

May 29, 1934.

L. R. PARRISH
SLING SHOT

1,960,645

Filed April 24, 1933

2 Sheets-Sheet 1

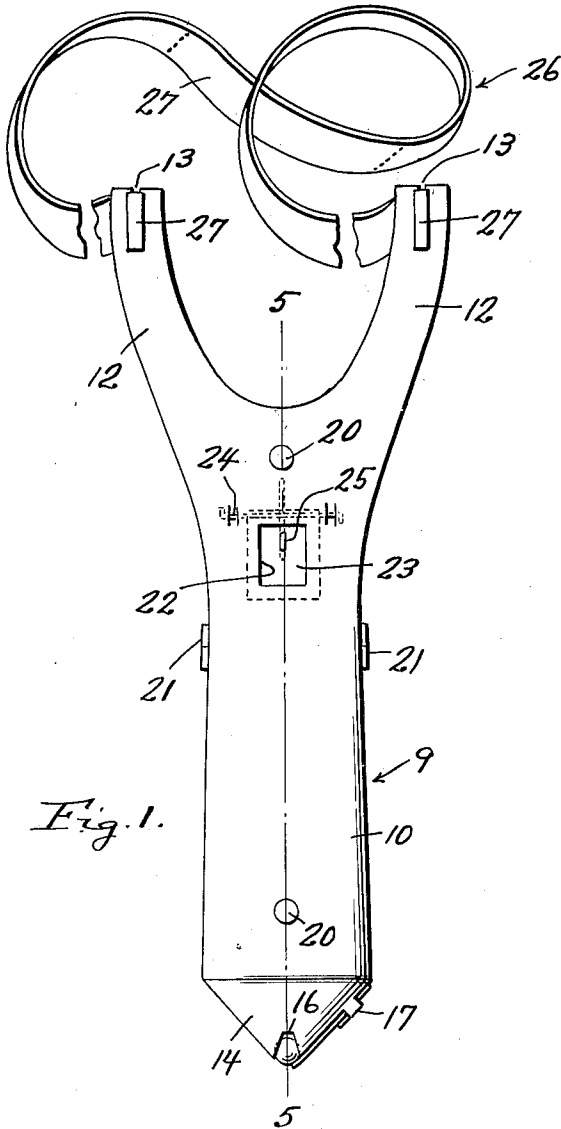


Fig. 1.

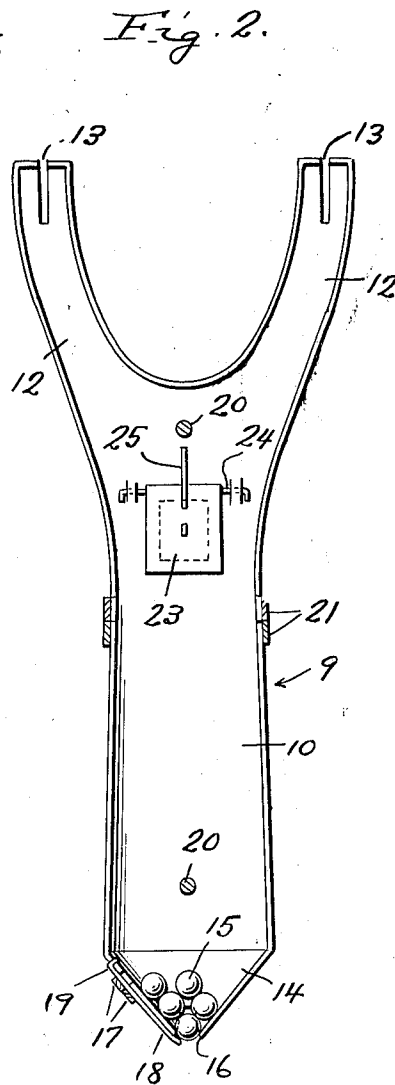


Fig. 2.

