May 22, 1956 R. A. FREID 2,746,658

QUIVER

Filed Jan. 30, 1953

FIG. 1

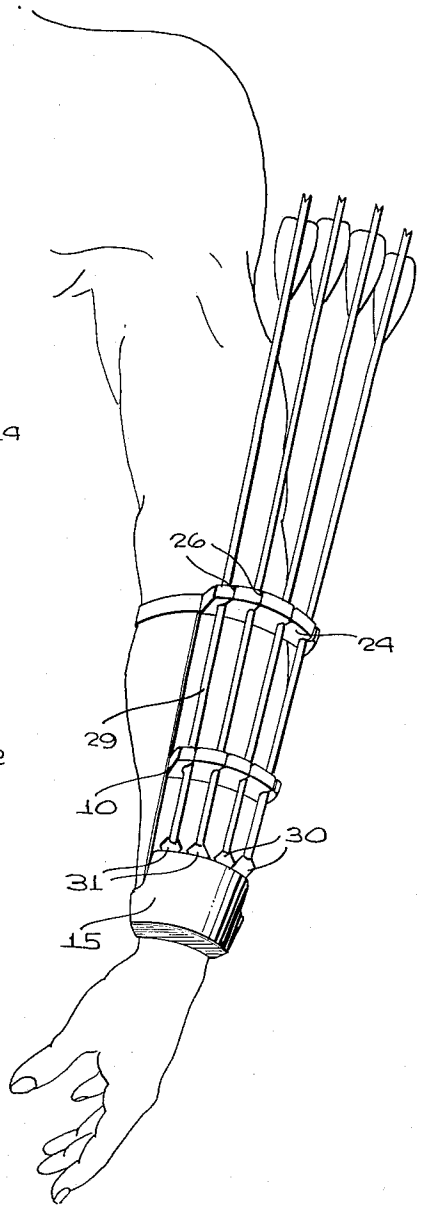


FIG. 2

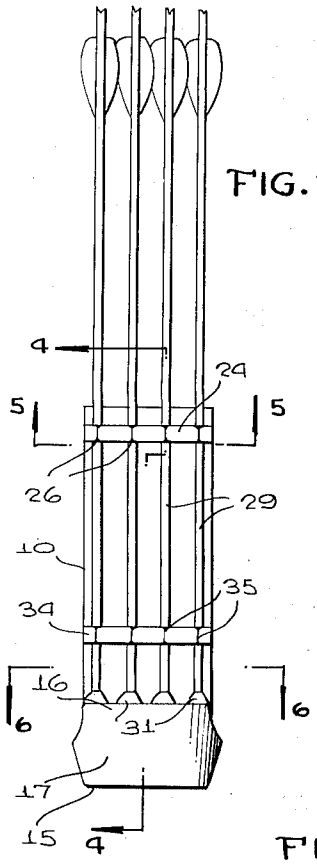


FIG. 3

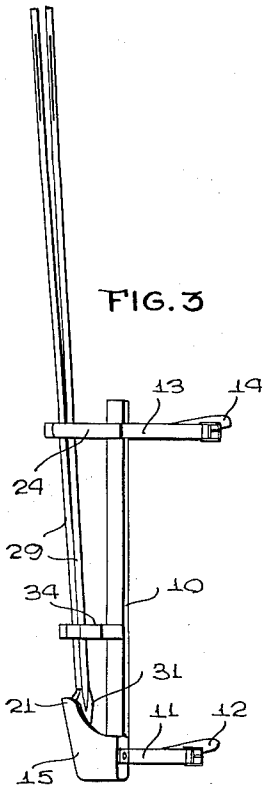


FIG. 4

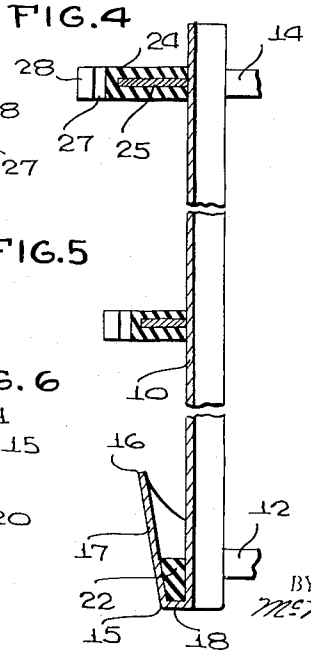


FIG. 5

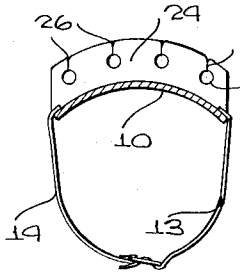
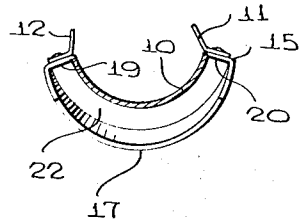


FIG. 6



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QUIVER

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2 Claims. (Cl. 224—28)

This invention relates to quivers for holding arrows and more particularly to a quiver carried on the forearm of a person using a bow.

It is among the objects of the invention to provide an improved quiver which can be mounted on the forearm of a person using a bow to hold a plurality of arrows in position for removal from the quiver in rapid succession; which is easy to secure on the bow holding arm of a person using a bow, and is comfortable to wear and does not interfere in any way with the use of the bow; which permits the arrows to be removed laterally without having to withdraw them longitudinally from the quiver and thus provides for rapid fire operation of the bow; and which is simple and durable in construction, economical to manufacture, effective and efficient in use, and neat and attractive in appearance.

Other objects and advantages will become apparent from a consideration of the following description and the appended claims in conjunction with the accompanying drawing, wherein:

Figure 1 is an elevational view of a human arm with a quiver illustrative of the invention mounted on the arm and a complement of arrows carried by the quiver;

Figure 2 is a front elevational view of the quiver and arrows illustrated in Figure 1;

Figure 3 is a side elevational view of the quiver and arrows illustrated in Figures 1 and 2;

Figure 4 is a longitudinal cross sectional view on the line 4—4 of Figure 2;

Figure 5 is a transverse cross sectional view on the line 5—5 of Figure 2; and

Figure 6 is a transverse cross sectional view on the line 6—6 of Figure 2.

