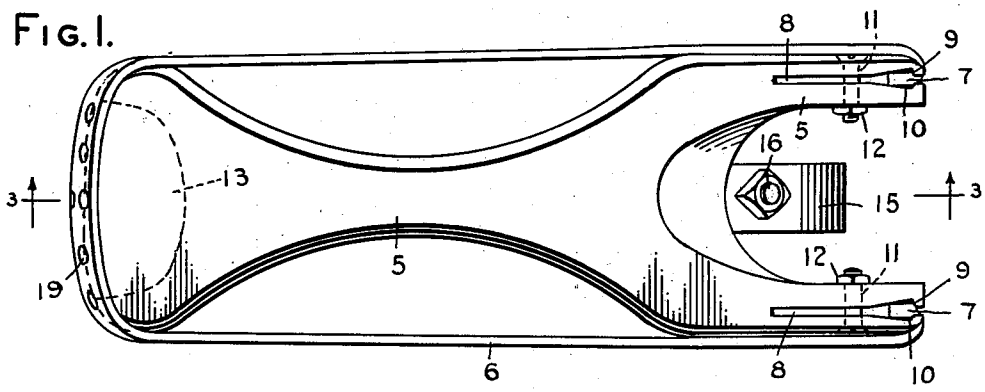
Dec. 5, 1950 D. C. WRIGHT 2,532,798

SLINGSHOT

Filed Feb. 4, 1947

FIG. 1.



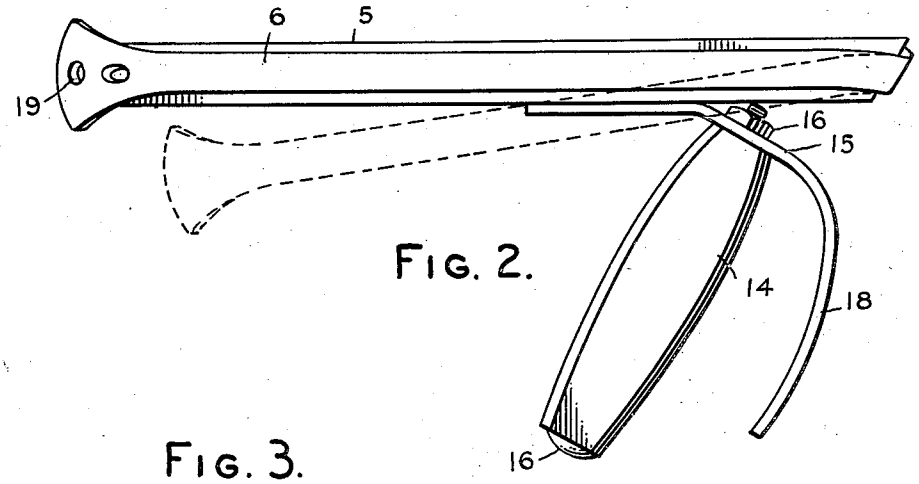


FIG. 2.

FIG. 3.

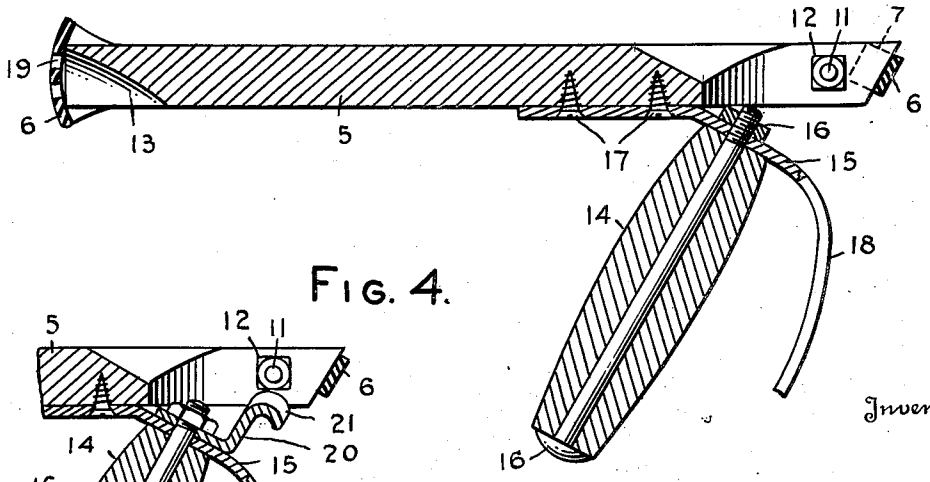


FIG. 4.

