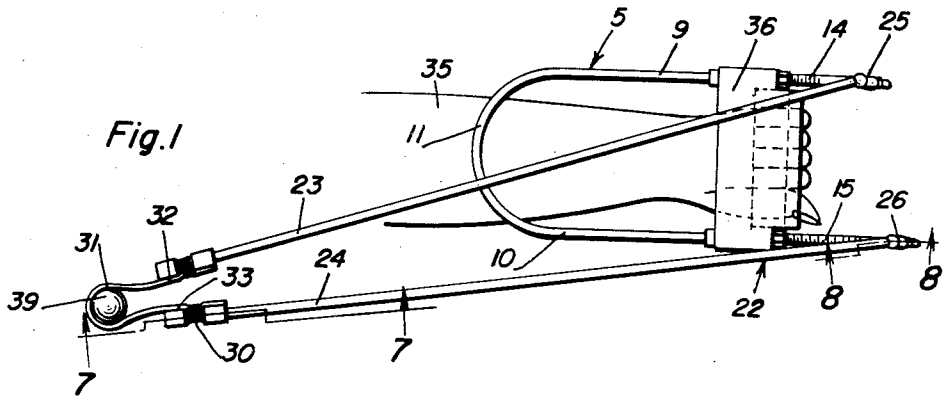
Sept. 24, 1957 R. A. STRIBLING 2,807,254

SLING SHOT

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Fig. 1



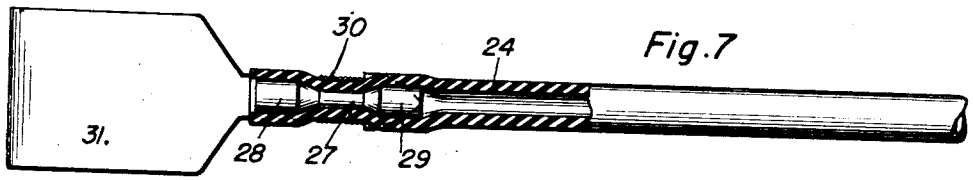




Fig. 7

Fig. 9

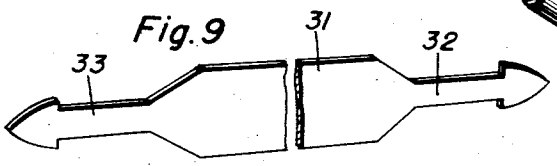



Fig. 8

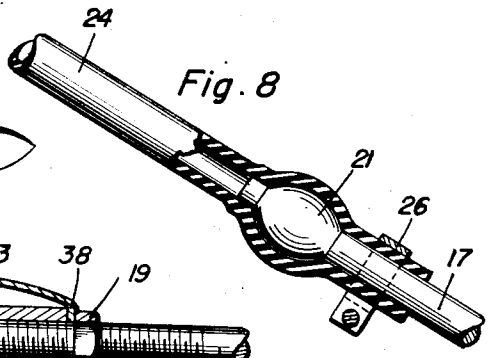



Fig. 6

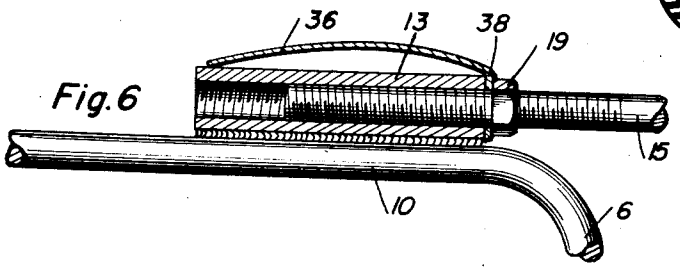
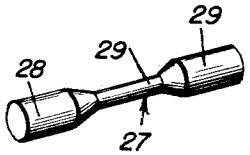