With continued reference to the drawing, the quiver comprises a plate **10** of light weight, rigid material, of elongated rectangular shape and transversely curved to fit around the bow holding arm of a person using a bow, between the wrist and elbow of the associated arm. Straps **11** and **12** are secured to the plate **10** near one end of the plate and at respectively opposite sides thereof and are adapted to surround the forearm of the person carrying the bow adjacent the wrist and to be connected to bind this end of the plate **10** to the arm. Similar straps **13** and **14** extend from the plate **10** near the other end of the plate and at respectively opposite sides of the plate and are adapted to extend around a quiver carrying arm adjacent the elbow of the arm and to be secured together to bind the plate onto the arm carrying the quiver.

A boot **15** is mounted on the convex side of the plate **10** at the end of the plate from which the straps **11** and **12** extend and which is adapted to be disposed adjacent the wrist of the person carrying the quiver, and this boot comprises an open top receptacle **16** having the open top facing toward the other end of the plate **10** and having a transversely curved front wall **17** extending across the convex side of the plate **10** in spaced relationship to the outer or convex side of the plate and extending from the

adjacent end of the plate **10** to a location intermediate the length of this plate, a bottom wall **18** extending between the adjacent end of the plate **10** and the front wall **17** of the receptacle and side walls **19** and **20** extending between the side edges of the receptacle front wall **17** and the corresponding side edges of the plate **10**. The medial portion of the front wall **17** is longer than the edge portion thereof, so that the intermediate portion of this front wall of the receptacle extends further along the plate **10** than the side edges of this front wall, as indicated at **21** in Figure 3, to provide a guard for maintaining the head ends of the associated arrows in the receptacle. The boot further includes a pad **22** of resilient material, such as rubber, disposed in the receptacle against the bottom wall **18** thereof and extending between the side walls **19** and **20**.

