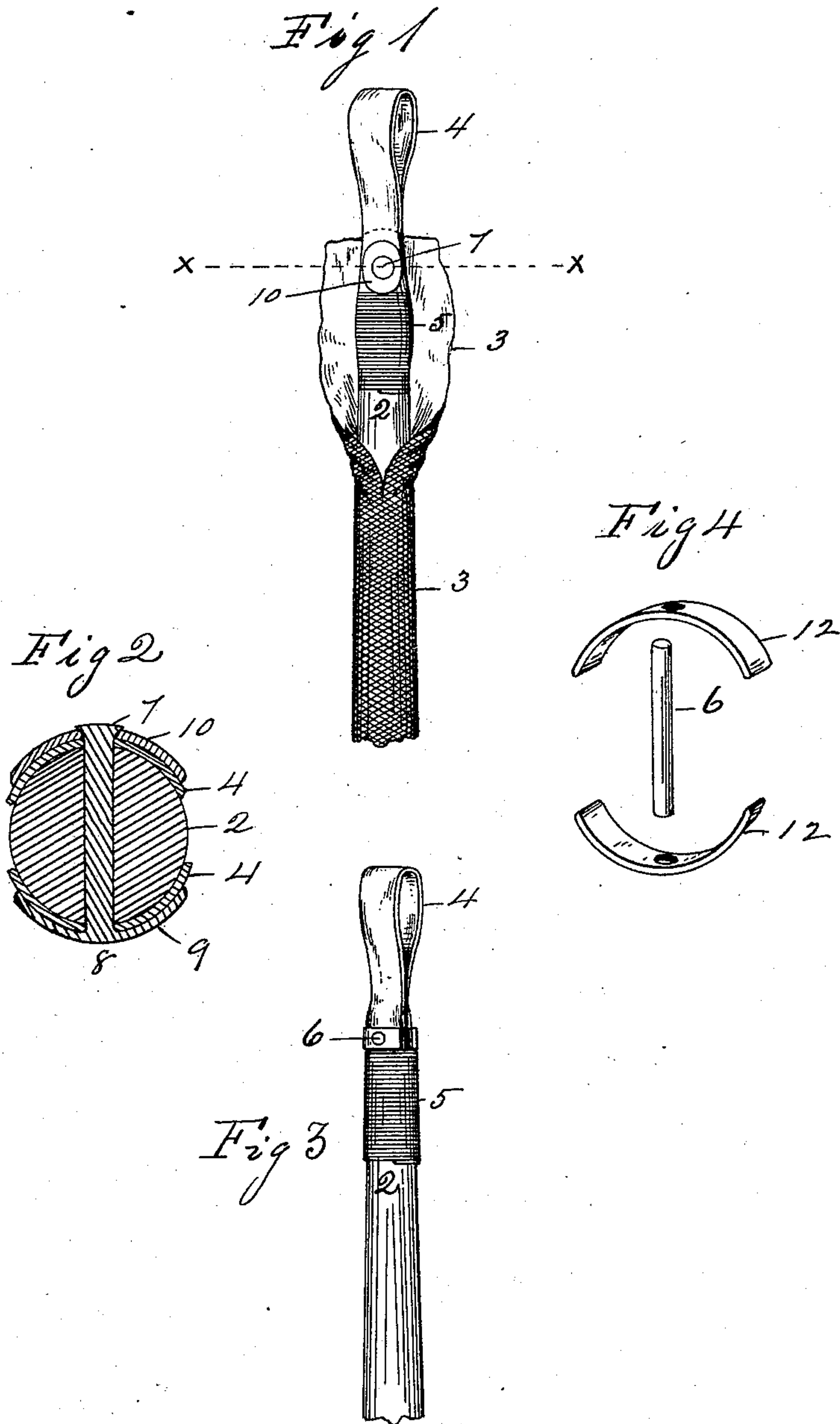


(No Model.)

E. N. PARKER.
LASH LOOP FASTENING.

No. 351,522.

Patented Oct. 26, 1886.



Witnesses.
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UNITED STATES PATENT OFFICE.

ERASTUS N. PARKER, OF SPRINGFIELD, MASSACHUSETTS.

