

(No Model.)

A. LANE.

NIB IRON FOR SCYTHE SNATHS.

No. 283,406.

Patented Aug. 21, 1883.

Fig. 1.

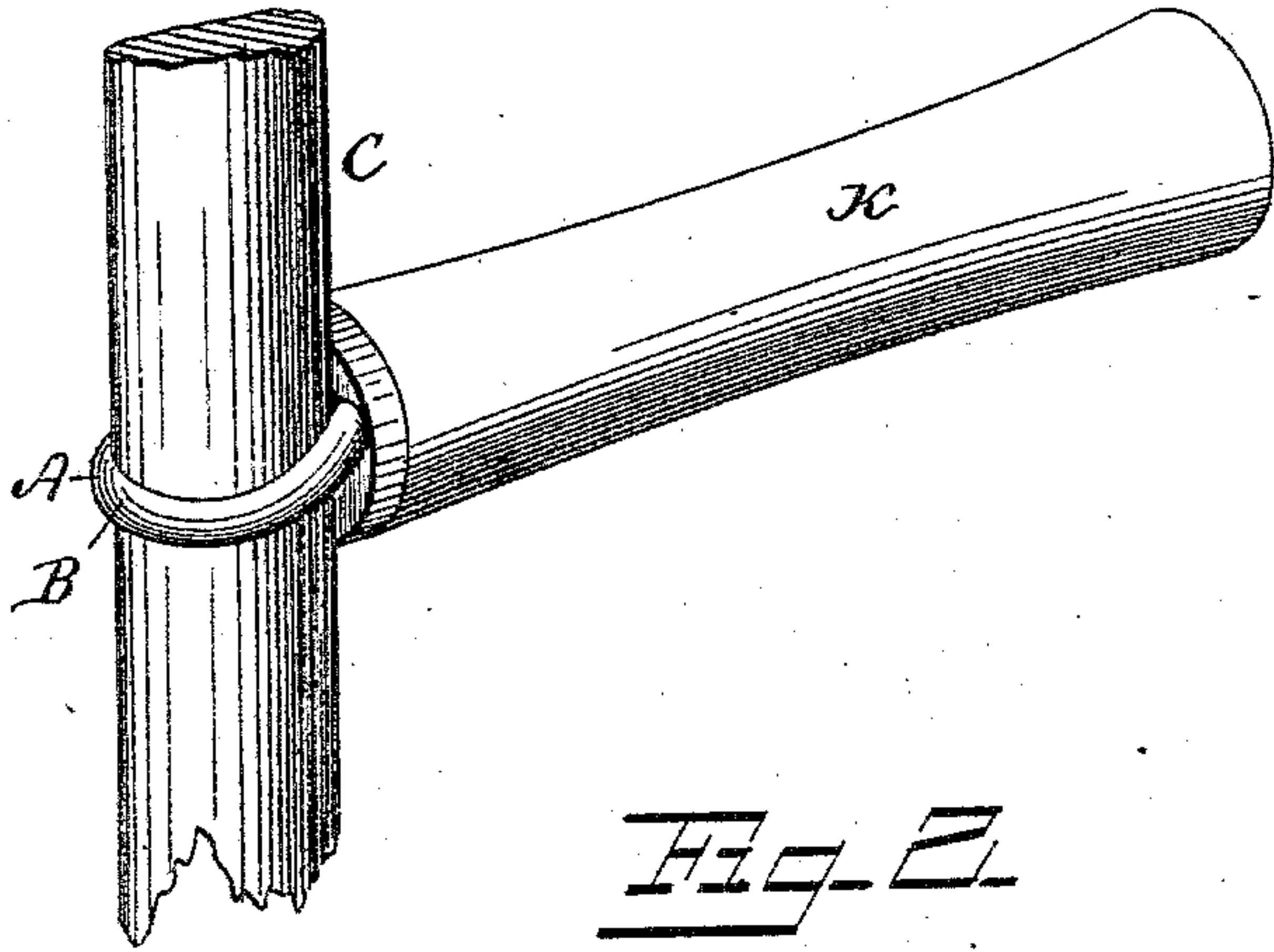


Fig. 3.

