Sept. 28, 1965 R. W. WALLACE 3,208,653

SUPPORT FOR AN ARCHERY BOW

Filed Feb. 4, 1964

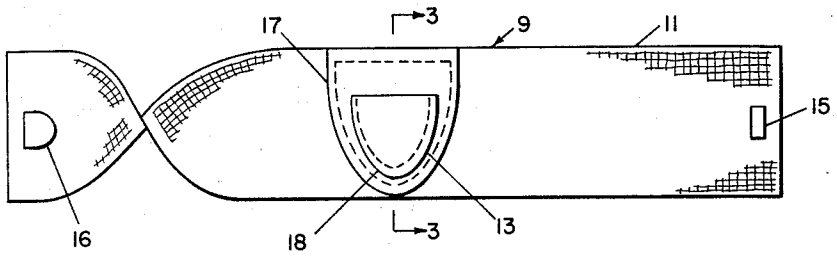


Fig. 2

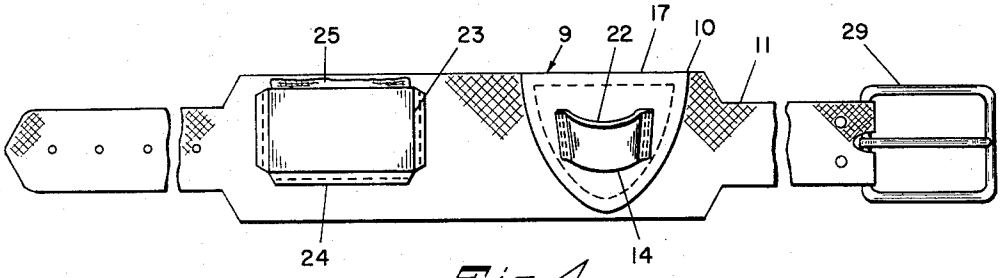


Fig. 4

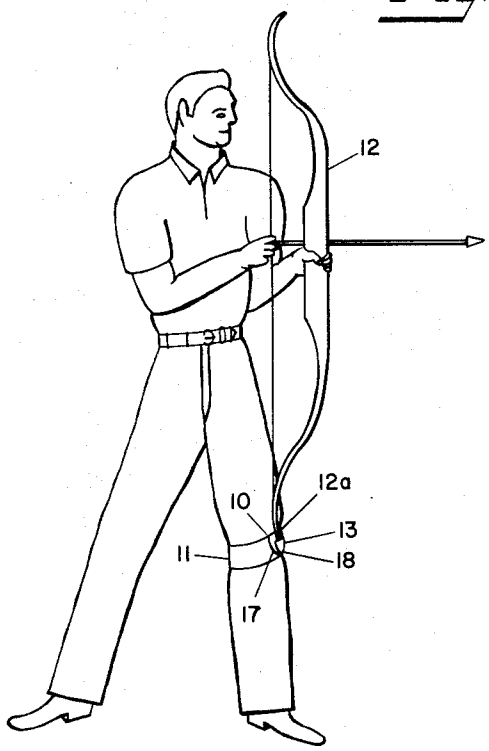


Fig. 1

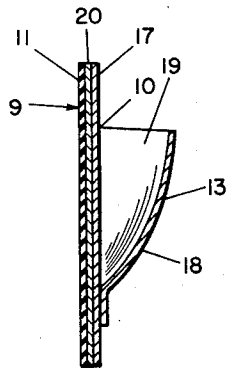


Fig. 3

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SUPPORT FOR AN ARCHERY BOW

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2 Claims. (Cl. 224—1)

The present invention relates to means for supporting an archery bow, and more particularly, to a device for assisting an archer to support an archery bow in approximate shooting position while he is hunting or otherwise waiting to shoot the bow.

The archery bow has enjoyed an upsurge in popularity in recent years as a hunting and target weapon. Sportsmen have found that the bow and arrow is an effective weapon against deer, bear, and other big and small game animals and birds, and that its effective use requires a degree of patience and skill seldom required by any other weapon.

Successful hunting with an archery bow often involves waiting near a trail or other spot where game is likely to travel for extended periods of time with as little motion as possible. Since for most archers the effective range of the archery bow is often less than 40 yards, any unnecessary movement of the bow when game is within such close range will often startle and spook the game and cost the archer a shot. Therefore, the bow should be held in a position as close to the archer's natural shooting position as possible during such periods of waiting to permit the bow to be quickly and easily aimed and shot without any unnecessary movement. However, present day archery bows and attachments may weigh several pounds, and it is difficult for most archer's to hold such a weapon substantially motionless in an approximate shooting position for any extended length of time.

Consequently, it is a primary object of my invention to provide a bow support which helps support an archery bow in approximate shooting position.

It is a further object of my invention to provide such a bow support which may be used effectively by any archer, regardless of his height or the length of his bow.

A further object of my invention is to provide such a bow support which has a device adapted to hold animal lure.

Other objects and advantages of my invention will be readily apparent from the following detailed description taken in conjunction with the accompanying drawings, wherein a preferred embodiment of the principles of the invention has been selected for exemplification.

In the drawings:

FIG. 1 is a perspective view of my invention in use.