A flange structure **24** extends transversely across the convex face of the plate **10** near the end of this plate remote from the boot **15** and comprises a body of resilient material of elongated, rectangular cross sectional shape longitudinally curved to fit around the convex outer surface of the plate **10** and having a core **25** secured at one edge to the plate **10** and embedded in the body **24**. The flange body **24** is provided, in its outer side, with spaced apart, arrow receiving notches **26** each of which, as illustrated in Figure 5, comprises an aperture **27** of circular cross sectional shape extending transversely through the flange body **24** at a location spaced inwardly from the outer side or surface of the flange body, and a slit **28** extending from the corresponding aperture **27** to the surface of the outer side of the flange body. The apertures **27** are of a size to receive the shafts **29** of the arrows **30**, and the material of the body **24** is sufficiently elastic, so that the arrow shafts can be moved into and out of the apertures **27** through the slits **28** without breaking or bending the shafts and without the necessity of moving the arrows longitudinally out of the quiver.

In the arrangement illustrated, there are four notches **26**, so that the quiver will carry four arrows, as illustrated in Figures 1 and 2, and the heads **31** of the arrows are received in the boot **15**. The distance from the boot **15** to the flange body **24** is materially less than the length of the arrows, so that the arrow shafts extend from the boot beyond the flange body **24** and have their feathered ends adjacent the shoulder of the person wearing the quiver, as illustrated in Figure 1, where the arrows are easily accessible to the other hand of the person for removing the arrows from the quiver in rapid succession and applying them to the bow.

An intermediate flange structure **34**, of substantially the same shape, but somewhat smaller than the flange structure **24**, is mounted on the plate **10** between and spaced from the flange structure **24** and the boot **15**. The intermediate flange structure **34** is substantially parallel to the flange structure **24** and formed of the same elastic material and is provided in its outer edge with spaced apart notches **35** in alignment with the corresponding notches **26** in the flange structure **24** and which also releasably receive the arrow shafts **29**. As clearly shown in Figure 1, the flange structures **34** and **24** are of progressively greater height in a direction away from the receptacle **16** of the boot **15**. The flange structure **34** thus assists the structure **24** and the boot **15** in firmly retaining the arrows in position on the plate **10** and in properly spaced relationship to each other.

The invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof. The present embodiment is, therefore, to be considered in all respects as illustrative and not restrictive, the scope of the invention being indicated by the appended claims rather than by the foregoing description, and all changes which come within the mean-

ing and range of equivalency of the claims are, therefore, intended to be embraced therein.

What is claimed is:

1. A quiver comprising an elongated transversely curved rigid plate adapted to fit about a portion of an arm of a person, strap means secured to said plate near respectively opposite ends thereof for attaching the plate to an arm of a person when applied to said arm, an open top receptacle carried by the convex side of said plate adjacent one end of the latter and having the open top facing toward the other end of the plate, a flange of resilient material extending transversely about the convex side of said plate adjacent the other end thereof and fixedly carried by the plate,, and another flange of resilient material extending transversely about the convex side of said plate at a location between said first named flange and said receptacle, the flanges being of progressively greater height in a direction away from said receptacle, each of said flanges having a plurality of spaced notches each extending inwardly from the outer side thereof, the notches of said first named flange being in alignment with the notches of said another flange for releasably receiving arrow shafts.

2. A quiver comprising an elongated transversely curved rigid plate adapted to fit about a portion of an arm of a person, strap means secured to said plate near respectively opposite ends thereof for attaching the plate

to an arm of a person when applied to said arm, an open top receptacle carried by the convex side of said plate adjacent one end of the latter and having the open top facing toward the other end of the plate, a flange of resilient material extending transversely about the convex side of said plate adjacent the other end thereof and fixedly carried by the plate, another flange of resilient material extending transversely about the convex side of said plate at a location between said first named flange and said receptacle, the flanges being of progressively greater height in a direction away from said receptacle, each of said fianges having a plurality of spaced notches each extending inwardly from the outer side thereof, the notches of said first named flange being in alignment with the notches of said another flange for releasably receiving arrow shafts, and a resilient pad fixedly positioned within said receptacle and facing the open top of the latter.

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