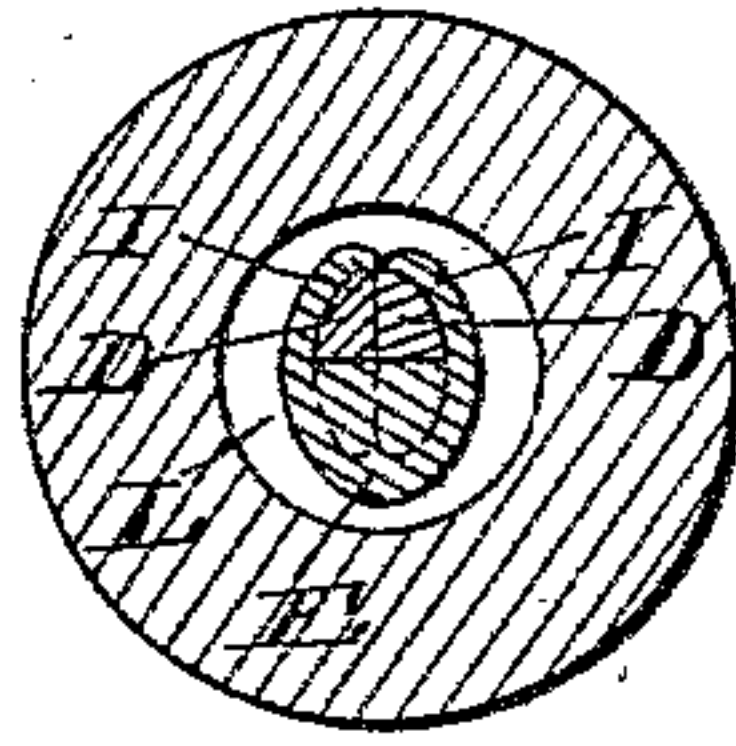


Fig. 2.

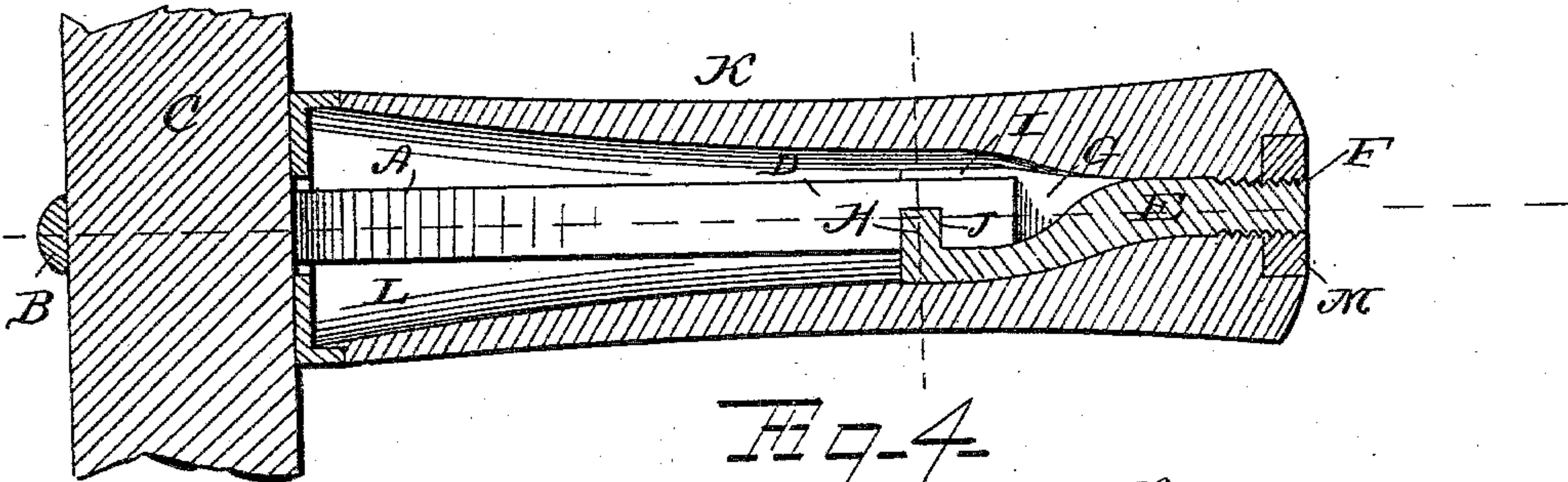


Fig. 4.

