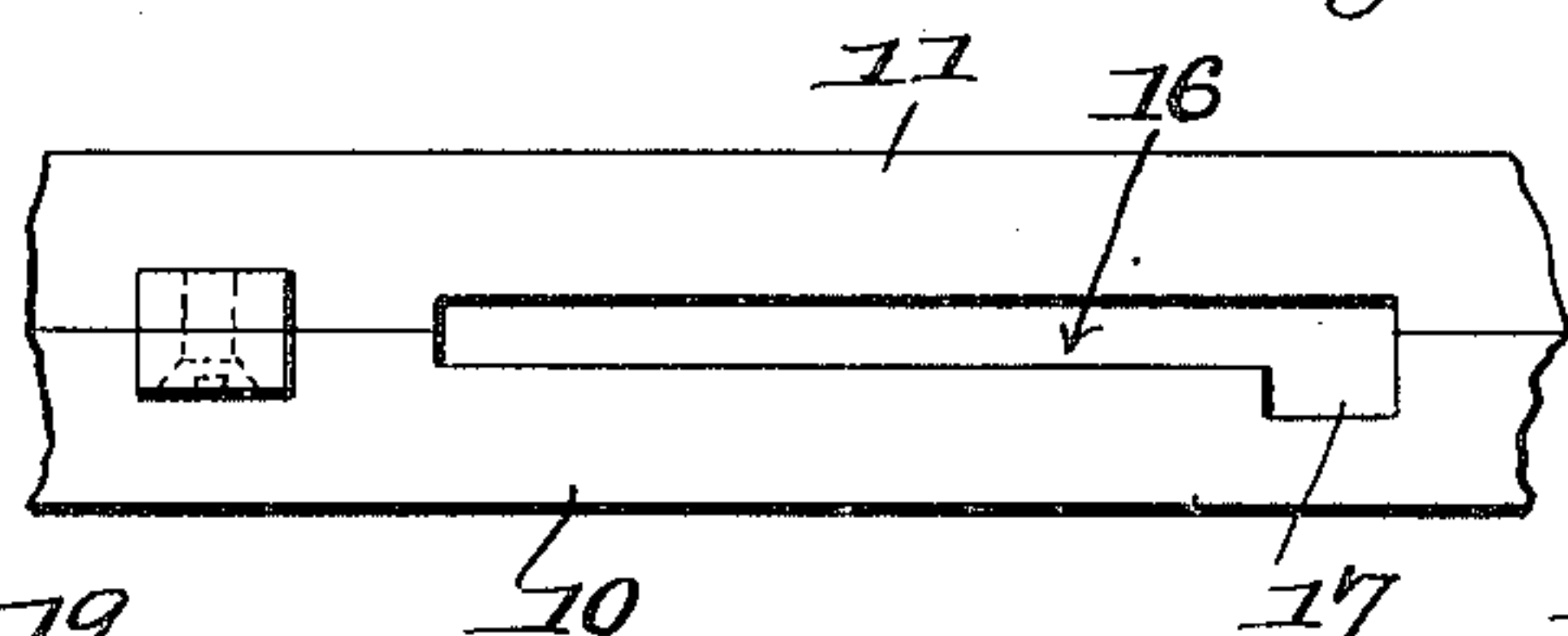


Fig. 4.

