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BOW QUIVER

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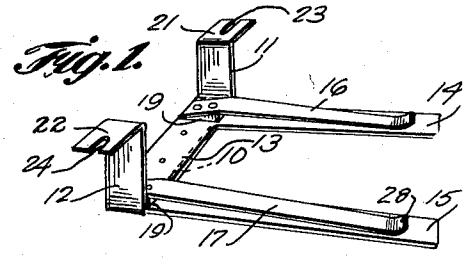


Fig. 1.

Fig. 2.

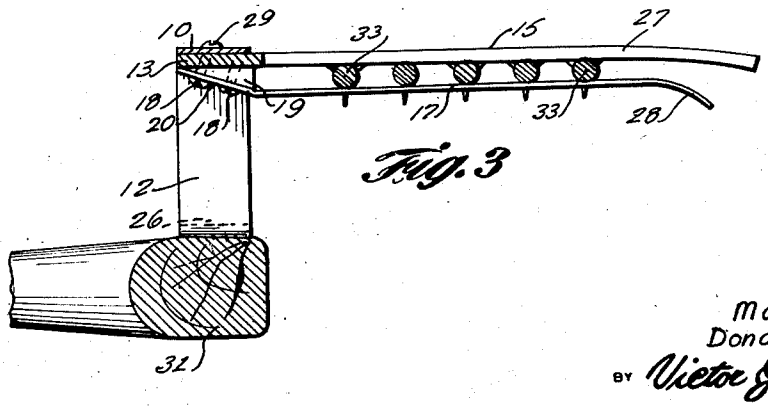


Fig. 3

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BOW QUIVER

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3 Claims. (Cl. 224—1)

This invention relates to archery, and in particular a bracket adapted to be positioned on one side of a bow with vertically spaced forwardly extended arms having spring clips in combination therewith for retaining arrows in vertically disposed positions whereby in discharging an arrow it is only necessary to slip the arrow from the ends of the arms and place it in projecting position on the bow.

The purpose of this invention is to provide means for carrying arrows in combination with a bow whereby the weight of a quiver hanging from the shoulder is eliminated and wherein the arrows are carried in convenient positions for use.

The conventional bow quiver carried by a strap over the shoulder interferes with accurate shooting as the weight of the quiver loaded with arrows throws an archer off balance and absolute freedom of the arms is substantially impossible. With this thought in mind this invention contemplates a bow quiver adapted to be mounted on one side of the heavy portion of a bow whereby arms extended forwardly from the base of the quiver are positioned to carry the arrows in such positions that they do not interfere with accurate shooting.

The object of this invention is, therefore, to provide a bow quiver adapted to be permanently mounted on a bow whereby arrows may be readily retained in position for use.

Another object of the invention is to provide a bow quiver that is adapted to be positioned upon a bow by the average layman and as desired.

A further object of the invention is to provide a bow quiver adapted to be mounted on the comparatively thick portion at the center of a bow for suspending arrows in longitudinally disposed positions on the bow in which the quiver is of a simple and economical construction.

With these and other objects and advantages in view the invention embodies a substantially U-shaped bracket having flanges on extended ends with arms extended from the intermediate portion and with spring clips mounted to coact with the arms for retaining arrows in position upon a bow.

Other features and advantages of the invention will appear from the following description taken in connection with the drawing, wherein:

Figure 1 is a perspective view illustrating the improved bow quiver.

Figure 2 is a side elevational view of the upper portion of the bow with the parts shown on an enlarged scale showing the quiver mounted thereon and showing a plurality of arrows retained in the bow quiver.

Figure 3 is a cross section through the bow quiver and through a bow upon which the quiver is mounted, the parts being shown on an enlarged scale.

Referring now to the drawing wherein like reference characters denote corresponding parts the improved bow quiver of this invention includes a bracket having a base **10** with arms **11** and **12**, a bar **13** having arcuate arms **14** and **15** extended therefrom and spring clips **16** and **17** mounted by screws **18** with wedge-shaped filler blocks **19** between inclined ends **20** of the spring clips and the bar **13**, as shown in Fig. 3.

The ends of the arms **11** and **12** of the bracket are provided with flanges **21** and **22**, the flange **21** having an open slot **23** therein and the flange **22** having an open slot **24** in the extended end thereof. The slot **23** of the flange **21** is positioned to slide under the head of a screw **25** and the slot **24** of the flange **22** is positioned to receive the shank of a screw **26**, the head of which is positioned against the outer surface of the flange **22**.

The arms **14** and **15** are provided with arcuate outer ends, as indicated by the numeral **27**, shown in Fig. 3 and the spring clips **15** and **16** are provided with arcuate outer ends **28**.

The bar **13** is secured to the base **10** of the bracket with screws, as indicated by the numerals **29** and **30**.

With the parts designed and assembled as illustrated and described the screws or studs **25** and **26** are installed in one side of a bow **31**, which is provided with a cord **32** and arrows **33** may be snapped between the spring clips **16** and **17** and the arms **14** and **15**. With the parts in position the ends of the arms **11** and **12** are contracted whereby the slots are positioned over the shanks of the screws and with the parts in position the arms **11** and **12** are released whereby the extended ends snap outwardly whereby the bracket assumes the position shown in Fig. 2.

With the quiver secured in position upon the side of a bow, with the flanges **21** and **22** under the heads of the screws **25** and **26**, an arrow may be removed from the arms and spring clips and held in the bow for shooting in the conventional manner.

By this means arrows are retained in an out of the way position whereby the bow is adapted to be used in the usual manner and the arrows may be removed from the quiver and used in the bow as desired.

The quiver may be formed in various sizes and in different materials and it will be understood that it may be used on the bow or removed from the bow as desired.

It will be understood that other modifications, within the scope of the appended claims, may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. A bow quiver comprising an elongated base, an arm at each end of said base extending therefrom at right angles thereto and in parallel relation to each other, a flange on the end of each arm extending from each arm at right angles thereto in opposite directions and the flanges being in a plane parallel to the base and having open ended slots therein whereby said base may be detachably mounted on the side of the central part of a bow, a bar secured to the undersurface of the base in parallel relation thereto, an arcuate arm integral with and extending forwardly of the bar in parallel relation thereto, a spring clip secured to the undersurface of each arcuate arm and said clips and said arcuate arms adapted to grasp a plurality of arrows and retain them in parallel spaced relation to each other and to the central part of the bow.

2. A bow quiver as in claim 1, wherein wedge shaped blocks are positioned between the ends of the clips and the bar to space said clips from said bar.

3. A bow quiver as in claim 2, wherein the ends of the clips engaging the wedge shaped blocks is slightly inclined to conform to the shape of said wedge shaped blocks.

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