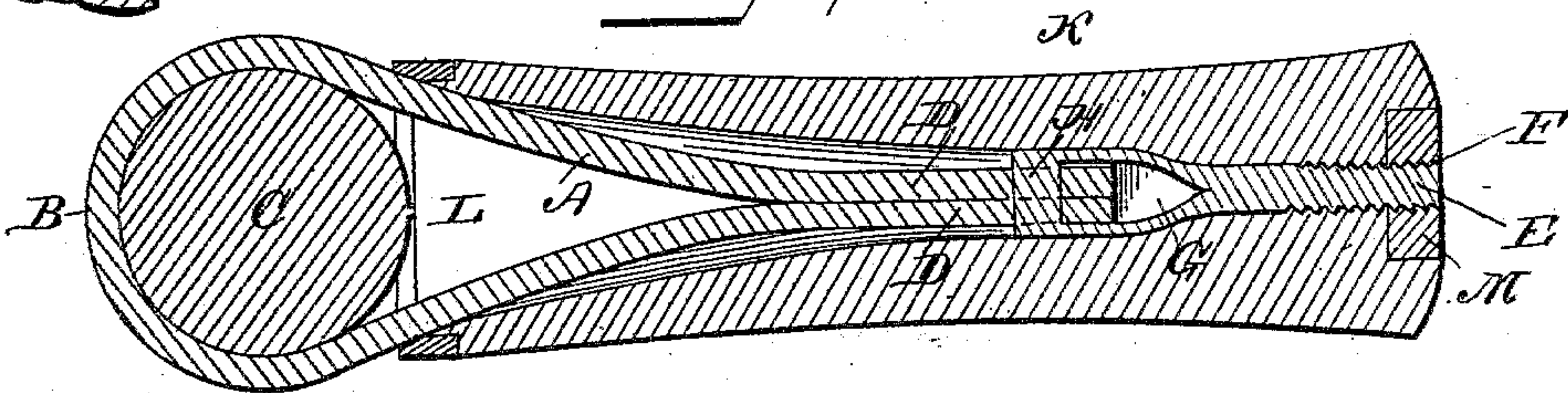
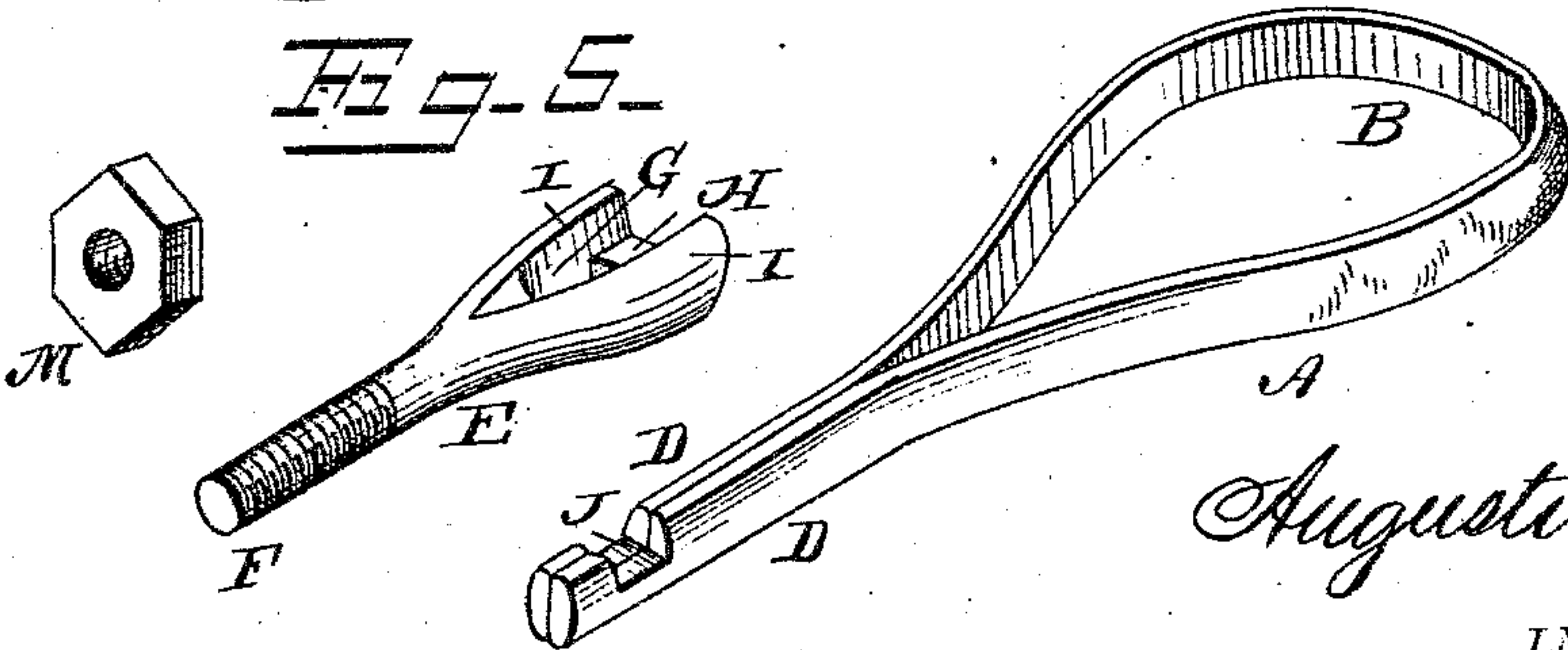


