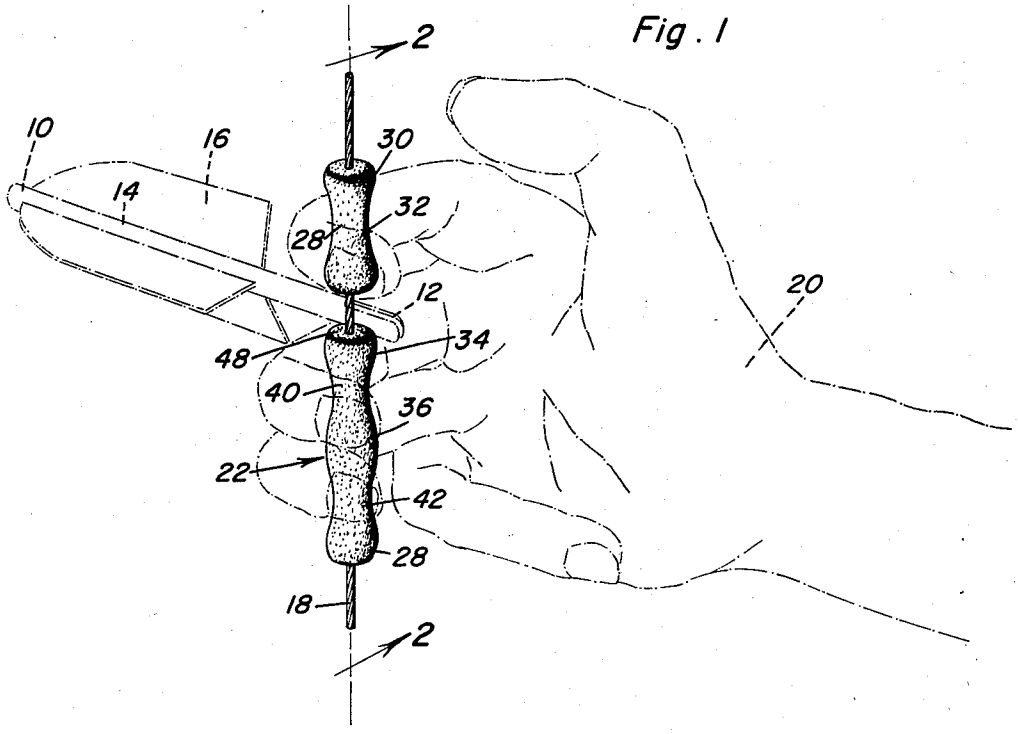
Oct. 27, 1959 J. M. BENDER 2,910,058

BOW STRING ATTACHMENT

Filed Dec. 3, 1956

Fig. 1



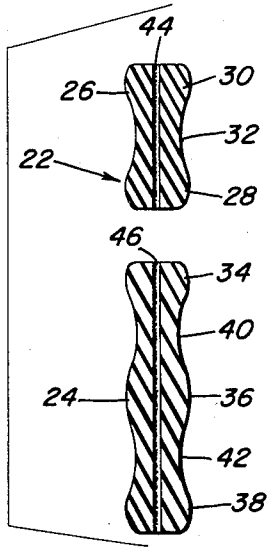


Fig. 2

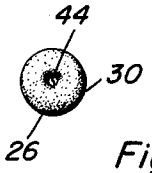


Fig. 3

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BOW STRING ATTACHMENT

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1 Claim. (Cl. 124—30)

This invention relates to attachments for archery bow strings and the principal object of the invention is to provide an attachment for a bow string which makes it unnecessary for the archer to use gloves, tabs or other finger protectors when shooting the bow.

Another object of the invention is to provide an attachment for the string of an archery bow which automatically positions the nock of the arrow on the bow string and also positions the fingers that pull the string back and away from the nock of the arrow. This enables the archer to shoot the arrow in a true course each time and without finger protectors. With gloves, tabs or other aids for the archer, pulling the bow string with the three fingers that are used for this purpose tends to hold the arrow back from a true course if the fingers are squeezed against the arrow nock. This squeezing or bunching of the fingers together is a natural consequence in archery. This major difficulty is overcome by the invention.

A further object of the present invention is to provide an attachment for an archery bow which is of simple construction and which is practical. I am aware of prior attachments for archery bows which are exceedingly complex in comparison to the job that they perform. Therefore, in order to be practical and in order to have the acceptance of archers, particularly those who enjoy the sport of hunting with an archery bow, the simplicity of the invention is essential.

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 perspective view of a part of the bow string of an archery bow, an attachment which is constructed in accordance with the invention being applied to the bow string;

Figure 2 is an exploded sectional view which would be taken approximately on the line 2—2 of Figure 1, and

Figure 3 is a top view of the attachment of Figure 2.

In the accompanying drawing there is a fragment of an arrow **10**, the fragment including nock **12** at the extremity of shank **14** and behind fletching **16**. The bow string **18** is shown being used in the customary manner by the three fingers of the archer's hand **20** in Figure 1. This is the position of the shooting hand of an archer.

Attachment **22** is applied to the bow string **18** and is made of two parts **24** and **26** respectively. The part **22** is in the form of a spool with ends **28** and **30** of larger diameter than the reduced finger-receiving recessed portion **32** between the larger ends **28** and **30**. Part **24** is of a generally cylindrical shape having three enlarged parts **34, 36** and **38** with two finger-receiving recesses **40** and

42 of a diameter which is smaller than the diameter of the parts **34, 36** and **38**. It is preferred that the attachment be made of rubber or a plastic elastomer or an equivalent material.

There is a longitudinal bore **44** extending through part **26** and a similar longitudinal bore **46** extending through the part **24**. The diameters of the bores **44** and **46** are such that the attachment frictionally engages the bow string **18** and remains in place once it is applied. It is applied with a space **48** between the parts **24** and **26** and this space constitutes a pocket within which to accommodate the nock **12** of the arrow. If desirable and necessary knots may be applied in the bow string **18** in order to hold the parts **24** and **26** in place. Such knots would be used in addition to the friction bond set up between the bores **44** and **46** and the string **18**.

In use the attachment is applied to the bow string as described. Then when the archer desires to shoot he need not use a glove or other aid to protect his fingers. The fingers all fit within the peripheral recesses **32, 40** and **42** and are held spaced from each other without being squeezed together and squeezed against the nock of the arrow. Inasmuch as the attachment does not move on the bow string it serves as a guide to assure that the nock of the arrow is placed at the same spot on the bow string each time the arrow is shot.

The foregoing is considered as illustrative only of the principles of the invention. Further, 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 and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

An attachment for a bow string designed to protect and be gripped by the fingers of the archer and provide index means along said string comprising a pair of flexible bodies, said bodies containing longitudinal bores therethrough adapted to receive and frictionally engage said string so that under normal conditions said bodies will remain at a particular preset location along said string length, said bodies adapted to be spaced from each other along the length of said string for providing a pocket in which to accommodate the nock of an arrow and in which position the confronting spaced surfaces of said bodies are adapted to define the upper and lower walls of said nock pocket, said bodies being of a substantially cylindrical shape with one of said bodies being of a greater length than the other of said bodies, said one of said bodies having a plurality of recesses to accommodate a plurality of fingers, and said other of said bodies having a recess to accommodate a finger, the recesses adjacent said confronting surfaces being spaced therefrom a distance sufficient to insure that a finger seated therein will not extend into said pocket.

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