Fig. 10




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Fig.2

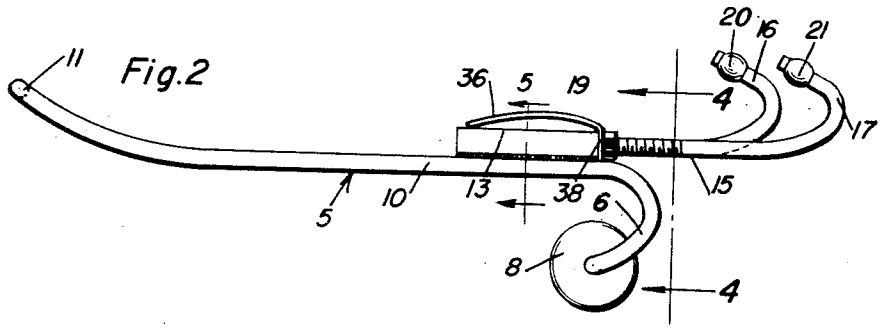



Fig.3

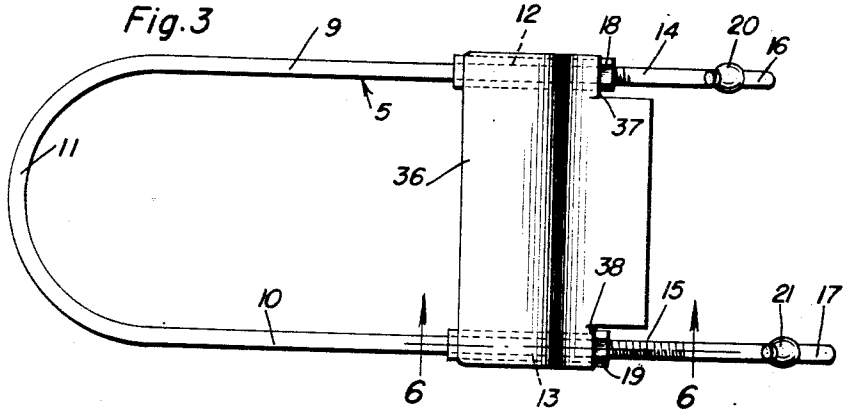



Fig.4

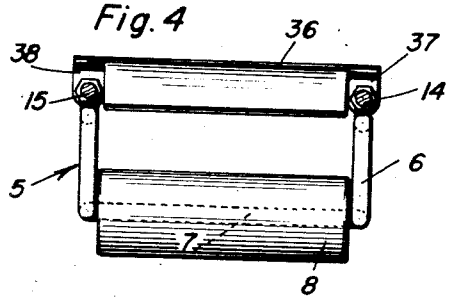
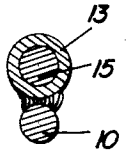



Fig.5




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United States Patent Office 2,807,254 Patented Sept. 24, 1957



2,807,254

# SLING SHOT

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Application October 28, 1954, Serial No. 465,187

2 Claims. (Cl. 124—20)

The present invention relates to new and useful improvements in sling shots constructed to provide an arm rest to support the device on the forearm of a person to provide increased velocity and accuracy in projecting the missiles.

An important object of the invention is to provide a sling shot frame of generally U-shape arranged with its bight portion resting on the forearm and having a transverse hand grip adjacent the front ends of its parallel side portions and also providing sling attaching means at the front end of the frame.

Another object is to provide independently adjustable sling attaching hooks at the front end of the frame to adjust one end of the sling forwardly of the other to compensate for the angle at which the sling pulling and releasing hand must be held with respect to the forearm on which the frame is supported in order to accurately aim the sling.

A further object is to provide a sling of tubular elastic material and novel attaching means for connecting the front end of the sling to the hooks at the front end of the frame as well as for attaching the rear ends of the sling to the missile finger grip or pocket.

A still further object is to provide a hand guard on the frame for the frame gripping hand.

Another object is to provide a device of this character of simple and practical construction, which is strong and durable, relatively inexpensive to manufacture and otherwise well adapted for the purpose for which the same is intended.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a top plan view;

Figure 2 is a side elevational view;

Figure 3 is a top plan view of the frame with the sling removed;

Figures 4 and 5 are transverse sectional views taken respectively on the lines 4—4 and 5—5 of Figure 2;

Figure 6 is an enlarged fragmentary sectional view taken on a line 6—6 of Figure 3;

Figures 7 and 8 are enlarged longitudinal sectional views taken respectively on the lines 7—7 and 8—8 of Figure 1;

Figure 9 is an enlarged perspective view of the missile pocket; and

Figure 10 is an enlarged perspective view of one of the hose couplers.