Fig. 5.



WITNESSES

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AUGUSTINE LANE, OF BELLOWS FALLS, VERMONT.

NIB-IRON FOR SCYTHER-SNATHS.

SPECIFICATION forming part of Letters Patent No. 283,406, dated August 21, 1883.

Application filed May 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTINE LANE, a citizen of the United States, residing at Bellows Falls, in the county of Windham and State of Vermont, have invented a new and useful Nib-Iron for Scythe-Snaths, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to nib-irons for scythe-snaths; and its object is to provide simple, durable, inexpensive, and efficient means for splicing the nib-iron in lieu of welding it, which latter is a costly and troublesome process.

In the drawings, Figure 1 is a perspective view, showing my improved nib-iron and the nib-wood or handle in position on the scythe-snath. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view taken through where the ends of the nib-iron are spliced. Fig. 4 is a detail sectional view taken on a longitudinal plane through this splice. Fig. 5 is a perspective view of the parts of the nib-iron separated.

Referring to the drawings, A designates the nib-iron proper, which is bent in the form of a loop, B, that encircles the scythe-snath C in the usual manner, and has its ends brought together, as shown at D D. Heretofore these ends have been simply welded together, passed through the nib-wood or handle, and then secured by a nut; but this method of welding the irons has proved very expensive and generally unsatisfactory.

E designates a tip-piece, which is preferably formed of malleable iron, having its outer end portion, F, screw-threaded and provided with a recess, G, in one side at its inner end.

This recess forms an end cross wall or bridge, H, above which the sides of the recess provide longitudinally-extending flanges I I, as shown. The adjoining ends D D of the nib-iron A are provided with a transverse groove, J, which receives the end wall or bridge H when these ends are sprung together and seated in the recess, as shown. After being thus seated the flanges I I are bent over to secure the ends of the nib-iron in the said recess. The handle K is now placed in position, (it being provided with a longitudinal perforation, L, to receive the nib-iron,) and the whole is secured by a nut, M, working on the screw-threaded end F of the tip-piece E.

The advantages of my invention will be readily understood and appreciated. It is very simple and inexpensive, and is far more durable and efficient in practice than if it were welded; besides, the parts can be readily interchanged for substitution or other purposes.

I claim as my invention—

The combination of the looped nib-iron having the transverse groove in its adjoining ends, the tip-piece having the screw-threaded end and provided with the recess in its inner end which receives the grooved ends, and is formed with the end bridge and side flanges bent over these ends, the nib-wood or handle, and the end securing-nut, as set forth.

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

AUGUSTINE LANE.

Witnesses:

CHARLIE F. WILLIAMS,
FRANCIS A. BOLLES.