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SLINGSHOT

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Application February 4, 1947, Serial No. 726,301

2 Claims. (Cl. 124—20)

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My invention relates to a new and improved sling shot of the type comprising a forked handle member to the bifurcated end of which are secured the ends of an elastic band. Devices of this character are well known, having been in use for centuries, but when constructed in the usual manner it is extremely difficult to hold such a device steady in aiming position when a strong pull is exerted, due to the strain imposed on the holder's wrist.

In my invention, the forked member to which the elastic band is secured, instead of being held in the hand, is extended rearwardly from its bifurcated end so that the rear end may rest upon and be braced against the forearm, and a handle to be gripped by the hand is attached to the bottom of the forked member close to its forward end. This enables the sling shot to be held steady against a substantial pull, and therefore greatly increases the accuracy of the device and its effectiveness as a weapon.

In order that the elastic band may be firmly attached to the forked member without twisting the band, or weakening it by means of perforations at the points of attachment, I have devised a special type of grip to hold the elastic band in place, as will be set forth in more detail hereinafter in connection with the description of the device shown in the drawings. A further advantage of my grip is that it permits the replacement of wornout elastic bands with a minimum of difficulty.

I have also provided perforations in the elastic band in order to reduce the air resistance after the band is released in shooting, and a guard is provided in front of the handle to protect the fingers of the user against the backlash of the elastic band.

This invention may easily be adapted for the use of shafted missiles by mounting in its throat a rest for the shafts of such missiles, as shown in Figure 4.

A preferred embodiment of my invention is shown in the attached drawings, in which:

Fig. 1 is a top plan view showing the forked member of my new sling shot and the mode of connection to the elastic band, which is shown stretched around the stem end of the forked member,

Fig. 2 is a side view of the complete device, assembled as shown in Fig. 1,

Fig. 3 is a mid-line cross-sectional view taken along the line 3—3 of Fig. 1, and

Fig. 4 is a partial cross-sectional view similar to Fig. 3 of my sling shot, showing it equipped with an arrow support.

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Similar numerals refer to similar parts throughout the several views.

In the form of the invention illustrated, the forked member 5 is provided at its bifurcated end with an elastic band 6, the ends 7 of which are secured to the ends of the forked member by clamping them in slots 8 therein. The sides of the slots may be provided with serrations or grooves for aiding in securing the ends of the bands thereto, or the ends of said bands may be formed with shoulders 9, which engage in notches 10 positioned in the sides of said slots 8 near their ends. Bolts 11 are passed through the slotted ends of the forked member 5 about midway of the length of the slots 8, and held in place with nuts 12. Consequently the width of the slots may be varied by tightening or loosening the bolts, thereby enabling old bands to be removed and replaced.

The opposite end of the forked member 5 is provided with a concavity 13, so fashioned as to fit against the forearm when the sling shot is held in aiming position. A handle 14 is angularly attached to the forked member 6 by means of an angle plate 15 the approximate center of which plate is bolted by means of a bolt 16 to the handle 14, while one end of said plate is screwed to the forked member 5 by means of screws 17. The other end 18 of the angle plate 15, extends forwardly and down so as to protect the hand of the user against the backlash of the elastic band 6, which has perforations 19 tending to reduce the air resistance when the band is snapped.

To adapt my device for the use of arrows or the like, a roughly S-shaped member 20 is attached at one end to the bolt 16; the other end of said S-shaped member projects upwardly into the throat of the forked member 5, and is then bent over and formed into a trough 21 for the support of any shafted missile.

I claim:

1. In a slingshot frame, a substantially flat member having a forked end and a butt end lying in substantially the same plane, and a handle attached to said flat member near the base of its fork and forming an acute angle with the principal plane of the flat member so that the butt end thereof is braced against the arm of the user when the slingshot frame is held in aiming position.

2. A slingshot frame comprising a substantially flat member having a forked end and a butt end lying in substantially the same plane,

and a handle attached to said flat member and forming an acute angle with the principal plane thereof at a point between its ends but nearer to the forked end so that said butt end bears against the arm of the user when said forked end is pulled towards the body of the user.

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