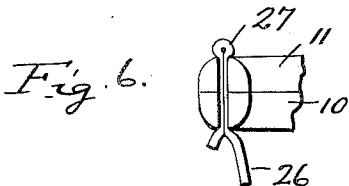


Fig. 6.

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2 Sheets-Sheet 2

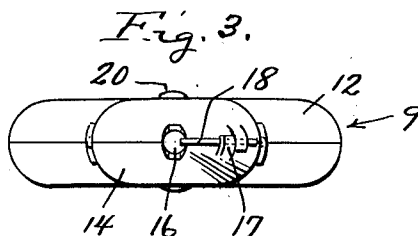
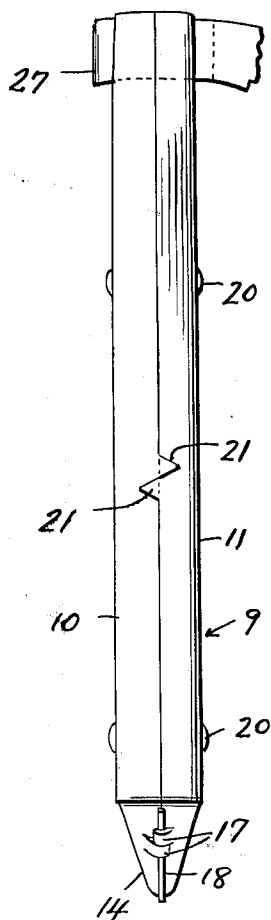
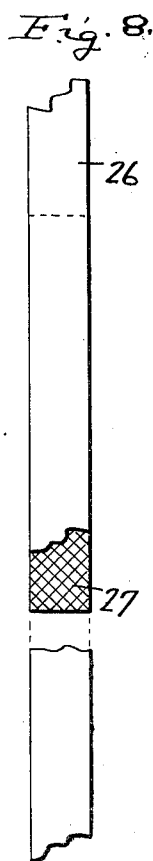
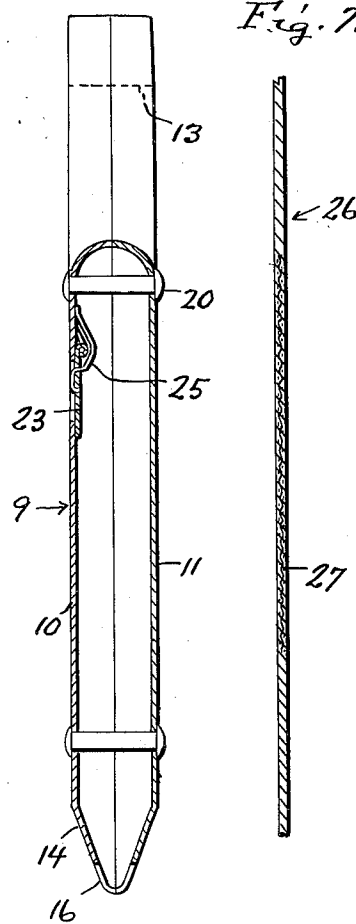
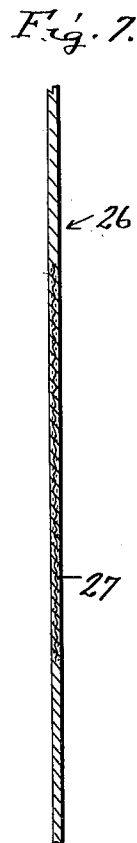


Fig. 4.

Fig. 5.

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UNITED STATES PATENT OFFICE

1,960,645

SLING SHOT

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Slingo Corporation, Ocala, Fla.

Application April 24, 1933, Serial No. 667,740

1 Claim. (Cl. 124—2)

This invention relates to the broad class of toys and has more specific reference to a device which is frequently referred to as a sling shot and just as often referred to as a catapult.

5 The purpose of the invention is to provide a simple, economical and convenient play toy designed for shooting small ball like missiles sometimes referred to as buck shot.

10 One feature of the invention is predicated upon a cleverly designed and unique hollow handle adapted to serve as a magazine or holder for the projectiles or missiles.