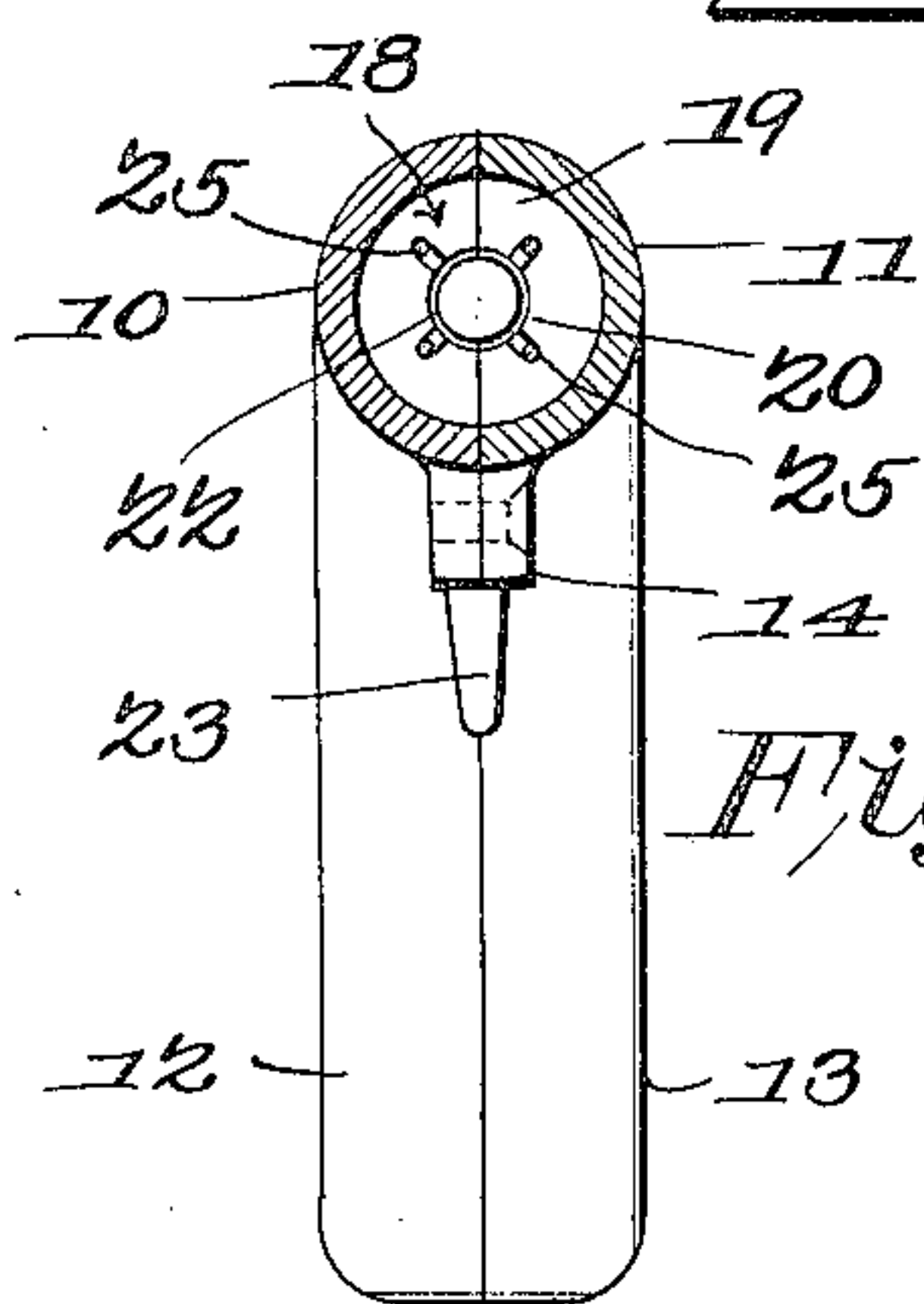


Fig. 2.

