O. CLARK.

Attaching Scythes to Snaths.

No. 18,119. Patented Sept. 1, 1857.

Fig. 9

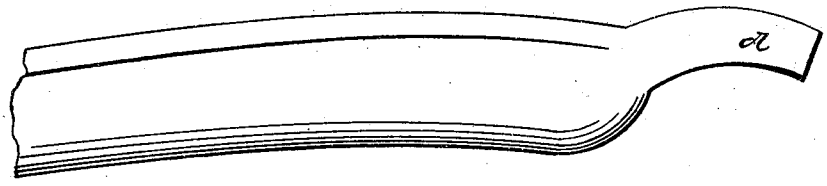


Fig. 1

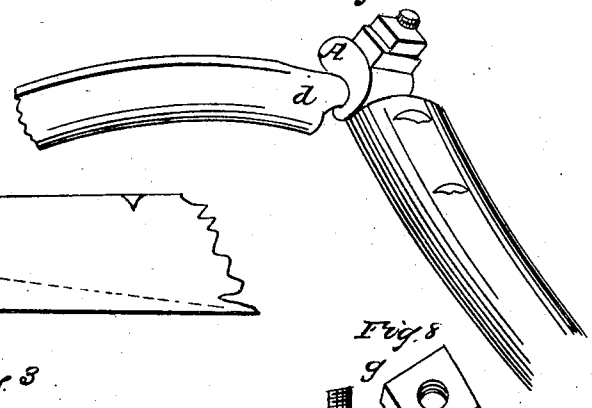


Fig. 2

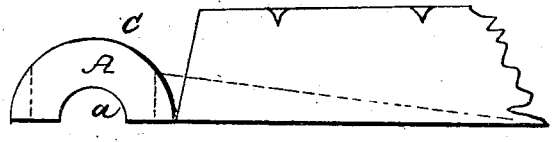


Fig. 3

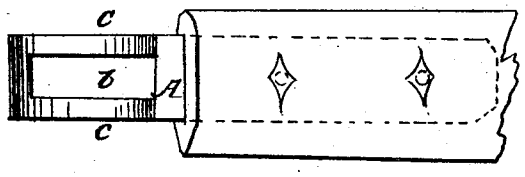


Fig. 8

Fig. 7



Fig. 6

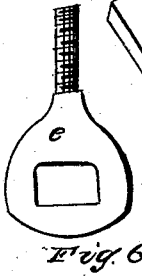


Fig. 4

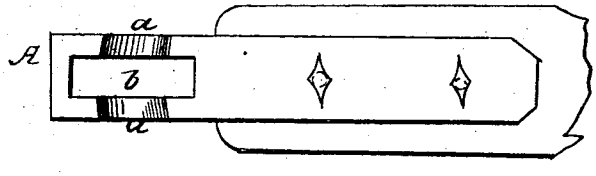
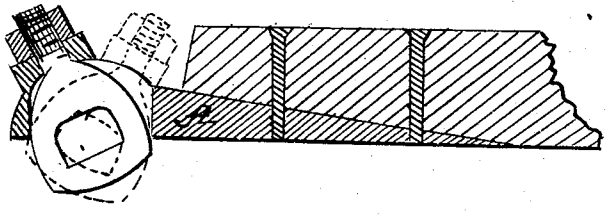


Fig. 5



Witnesses
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J. N. Campbell

Inventor
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UNITED STATES PATENT OFFICE.

OLIVER CLARK, OF HENRIETTA, ASSIGNOR TO AARON H. PINNEY, OF COLUMBUS, OHIO.

IMPROVEMENT IN MODES OF ATTACHING SCYTHES TO SNATHS.

Specification forming part of Letters Patent No. **18,119**, dated September 1, 1857.

To all whom it may concern:

Be it known that I, OLIVER CLARK, of Henrietta, in the county of Lorain and State of Ohio, have invented a new and Improved Method of Attaching Scythes to Snaths; and I do hereby declare that the following is a full and exact description thereof, reference being had to accompanying drawings and letters of reference thereon, in which—

Figure 1 is a perspective view of the heel of the snath with the scythe attached; Fig. 2, a side view of the metallic block A, to which the scythe is fastened. Fig. 3 is a plan view of the same, showing the vertical slot *b* through its center. Fig. 4 shows the under side of the same with the curved and concave recess *a*, in which the scythe is held. Fig. 5 is a longitudinal section of the same, showing the stirrup *e* in its place and its movement. Fig. 6 is the stirrup *e*. Fig. 7 is the washer or collar *f*; Fig. 8, the nut *g*, and Fig. 9 the scythe-heel.

The nature of my invention consists in so constructing and arranging the several parts as that the scythe is securely fastened, is easily and quickly removed and replaced, and is perfectly adjustable in regard to the elevation and depression of the edge and the angle of the blade to the snath—*i. e.*, the edge may be raised or depressed within limits which are ample for all practical purposes, as much or as little as may be desired, and the point set in or out more or less, according to the convenience or fancy of the operator.

I construct a block, A, of metal, to be attached to the wood of the snath by any suitable means, and extending beyond it, with a vertical slot, *b*, through its center, a concave recess, *a*, in its lower surface, which is also slightly curved transversely, and the upper surface, *c*, convex, the arc being concentric with that of the recess below; also, a stirrup-bolt, *e*, Fig. 6, a collar, *f*, Fig. 7, and a screw-nut, *g*, Fig. 8. The stirrup-bolt is seen in its place at Fig. 5, its stem passing through the slot *b* in the block A, Figs. 2 and 3, the collar being under the nut and its concave surface fitting upon the upper surface of the block. The scythe-shank *d* is curved longitudinally to make it fit the transverse curve of the recess *a* in the block A, and may have a transverse convexity corresponding with the concavity of the recess.

The operation is thus: The scythe-shank, being placed in the recess and through the eye of the stirrup, is tightened by the screw, and the shank being longer than the recess, the angle of the blade to the snath is adjusted by passing it (the shank) a greater or less distance through the eye of the stirrup, and the edge raised or depressed by moving the collar longitudinally upon its seat, thus correspondingly rolling the shank in the recess.

I do not claim the making of a scythe with a curved heel, as I claimed that in a former patent.

What I claim as my invention, and desire to secure by Letters Patent, is—

The metallic block A, in combination with the stirrup-bolt *e*, collar *f*, and scythe-heel *d*, constructed and arranged in the manner and for the purpose set forth.

OLIVER CLARK.

In presence of—

WM. SPENCER,

J. B. PIERCE.