FIG. 2 is a front view of one embodiment of my invention.

FIG. 3 is a section view taken along line 2—2 in FIG. 1.

FIG. 4 is a front view of a second embodiment of my invention.

My novel bow support **9** essentially comprises a belt **11** with supporting means **10** attached thereto. The belt **11** is adapted to be secured around the archer's leg, as shown in FIG. 1, at any desired height. The supporting means **10** defines an opening adapted to receive the lower tip **12***a* of a bow **12**, also as shown in FIG. 1. Two embodiments of the supporting means **10** are shown. In the embodiment of FIGS. 2 and 3, the opening adapted to receive the bow tip **12***a* is defined by a pouch **13**; in the embodiment of FIG. 4, the opening is defined by a loop **14**.

To enable the belt **11** to fit the leg of any archer, the belt **11** is preferably made from material having elastic or stretching properties, or from non-elastic materials with adjustable fastening means. Any suitable fastening means, such as the female fastener **15** and male fastener **16** shown in FIG. 1, or a conventional belt buckle **29** as shown in FIG. 4, may be secured to the belt **11** for fastening the ends of the belt **11** around the archer's leg. If desired, a plurality of fastening means may be employed, depending upon the width of the belt **11**.

The support pouch **13** illustrated in FIGS. 2 and 3 is formed by an inner panel **17** and a slightly smaller outer panel **18**. The inner panel **17** is secured to the belt **11**; the outer panel **18** is secured against the inner panel **17**, leaving a top opening **19** into which the lower tip **12***a* of the bow **12** may extend to be supported by the pouch **13**. The inner and outer panels **17** and **18**, respectively, of the pouch are preferably made of leather or other relatively stiff material to better support the bow. However any material strong enough to support a bow may be used. If desired, the pouch **13** may be reinforced by means of a relatively rigid plate **20** secured to the rear of the inner panel **17**, as shown in FIG. 3.

In the embodiment of FIG. 4, the outer panel of the supporting means **10** comprises a support loop **14** secured to the inner panel **17**, which in turn is attached to the belt **11**. The opening **22** between the inner panel **17** and the loop **14** is adapted to receive the tip **12***a* of the bow **12** in supporting relation.

As an additional feature, my invention may include a pocket **23** which may be used to hold animal lures. As shown in FIG. 4, the pocket **23** is formed by a suitably cut pocket panel **24** atteached to the belt **11**. The animal lure is placed in the pocket **23** in the manner dictated by the nature of the lure. For example, a piece of cotton batten **25** might be soaked with a liquid deer lure and placed in the pocket **23**.

FIG. 1 illustrates the manner in which my novel bow support **9** is used. The belt **11** is strapped around the acher's leg at the desired height. The lower tip **12***a* of the bow **12** is then inserted in the pouch **13**, and the archer holds the bow **12** in a substantially vertical position with one hand. As thus held, the bow **12** is approximately in shooting position. However, the weight of the bow **12** and the archer's hand and forearm which steady the bow are almost entirely suppported by my bow support **9**, and the position can be maintained for long periods without fatigue. The bow **12** may be quickly placed in shooting position by a slight upward and outward movement of the grasping hand. Such limited movement minimizes the opportunity for a deer or other game animal or bird to detect the archer's presence. Use of my bow support **9** equipped with the support loop **14** is identical.

Because of the efficient design of both the pouch **13** and the loop **14**, neither catches or binds the bow **12** when the archer attempts to withdraw the bow for shooting. The bow support any be used by any archer, for it may be adjusted on his leg to the desired position depending upon the archer's height and the length of his bow. It is also apparent that the supporting means **10** of my invention may be secured to the leg of the archer by any suitable means other than the belt **11**, without departing from the principles of my invention.

It is understood that my invention is not confined to the particular construction and arrangement of parts herein illustrated and described, but embraces all such modified forms thereof as come within the scope of the following claims.

I claim:

1. A support for an archery bow comprising, a belt at least a portion of which is elastic, means to secure said belt around an archer's leg, said belt including a first panel extending less than the length of the belt and forming a rigidly connected portion of said belt, a second panel, means rigidly securing said second panel to said first panel to thereby form a pouch with a top opening for receiving the lower tip of an archery bow in withdrawable relation and supporting the bow approximately in shooting position.

2. A support for an archery bow comprising, a belt at least a portion of which is elastic, means to secure said belt around an archer's leg, said belt including a first panel extending less than the length of the belt and forming a rigidly connected portion of said belt, a second panel, means rigidly securing said second panel to said first panel to thereby from a loop having top and bottom openings for receiving the lower tip of an archery bow in withdrawable relation and supporting the bow approximately in shooting position.

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HUGO O. SCHULZ, *Examiner.*

UNITED STATES PATENT OFFICE

CERTIFICATE OF CORRECTION

Patent No. 3,208,653 September 28, 1965

Robert W. Wallace

It is hereby certified that error appears in the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

Column 2, line 57, for "any", first occurrence, read -- may --; column 3, line 18, for "from" read -- form --.

Signed and sealed this 12th day of April 1966.

(SEAL)
Attest:

ERNEST W. SWIDER
Attesting Officer

EDWARD J. BRENNER
Commissioner of Patents