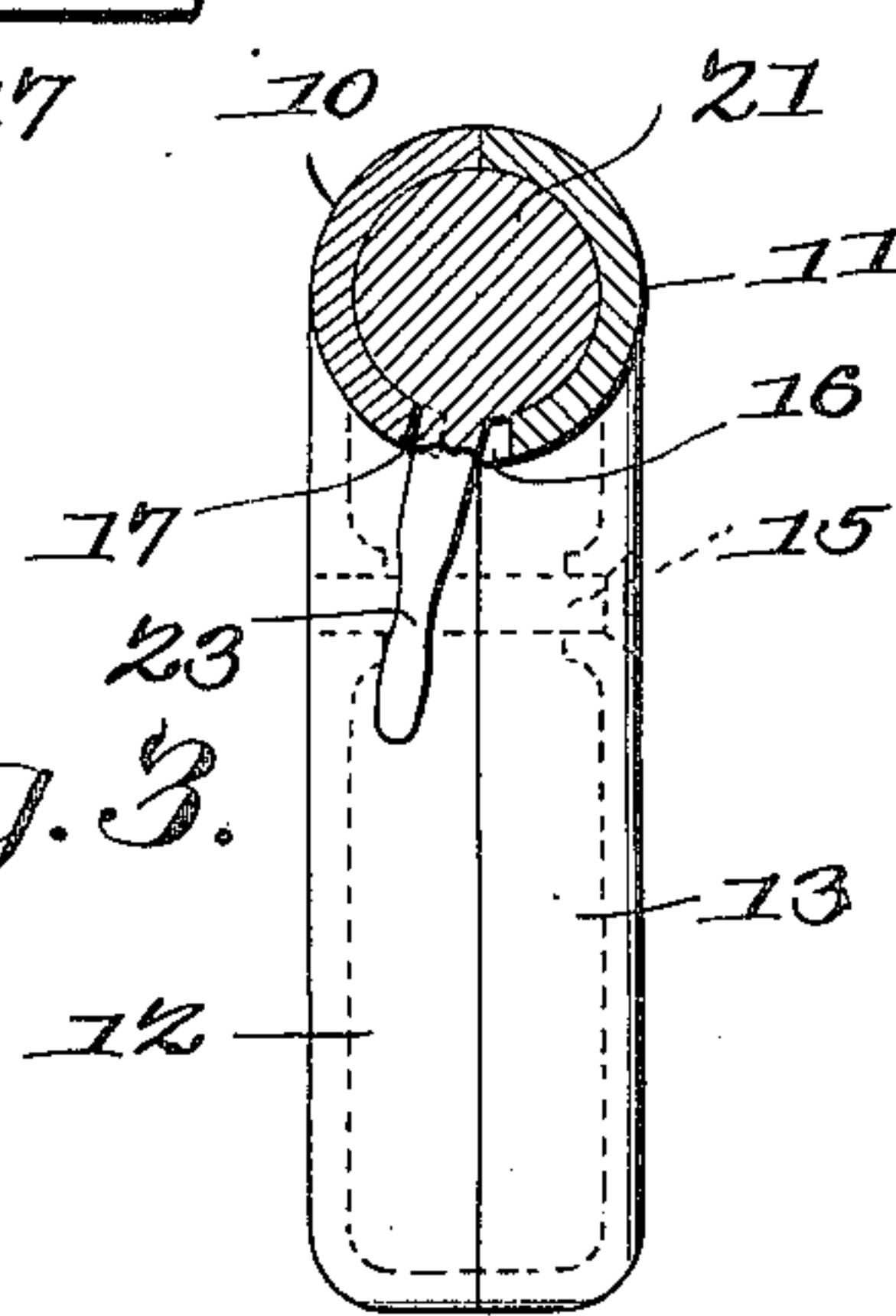


Fig. 3.

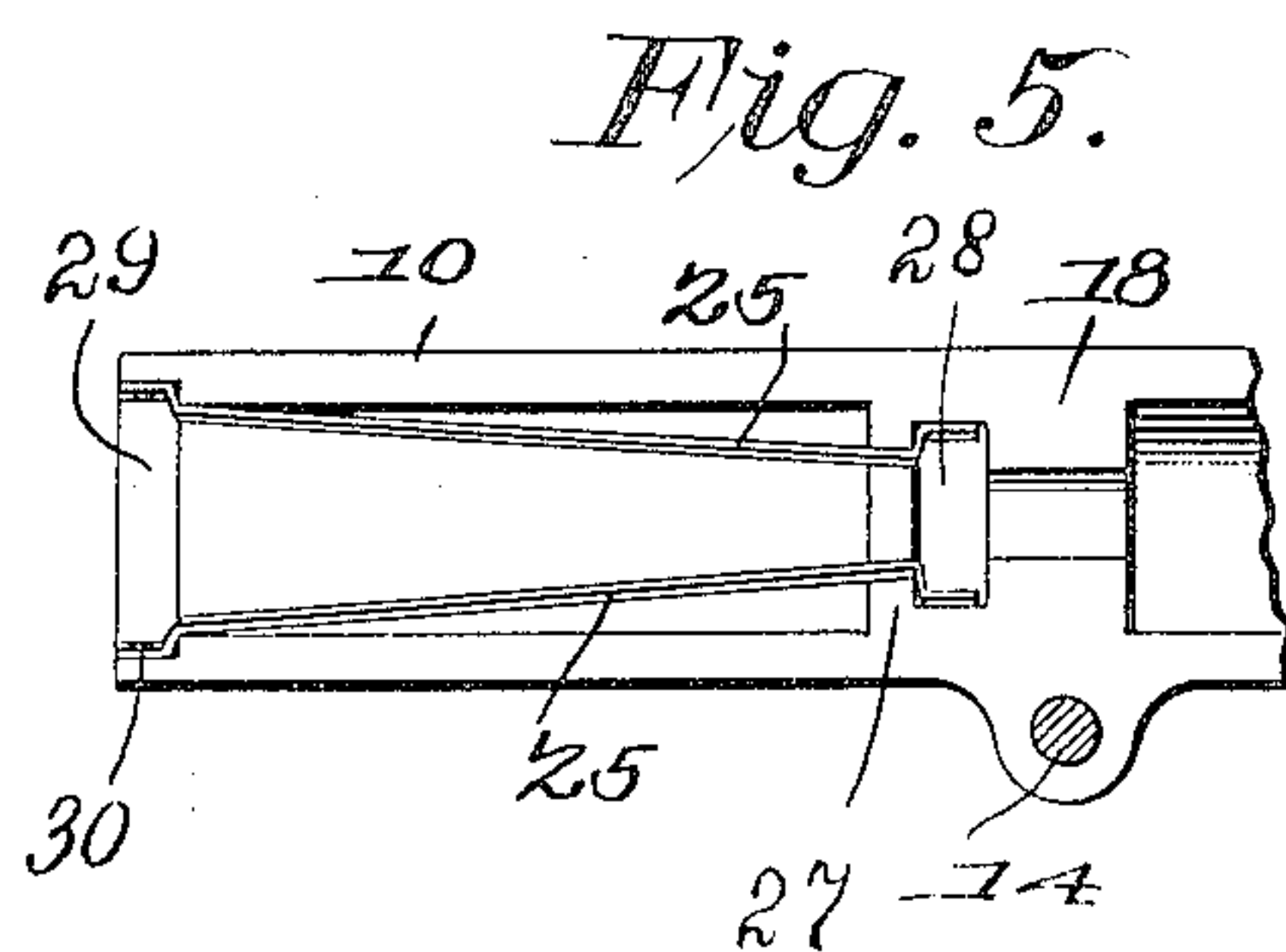


Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

CASSIUS TAIT, OF ST. JOSEPH, MISSOURI.

