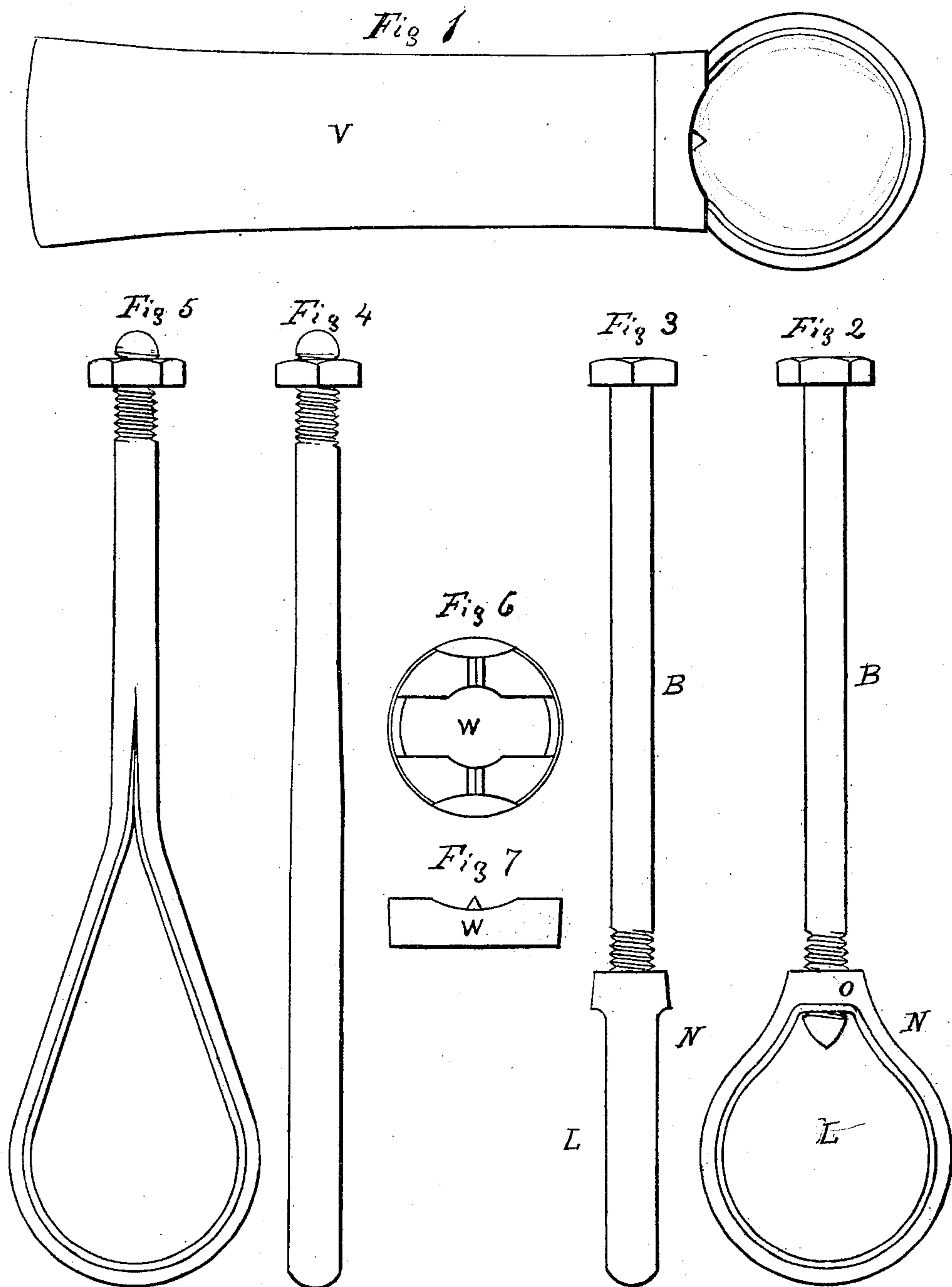


J. W. CONWAY.
SNATH NIB.

No. 245,280.

Patented Aug. 9, 1881.



Witnesses
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JOHN W. CONWAY, OF JACKSON, MICHIGAN.

SNATH-NIB.

SPECIFICATION forming part of Letters Patent No. 245,280, dated August 9, 1881.

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To all whom it may concern:

Be it known that I, JOHN W. CONWAY, of the city of Jackson, county of Jackson, and State of Michigan, have invented a new and useful Improvement in Snath-Nibs, of which the following is a specification.

The invention relates to such class of nibs as are attached to the snath by means of a loop over the same and extending through the nib. To lessen the bulk of packages and facilitate the shipment of such goods I have invented the universal detachable nib-fastening herein-after described. My aim is to provide a nib that can be readily detached from the snath and interchangeable, any nib fitting equally well any snath, attached by a few turns of nib to screw it on and the reverse to screw it off. For shipment it may be left off; the snath will then pack very closely.

In the accompanying drawings, Figure 1 represents the nib and attachment combined; Figs. 2 and 3, a view of loop end and bolt. Figs. 4 and 5 show the usual bolt and nut; Figs. 6 and 7, the ferrule usually used between nib and snath.

The invention consists of a loop, L, Fig. 2, that may be expanded or contracted at the neck N, to a certain extent, to fit any small difference in the size of snath-stick, having the joining O in the form of a nut, into which a pointed bolt, B, made to pass through the length of the nib, is screwed, the head of this bolt being let into the outer end of nib-wood V, and the usual ferrule, W, used between the nib and snath, the whole making a complete nib-fastening.

The nib-wood, the bolt, the thread in the nut, and the thread on the bolt are all made to a standard, and are therefore interchangeable. The loops are made in several sizes, to allow for difference in size of snath-sticks, but all fitted so that any bolt can be used with any loop.

In using the nib-fastening it is the intention to have the loop attached to the snath permanently before leaving the manufactory, to

insure its fitting the snath. In attaching them they are compressed at the neck N, after being placed in proper position on snath in such manner that they grasp it firmly, and with usual care will retain their position for shipment and until it is necessary to attach the nib-wood, and as these are all prepared with bolt fastened in position it is simply necessary to place the washer W over the loop and screw on the nib.

The ferrule is a casting in which the nib-wood, when being screwed up to place, will turn. The bolt B, when put into the nib, has its head pressed into the end of the wood, so that all that need be done in attaching the parts is to put the ferrule over the loop and then apply the nib-wood, entering the screw-threaded point of the bolt into nut O and turning the nib until the parts are screwed tightly together. The device thus constructed possesses decided advantages over the ordinary loop and bolt made in one piece, as shown in Figs. 4 and 5. Such a nib-fastening as that shown in these figures cannot be detached to any advantage for shipping, for if the nib-wood and washer are removed there still remains the nib-iron, which takes up as much room as the full nib. In my device not only are the nib-wood and bolt applied and detached in one piece, but when they are detached the loop that necessarily remains on the snath projects from it so little as to be unobjectionable.

What I claim is—

The loop L, formed with the nut O, and adapted to be contracted or expanded at its neck to fit the snath-stick, in combination with the ferrule, the nib, and the bolt B, screw-threaded at its front end, and seated in the nib so as to be incapable of turning independently thereof, as and for the purposes herein-before set forth.

JOHN W. CONWAY.

Witnesses:

D. G. PALMER,
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