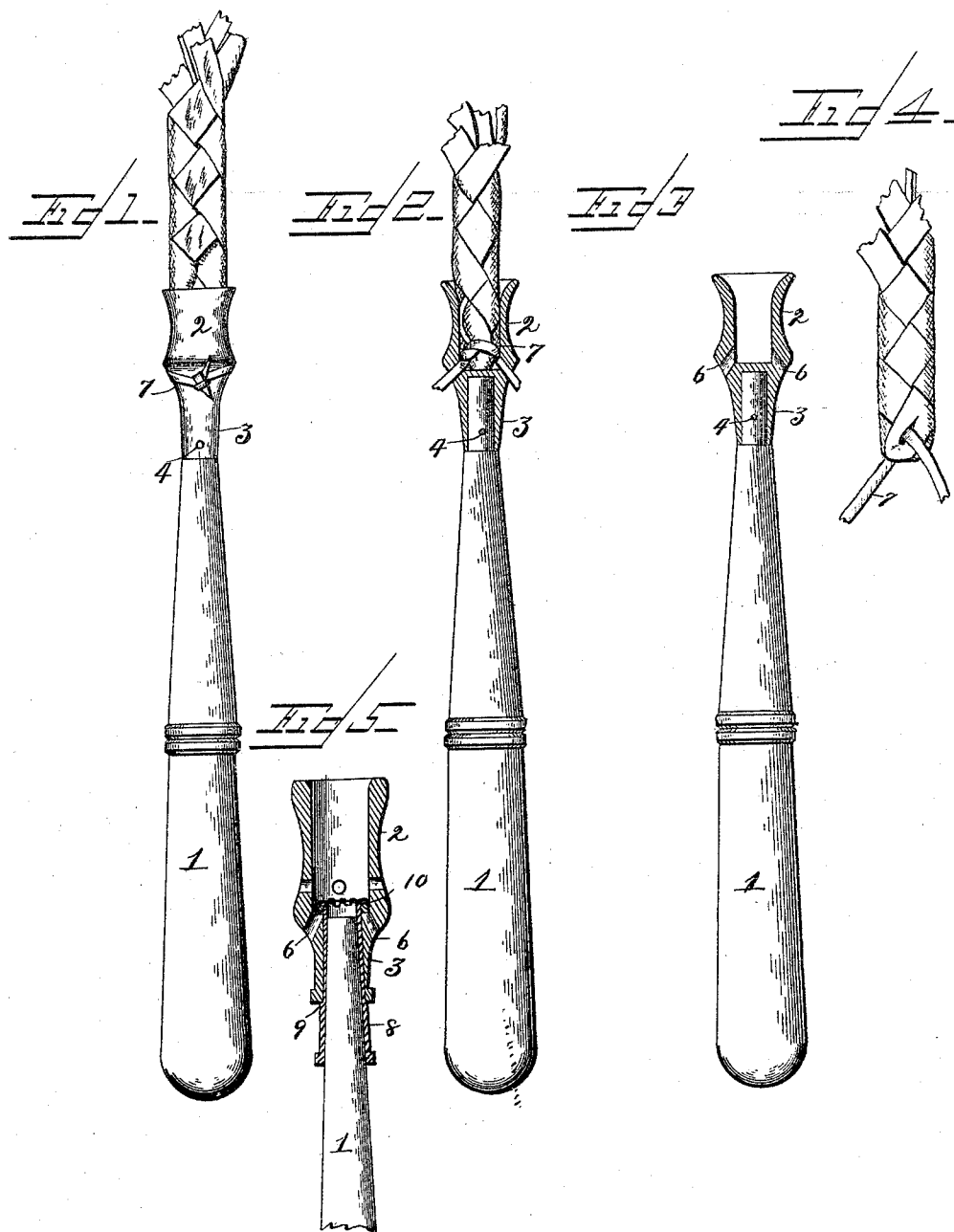


(No Model.)

A. SANDERS.
WHIP.

No. 509,452.

Patented Nov. 28, 1893.



WITNESSES:
F. L. Curand
W. L. Crooms

INVENTOR:
Alexander Sanders
By Saml. Rogers & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

ALEXANDER SANDERS, OF POPLAR BLUFF, MISSOURI.

WHIP.

SPECIFICATION forming part of Letters Patent No. 509,452, dated November 28, 1893.

Application filed February 15, 1893. Serial No. 462,412. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER SANDERS, a citizen of the United States, and a resident of Poplar Bluff, in the county of Butler and State of Missouri, have invented certain new and useful Improvements in Whips; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in whips and has for its object to provide improved means for connecting the thong with the handle or stock, whereby they are securely held or secured.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings: Figure 1 is a side elevation of a portion of a whip showing my improvements. Fig. 2 is a central sectional view. Fig. 3 is a similar view of the handle detached. Fig. 4 is a detail view showing the manner of connecting the securing cords or strips to the thong. Fig. 5 is a view showing a modified construction.

In the said drawings the reference numeral 1 designates the handle of wood or other suitable material, provided at one end with a metallic socket 2, with a hollow shank 3, into which the end of the handle fits and is secured thereto by means of rivets 4. It is also provided with two or more holes or apertures 6, at or near its junction with the shank. The thong consists of a number of leather straps or strips plaited together as usual. One end of the thong is adapted to be inserted in the socket 5, and the straps or strips at such end are pierced with a hole or aperture through which is passed the securing cord or strip of leather 7 or other material. After being passed through said apertures, the strip 7, is looped around the ends of the straps composing the thong, thereby securely holding or clamping the same together. The end of the thong is then inserted in the socket 5, the cords or strips 7 passed through the apertures

6, and then wound around the shank 3, and securely tied. By this means the thong and handle are securely connected together. The upper end or tip of the thong is to be provided with the lash as usual, and it may be stiffened with a central wooden or rattan core, and the handle, socket, and thong may also be provided with a plaited covering if desired, and may be otherwise finished, as in ordinary constructions of whips.

In the modification shown in Fig. 5, the handle is provided with a metallic ferrule 8, provided with a shoulder 9. This ferrule passes up through the hollow shank and projects a short distance within the socket where it is provided with a collar 10, whereby the socket is held in place. It will thus be seen that the socket is swiveled upon the ferrule so that it may be turned or rotated thereon.

My invention is applicable to all styles of whips, from the commonest grades, such as are used by cattlemen, truck drivers and others, to the finer constructions, such as coach, saddle, and circus whips.

Having thus described my invention, what I claim is—

1. In a whip the combination with the socket, having holes or apertures therein, and formed with a hollow shank, the handle fitting in said shank, the thong fitting in said socket, and the fastening cord passing through the end of said thong and through the holes in the socket and wound around the socket and tied, substantially as described.

2. In a whip, the combination with the ferrule having a shoulder at its outer end and a shoulder at or near its center, of the socket swiveled in said ferrule and provided with holes or apertures, the thong fitting in said socket, and the fastening cord passing through said thong and holes and wound upon the socket and tied, substantially as described.

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

ALEXANDER SANDERS.

Witnesses:

W. W. BOYD,
GREEN TYRO.