15 More specifically stated, a further feature is predicated upon a magazine style handle the lower end of which is especially fashioned for conveniently discharging the balls one by one for expeditious usage.

20 A further feature is predicated upon a special composite rubber band utilized for casting the shots, and convenient means for separably joining the ends of the band to the fork arm of the handle.

25 Other features and advantages will become more readily apparent from the following description and drawings.

In the drawings:

Figure 1 is an elevational view of a device constructed in accordance with the principles of the present invention.

30 Figure 2 is a longitudinal sectional view through the hollow sectional handle with the rubber band detached.

Figure 3 is a bottom plan view of Figure 1.

35 Figure 4 is a side elevational view observing Figure 1 in a direction from right to left.

Figure 5 is a section on the line 5—5 of Figure 1.

Figure 6 is a detail view showing the manner of connecting the band.

40 Figures 7 and 8 are detail views of the especially formed or fabricated portion of the band.

Referring now to the drawings by distinguishing reference characters it is to be observed that the body portion of the structure which may be conveniently referred to as the handle is generally denoted by the numeral 9. It is preferably of hollow sheet metal construction. In fact it is made up of a pair of duplicate companion sections 10 and 11 respectively. The upper end portions of the sections are fashioned to provide what may be designated as fork arms 12 and the extremities of the fork arms are formed with notches or retension kerfs 13 the lower ends are of semi-conical construction and

when brought together define a tapered discharging hopper 14 for the projectiles or balls 15. The apex of the hopper is cut out to provide a discharge opening 16. The numerals 17 designate clips which serve to position and hold in place a resilient releasing finger 18. The free end of the finger projects into the discharge slot or opening 16 to permit the balls to be pulled out one by one. The opposite end of the finger is inturned as indicated at 19 and fitted into an aperture to stabilize said end. The two sections 10 and 11 are partly held together by rivets 20 and further retained together by interlocking bent tongues 21.

At a predetermined point section 10 is provided with an opening 22 through which the balls 15 are inserted. The numeral 23 designates a cover plate hingedly mounted as at 24 and held in closed position by a suitable spring 25 to normally close the opening 22 and to prevent the loss of the shooting balls from the handle.

The rubber band is distinguished by the numeral 26 and is of ordinary construction with the exception of the central portion 27. In this portion reinforcing fabric is built or embedded to strengthen the band at this point, this being the point which is converted into a saddle or seat when pinching and holding the ball therebetween in a well known manner preparatory to shooting. The free end portions 27 of the band are doubled upon themselves as shown in Figures 1 and 6 and inserted in the slots or kerfs 13 whereby to conveniently and detachably connect the band ends with the fork arms 12. This facilitates replacement of the band in case of breakage.

The gist of the invention is in the provision of a hollow handle whose upper end portion is formed into a fork and constructed to facilitate detachable connection of the rubber band therewith; and whose lower portion is tapered and apertured to define a convenient dispensing hopper. Novelty is also predicated upon the hinged spring closed cover or door 23 cooperating with the insertion opening 22 and the spring releasing finger 18 cooperating with the discharge opening 16. Then, too, novelty is thought to reside in the specific fabric reinforced rubber band to promote longevity of this particular feature of the invention.

A careful consideration of the foregoing description in conjunction with the illustrative drawings will enable the reader to obtain a clear understanding of the purpose, features and advantages, the explicit construction, and the invention as hereinafter claimed.

It is to be understood that minor changes in shape, size, relative proportions, and material may be resorted to in practice without departing from the spirit of the invention or the scope of the invention as now claimed.

Having thus described my invention, what I claim as new is:

A sling shot comprising a hollow handle constituting a ball containing magazine, the upper end portion thereof being formed with fork arms

to accommodate a rubber band, the lower end portion being tapered and apertured at its apex to provide a dispensing hopper, and a release spring finger secured at one end to one side of the handle above the aperture and having the other end depending over the aperture whereby a ball presented in the aperture may be grasped by the finger and dispensed from the handle.

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