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TAKEDOWN BOW

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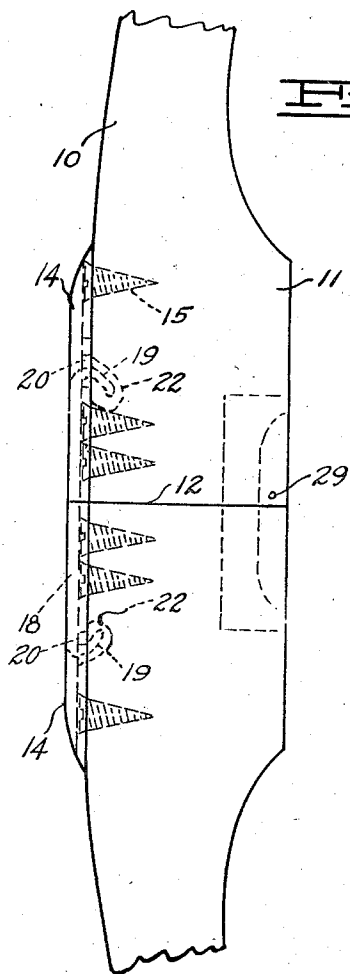


FIG. 1

FIG. 2

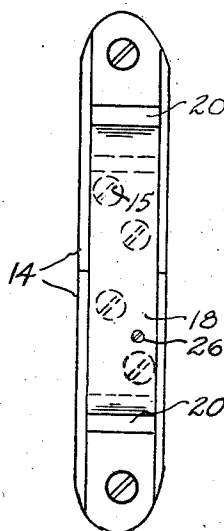


FIG. 3

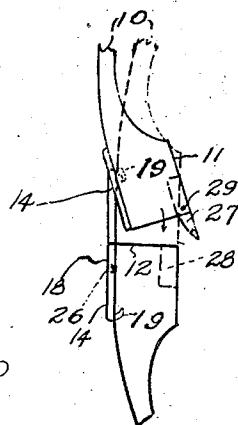
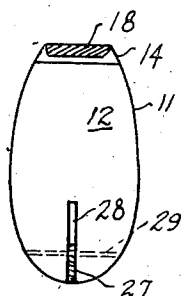


FIG. 4

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TAKEDOWN BOW

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2 Claims. (Cl. 124—23)

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This application relates to takedown bows, such as are used in archery. A takedown bow consists of a bow which is split transversely at the handle. Means are provided for movably connecting the upper and lower limbs of the bow.

It is an object of the present invention to provide a novel and improved means for movably connecting the upper and lower limbs of a takedown bow. The connecting means herein disclosed will now be described upon reference to the appended drawing. In this drawing:

Fig. 1 is a view showing a section of a takedown bow at the handle, with the connecting means in place.

Fig. 2 is an end view of the upper limb of the bow at the handle.

Fig. 3 is a different view of the connecting means.

Fig. 4 is a small scale view illustrating the action of the connecting means.

The drawing shows a takedown bow 10 whose handle 11 is split or cut transversely on line 12 to provide upper and lower limbs. On the outer surface of each limb, adjacent the split, is firmly fastened a plate 14, as by screws 15 whose heads are countersunk in holes of the plate. The plates 14 are channel shape to receive within their channels and to have their channels filled by a connecting strap 18 having hooked ends 19 disposed in slots 20 of plates 14 for connecting the upper and lower limbs of the bow. The handle will have clearance recesses 22 for the hook ends 19 of the strap 18.

A small screw 26 is threaded through a countersunk hole of the strap 18 and into a tapped hole of one of the plates 14, to fasten the strap 18 to that plate 14 so that the strap 18 forms a functionally integral part of the limb to which it is thus secured.

If desired, although it is not necessary, a locating means such as a small plate 27 may be secured to one of the limbs as by being seated in a saw cut 28 therein and fastened by a pin 29, to seat itself into a similar saw cut of the other limb and

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thus help in locating the two limbs as they are moved to each other so as to be connected to each other and form a complete bow.

Fig. 4 illustrates the operation of joining the two limbs or separating them.

It will be observed that the plates 14 and the strap 18 lie flat against the bow, presenting no bumps or bulges to interfere with or impair proper operation and shooting.

Now having described the takedown bow herein illustrated reference should be had to the claims which follow.

I claim:

1. A takedown bow split transversely at the handle, and means for connecting the upper and lower limbs comprising small substantially flat plates fastened to such limbs on the outer surface thereof, each of the plates having a hook receiving recess, and a small flat strap having hook ends detachably received in the recesses of the plates, the strap overlying adjacent portions of both of said plates.

2. A takedown bow split transversely at the handle, and means for connecting the upper and lower limbs comprising small substantially flat plates fastened to such limbs on the outer surface thereof, each of the plates having a hook receiving recess, and a small flat strap having hook ends detachably received in the recesses of the plates, the strap overlying adjacent portions of both of said plates, and means for securing the strap rigidly to one of the plates.

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