LASH-LOOP FASTENING.

SPECIFICATION forming part of Letters Patent No. 351,522, dated October 26, 1886.

Application filed August 4, 1886. Serial No. 209,996. (No model.)

To all whom it may concern:

Be it known that I, ERASTUS N. PARKER, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Lash-Loop Fastenings for Whips, of which the following is a specification.

This invention relates to whips, and particularly to improved means for attaching the snapper or lash-loop thereto, the object being to provide such means for attaching said loop to the whip as obviates all danger of its disengagement therefrom by ordinary use; and the invention consists in the peculiar construction, arrangement, and adaptation of the loop-attaching devices, as hereinafter fully described, and set forth in the claims.

In the drawings forming part of this specification, Figure 1 is a side view of the tip end of a whip having my improvements applied thereto, said figure showing the usual plaited covering of the whip opened and turned away from the whip-stock, to better show my improvement. Fig. 2 is an enlarged transverse section of the end of the whip (not including the plaited covering) on line *xx*; Fig. 1. Fig. 3 is a side elevation of the tip end of a whip having applied thereto my improved loop-fastening in a slightly different form from that shown in Fig. 1; and Fig. 4 is a detailed perspective view of the fastening devices shown in Fig. 3.

In the drawings, 2 indicates the whip-stock, made in any suitable manner, either from the usual cemented strips of rattan or other material or from a single stick; and 3 indicates the usual plaited outer covering of the whip. The snapper or lash-loop 4 is made, preferably, of a strip of soft leather, although any other similar pliable and strong material may be used. Said strip of leather is doubled, as shown, to form said loop, and its ends are applied against the opposite sides of the extreme end of the stock 2, and are secured to the latter by a thread, 5, which is wound around them to hold them in place while the essential loop-fastening devices below described are applied thereto, said winding of the ends of the loops serving also to properly compress the same, so that the plaited covering which is applied

thereover (when the said fastening devices are used on a whip so covered) will not unduly project at that point beyond the surface of the whip below it. The aforesaid essential loop-fastening devices consist of a metallic pin, 6, Fig. 4, or the shank 7 of the metallic rivet 8, Fig. 2, which passes transversely through each of said ends of the loop 4 and that part of the whip therebetween near the end of the latter, said shank, in the case of the rivet, having a broad head, 9, on one end, and having an equally-broad washer, 10, riveted to the end of said shank 7, said washer on one side and said head 9 on the opposite side of the whip clamping tightly the said ends of the loop 4 between them and the sides of the whip.

In Fig. 3 is shown the application of the fastening devices illustrated in Fig. 4, consisting of said pin 6 and the metallic straps or oblong washers 12, the latter being, as in Fig. 3, riveted to the ends of said pin, the latter, together with said washer, being, for the purposes of fastening the loop to the whip, the full equivalent of the said rivet 8 and its washer 10, and for fine whips with tips of small diameter at the end, the devices shown in Figs. 3 and 4 may be preferable, for the reason that the pieces shown in the latter figures may be provided more conveniently of delicate dimensions than can the said rivet and washer.

An essential feature of the above-described loop-fastening devices consists in providing for the rivet 8 a head, 9, and a washer, 10, of such diameter, and for the pin 6 washers of such length, that when applied to the whip, as shown, they are capable of being formed or bent around the loop ends and those sides of the whip-stock opposite the axis of the said rivet shank or pin, as shown in the drawings. By inclosing the said part of the stock 2 between the curved rivet-head and its washer said stock is so clamped and partially surrounded by the metallic shell-like formation of said rivet-head and washers that the end of the stock or the tip thereof is prevented from splitting, and therefore the loop is secured to the latter in the most permanent manner.

What I claim as my invention is—

1. A lash-loop fastening for whips, consisting of a pin passing transversely through the end of the whip and through the ends of the

loop, said pin having on the ends thereof curved washers, between which the end of the whip and said loop-ends are clamped, substantially as set forth.

- 5 2. A lash-loop fastening for whips, consisting of a rivet having a curved head, and a shank passing transversely through the end of

the whip and through the ends of the loop, and a curved washer secured on the end of said rivet-shank, substantially as set forth.

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