Nov. 11, 1952 B. C. ROEMER 2,617,402

STRING MOUNTED BOW DEFLECTOR

Filed March 21, 1950

Fig. 1.

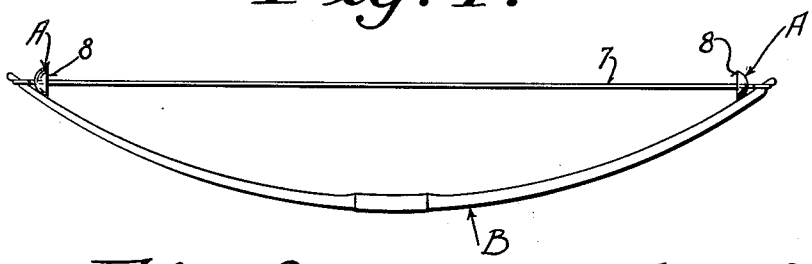


Fig. 2.

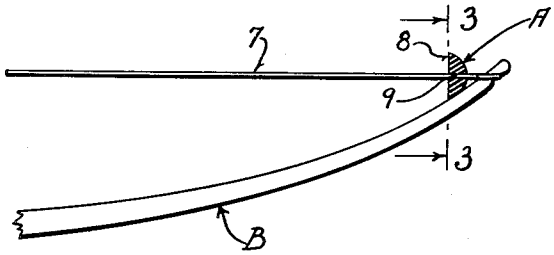


Fig. 3.

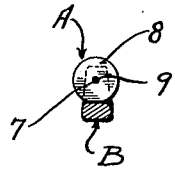


Fig. 4.

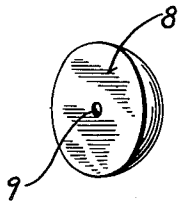


Fig. 5.

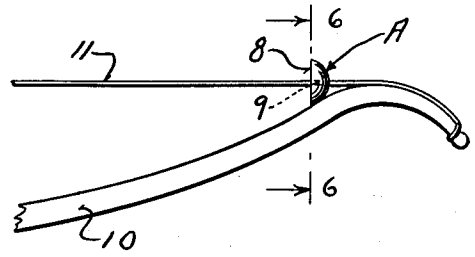
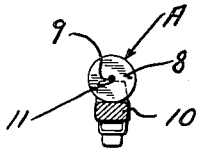


Fig. 6.



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Patented Nov. 11, 1952

2,617,402

UNITED STATES PATENT OFFICE

2,617,402

STRING MOUNTED BOW DEFLECTOR

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Application March 21, 1950, Serial No. 151,006

1 Claim. (Cl. 124—23)

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The invention relates to a string mounted bow deflector.

The object of this invention is to deflect brush, grass and other foreign matter that may accumulate between the bow string and the bow by the use of a string mounted deflector.

When afield, foreign matter such as brush or grass sometimes lodges between the bow string and the bow. This is especially true when one is carrying a recurve bow. The brush deflectors described herein block the wedge-like condition that exists between the bow string and the bow at the ends of the bow, presenting a wider surface to the foreign matter resulting in it being deflected out from between the bow string and the bow.

One form of the invention is illustrated in the accompanying drawing, in which drawing,

Figure 1 is a side elevational view of a bow equipped with the invention.

Figure 2 is an enlarged fragmentary side elevational view showing one end of the bow equipped with the deflector, the deflector being shown in section.

Figure 3 is a detail transverse sectional view through the bow taken on the line 3—3 of Figure 2, looking in the direction of the arrows.

Figure 4 is a perspective view of one of the deflectors.

Figure 5 is a fragmentary side elevational view of one end of a reverse curved bow, showing the deflector in use therewith.

Figure 6 is a transverse sectional view taken on the line 6—6 of Figure 5, looking in the direction of the arrows.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter A generally indicates my novel attachment for a bow B.

The bow B can be of a character now found in general use and includes a bow string 7, attached to the ends of the bow proper.

As brought out in the objects of the specification, difficulty is encountered in the accumulation of grass, weeds and other debris between the ends of the bow string and the bow and the attachment A eliminates this difficulty. As illustrated, the attachment A takes the form of a

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disc 8, preferably molded from rubber, and the axial center of the disc is provided with an opening 9. Before the placing of the bow string 7 on the bow, the string is threaded through the opening 9, after which the string is fastened to the bow end in the usual way, bringing the disc into contact with the inner surface of the bow. The disc acts as a deflector for weeds and debris and prevents such debris from working its way in between the ends of the bow string and the bow.

In Figures 5 and 6, I have shown a recurve bow 10 and its string 11. In this type of bow, the collection of debris between the string and the bow proper becomes a greater hazard and the attachment A entirely eliminates this difficulty. It is noted that the disc 8 engages the inner face of the bow just prior to the reverse curve of the ends of the bow. The disc effectively acts as a deflector and prevents weeds and the like from working their way in between the bow string and the bow proper.

I claim:

A bow for archery comprising a bow body, a string connected to the ends of the body, and a resilient deflector for the bow including a member threaded on the string and engaging the inner surface of the bow body adjacent to the point of connection of the string with the bow, said deflector being of a disc shape having a flat inner surface lying in a plane parallel to the plane of the central transverse axis of the bow.

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