Referring now to the drawings in detail, wherein for the purpose of illustratiton I have disclosed a preferred embodiment of my invention, the numeral 5 designates a U-shaped frame having downwardly curved front end portions 6 united with each other by a cross bar 7 on which a cylindrical hand gripping roller 8 is rotatably supported. The rear portion of the parallel side members



9 and 10 of the frame are curved upwardly and are united by the transverse bight portion 11.

A pair of internally threaded sleeves 12 and 13 are welded or otherwise suitably secured in a longitudinal position on top of the respective side members 9 and 10 adjacent the front ends of the latter and the threaded shanks 14 and 15 of hooks 16 and 17 are threaded in the front ends of the sleeves and secured in forwardly or rearwardly adjusted position by jamb nuts 18 and 19. The hooks are curved upwardly and rearwardly and are formed with knobs 20 and 21 at their upper ends.

A sling is designated generally at 22 and is constructed of a pair of elastic tubes 23 and 24 in the front ends of which the knobs 20 and 21 of the hooks are secured by hose clamps 25 and 26. A coupling member 27 is inserted in the rear end of each tube and is formed with cylindrical heads 28 and 29 at its opposite ends to form a circumferential groove 29 between the heads and in which the tube material is contracted by a cord tie 30 wrapped around the outside of the tube to secure the coupling member therein.

A leather missile engaging pocket 31 is formed at each end with spear shaped tabs 32 and 33 positioned longitudinally at the sides of the rear end portions of the tubes and are secured thereto by the tie 30.

The roller 8 is gripped in one hand 34 of a person and the frame 5 rests on the forearm 35. A sheet metal or other suitable guard 36 is positioned on top of the sleeves 12 and 13 transversely above the back of the hand and the front edge of the guard is formed with a pair of downwardly projecting apertured ears 37 and 38 through which the shanks 14 and 15 of the hooks pass and are secured thereto by the jamb nuts 18 and 19.

The shank of hook 17 adjacent the inner edge or thumb of the hand is adjusted in its sleeve forwardly to project forwardly beyond hook 16 as shown in Figure 1, so that the missile 39 placed in the pocket 31 may be projected at an angle to the longitudinal axis of the forearm on which the frame is supported to compensate for the angle at which the sling is pulled rearwardly by the other hand of the person for aiming the missile. The forward or rearward adjustment of the hooks 16 and 17 also provides an adjustment to vary the tension of the elastic tubes of the sling.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claims.

What is claimed as new is as follows:

1. In a sling shot, a sling comprising a pair of tubular elastic members, a connector positioned internally in the rear end of each member and having a circumferential groove, a missile pocket comprising a flexible strap having reduced end portions with a head at the outer end of each reduced end portion and positioned in overlapping relation at the rear ends of the respective tubular members, said reduced end portions of the missile pocket matching and overlapping the groove of the connector and flexible ties wrapped circumferentially around the overlapping reduced end portions of the missile pocket and contracting the tubular members in the grooves of the connectors.

2. In a sling shot, a U-shaped frame adapted to rest on the back of the forearm of a person and having forwardly extending side members adapted to extend along opposite sides of a forearm, a transverse hand grip beneath said member for supporting said side members by the

hand of a forearm, said side members having downturned front ends supporting said hand-grip therebetween in downwardly spaced relation to said side members for grasping by a hand of a forearm with the wrist thereof level with the forearm and the side members held substantially parallel with said forearm and wrist, a pair of sleeves surmounting and fixed to said side members longitudinally thereof, a pair of hook members extending forwardly from said sleeves and frame with upturned front end hooks, a sling comprising a missile pocket and flexible side members terminally attached to said hooks for spacing of said terminals by the hooks above said frame, said hook members being threadedly adjustable forwardly and rearwardly in said sleeves to variably space said terminals forwardly and rearwardly of said frame, and a hand guard extending over and across said sleeves for protecting a hand from a missile in said pocket.



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