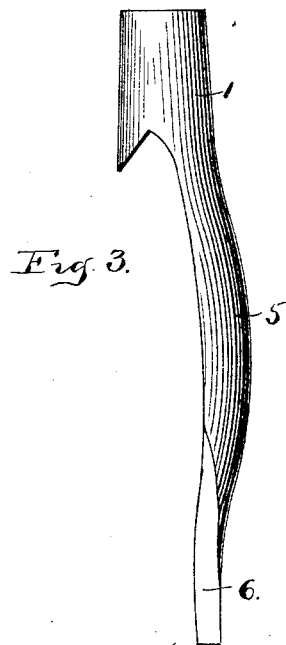
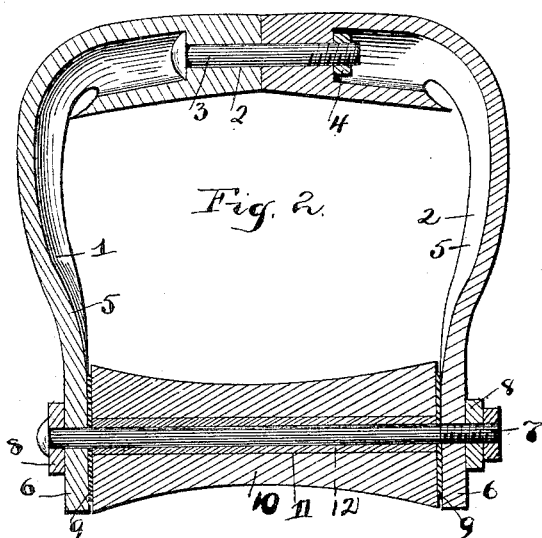
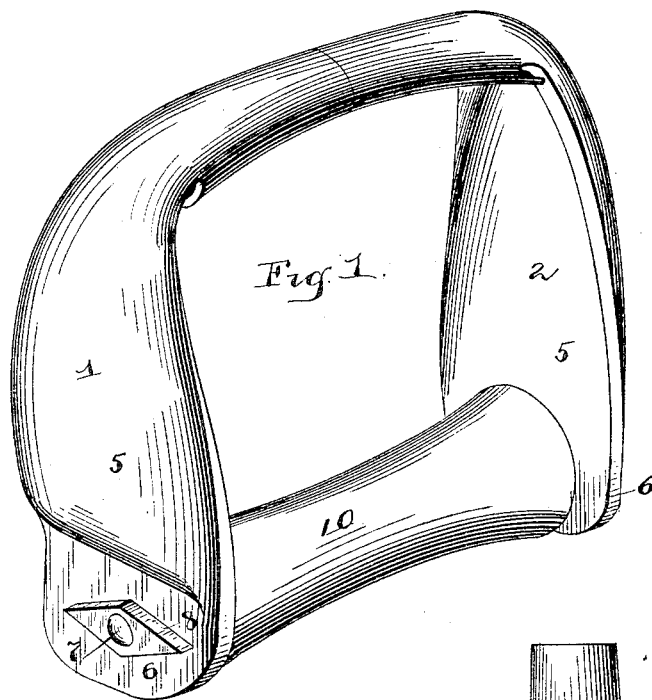


(No Model.)

J. W. BAKER.  
STIRRUP.

No. 453,607.

Patented June 9, 1891.



Witnesses:

*W. J. Dancy*

By his Attorneys,

*C. A. Snow & Co.*

Inventor

*Joseph W. Baker*

# UNITED STATES PATENT OFFICE.

JOSEPH W. BAKER, OF BAKER'S STORE, TEXAS.

## STIRRUP.

SPECIFICATION forming part of Letters Patent No. 453,607, dated June 9, 1891.

Application filed January 8, 1891. Serial No. 377,140. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH W. BAKER, a citizen of the United States, residing at Baker's Store, in the county of Cooke and State of Texas, have invented a new and useful Stirrup, of which the following is a specification.

This invention relates to an improvement in stirrups; and the objects of the invention are to provide an ornamental serviceable stirrup from the horns of animals.

The invention consists in the novel features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a stirrup constructed in accordance with my invention. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is a side elevation of one of the sections of the stirrup after cutting and before bending.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I employ the horns of suitable animals, preferably the horns of steers, as the same are strong, large, durable, cheap, and capable of a high finish.

To construct the stirrup I take a pair of horns and sever the same transversely, employing only the lower halves or butts, so that the same are of truncated-cone shape. These I split from their bases to near their upper or reduced ends, and opposite the end of the split form inclined transverse cuts, thus removing one section or longitudinal side of the horn, with the exception of the portion that is left at the upper ends of the same. These are bored longitudinally and are connected by means of a bolt passed there-through, the two sections being bound together by means of a nut screwed down upon the bolt. The cylindrical remaining portions and the bolt constitute an extremely rigid cross-bar for the stirrup, to which the stirrup-strap is attached. After forming the cross-bar the split portions are downwardly bent at nearly a right angle to the transverse portion, forming opposite vertical terminals, which gradually grow wider toward their lower ends and are flattened, as shown. It

now remains simply to provide a suitable foot piece or rest for connecting these terminals.

Referring more particularly to Figs. 1 and 2, 1 designates the two cylindrical portions of the opposite stirrup-sections, which are bored, as at 2, and connected by the binding-bolt 3 and its nut 4. 5 designates the depending sides or terminals, and 6 the flattened ends of the same, which are transversely perforated and connected by a bolt 7, between the nut and head of which and the exteriors of the terminals are located ornamental washers 8. The bolt is provided near opposite ends and inside of the terminals with washers 9 to prevent injury to the stirrup. Any suitable foot piece or rest may be employed, but in this instance I have shown an ordinary spool-shaped piece 10, which is provided with a longitudinal bore 11, having fitted therein a rigid bushing 12 of metal, mounted upon the bolt and having its ends extending a slight distance beyond the foot-piece and bearing against the washers 9.

A stirrup thus constructed will be found extremely strong and serviceable, highly ornamental and attractive, and capable of being manufactured at a reasonable cost.

The horn is especially adapted for this construction of stirrup by reason of the natural bore in the horn. This bore receives the connecting-bolt, and thus boring is avoided.

Having described my invention, what I claim is—

1. As an improved article of manufacture, a stirrup consisting of two horns longitudinally split from their butts to near their smaller ends and curved to form the opposite foot-embracing side pieces, the foot-piece connected to the butts of the horns, and the bolt passed through the bores of the horns at their upper ends and nuted, substantially as specified.

2. The herein-described stirrup, formed of two sections of horn, said sections being split from their bases to near their upper ends and having their inner split sides removed, a bolt passed through the upper cylindrical portions, said sections being bent beyond the bolt to form depending sides, which are flat-

tened and perforated, a bolt connecting the sections, washers located upon the bolt at each side of each of the terminals, a foot-rest, and a metal bushing mounted in the  
5 foot-rest and upon the bolt and bearing against the opposite inner washers, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH W. BAKER.

Witnesses:

WM. LEMONS,

F. C. BLACKWELL.