TOY PISTOL.

No. 812,613.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed January 24, 1905. Serial No. 242,560.

To all whom it may concern:

Be it known that I, CASSIUS TAIT, a citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and useful Toy Pistol, of which the following is a specification.

This invention relates to toy pistols or guns which may be employed for shooting marbles and like articles or projectiles, and has for its object to improve the construction and increase the efficiency of devices of this character.

With this and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed, Figure 1 is a side elevation with one of the barrel and grip members detached. Fig. 2 is a transverse section on the line 2 2 of Fig. 1. Fig. 3 is a transverse section on the line 3 3 of Fig. 1. Fig. 4 is a bottom plan view of a portion of the "barrel" of the device. Fig. 5 is a view representing a modified form of the projectile-supporting springs.

The improved device comprises a barrel portion formed in two parts 10 11 and a grip portion in two parts 12 13, the barrel portion 10 and grip portion 12 being in one piece and the barrel portion 11 and grip portion 13 being in one piece, the two parts united by clamp-screws 14 15. A longitudinal slot 16 is formed in the barrel portions, one half being in each portion, and with a lateral offset 17 at the rear end of the slot. Disposed within the barrel portion and spaced inwardly from the "muzzle" is a guideway formed in two parts 18 19, leaving a central aperture 20. It will here be noted that the web 18 and the ear for the reception of the fastening 14 are in alinement transversely of each barrel-section, whereby the latter is strengthened at the point

requiring the greatest amount of strength. Movably disposed within the barrel rearwardly of the guideway is a plunger 21, having a stem 22 movable through the guideway, and with a trigger 23, extending from the plunger through the slot 16 and protruding through the same. The plunger 21 and its stem 22 are rotative in the barrel, so that when the plunger is drawn rearwardly by the trigger the latter can be moved into the offset 17, and thus "lock" the plunger in its rearward position. A spring 24 is disposed in the rear of the plunger for forcibly operating the same.

Spaced from the guide-webs 18 19 are or the webs 27, smaller than the guide-webs or extending at a less distance inwardly from the inner faces of the barrel portions and forming an annular recess 28 within the barrel between the two sets of webs. Formed within the barrel portions at the muzzle end is an annular recess 29. Connected at 30 within the annular recess 29 are resilient members 25, converging inwardly and over the webs 27 and into the annular recess 29, in which they are secured at their inner ends. The webs 27 being of less thickness than the webs 18 19, the resilient members 25 do not project into the path of the plunger operating through the guide-webs, so that no danger exists of injury to the resilient members by contact with the plunger.

The converging resilient members form a yielding support for the projectile, (represented at 26,) which may be a marble or other globular object and may be of any size within the range of the converging members. The annular recess 29 enables the outer ends of the resilient members to be held out of the path of the projectile, so that no danger exists of contact thereby with the securing means of the resilient members.

It will be noted that a simply-constructed and efficient implement is thus produced, in which the projectile may be stored and held by the resilient members until it is desired to "shoot" the same without danger of prematurely discharging the load by gravity, as the resilient members will hold the projectile in all positions in which the implement may be placed. Thus the implement may be loaded and placed in the pocket or other receptacle and in any desired position and "fired" when required.

The implement may be employed to advantage in playing marbles by shooting the same

with the implement instead of with the fingers or employed in any other manner or for any desired purpose.

5 The implement may be of any required size or of any suitable material and may be inexpensively manufactured, and thus sold for a small price.

10 The implement being divided longitudinally, broken or worn parts may be cheaply and easily renewed.

Having fully described the invention, what is claimed is—

15 In a toy pistol, a barrel provided with an annular recess at the muzzle, a transverse guide-web having a central aperture and spaced inwardly from the muzzle, a supporting-web between the guide-web and muzzle

and of less thickness than the guide-web, whereby an annular recess is formed between the webs, a spring-actuated plunger operating through the guide-web, and resilient members connected at their outer ends in the annular muzzle-recess and converging toward and extending over the supporting-web and secured at the inner ends in the annular recess. 20 25

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CASSIUS TAIT.

Witnesses:

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