

O. CLARK.
Scythe Snath.

No. 5,930.

Patented Nov. 21, 1848.

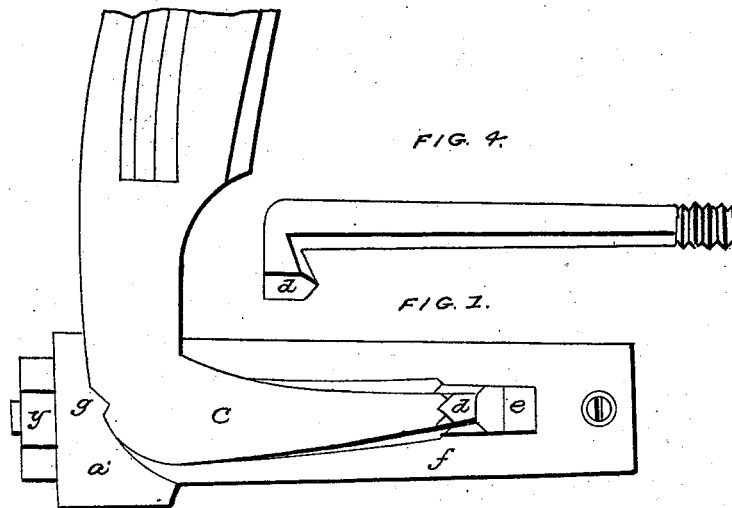


FIG. 2.

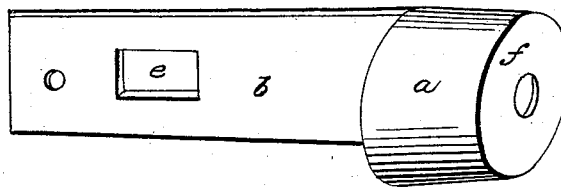


FIG. 3.

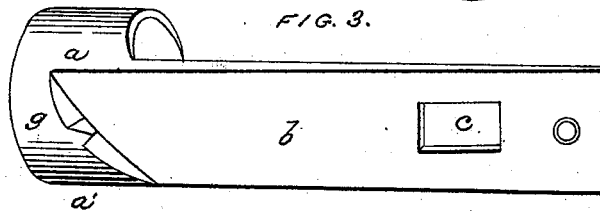


FIG. 5.

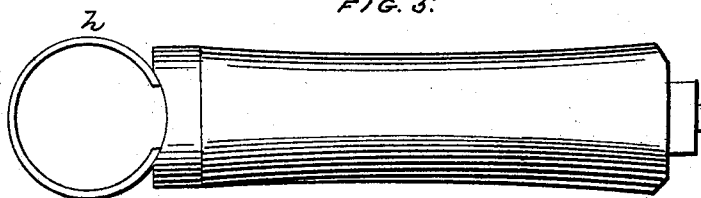
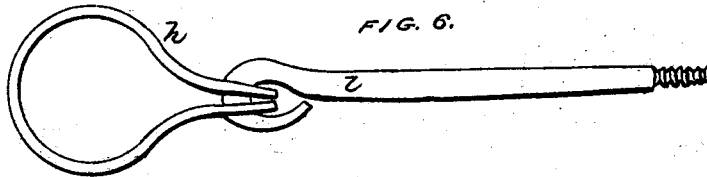


FIG. 6.



UNITED STATES PATENT OFFICE.

OLIVER CLARK, OF BRUNSWICK, OHIO.

IMPROVEMENT IN SCYTHE-FASTENINGS.

Specification forming part of Letters Patent No. 5,930, dated November 21, 1848.

To all whom it may concern:

Be it known that I, OLIVER CLARK, of Brunswick, in the county of Medina and State of Ohio, have invented new and useful Improvements in Scythe-Snaths; and I do hereby declare that the following is a full and exact description of the same, reference being had to the drawings accompanying and making a part of this specification, in which—

Figure 1 shows the under side of the apparatus for holding the scythe, with the heel of the scythe attached. Figs. 2 and 3 give different views of the socket and plate separate from the other parts. Fig. 4 is the bolt used in fastening the scythe. Fig. 5 shows the neb, with all its parts together and separate from the snath. Fig. 6 shows the clasp or loop of the neb in connection with the bolt.

My improvements in the scythe-snath consist in a new mode of hanging the scythe to the snath and a new mode of constructing the irons of the neb.

My apparatus for fastening the scythe consists of a socket, *a*, driven upon the heel of the snath, made flat upon the under side, with a plate, *b*, attached thereto and forming a part of the socket, extending along the "spot" of the snath some four or five inches (more or less) and fastened firmly to the wood by means of one or more rivets or screws.

A screw-bolt (see Fig. 4) is embedded in the wood of the snath in a groove under the plate *b*. This bolt has a hook-head, *d*, that is made to project through a mortise, *e*, in said plate, in which mortise it can be made to slide endwise. The screw end of the bolt is made to pass out through the end of the snath and socket *f*, with a nut, *y*, on it, acting against the end *f* of the socket *a*, by which the hook-head *d* may be drawn down toward the heel of the snath, at which point there is a projection, *a'*, that extends beyond the surface of the plate a distance equal to the thickness of the shank of the scythe, and is formed on an angle to fit the shank at the turn, as is clearly shown in Fig. 2. From this projection a dent or tooth, *g*, stands out, which inclines a little over the plate *b*, as does also the hook on the bolt, and fits into a notch formed in the shank *c*, as appears in Fig. 4. The side of the hook

d which grasps the end of the shank *c* is triangular, and fits into a similar-shaped notch on the end of the shank, as shown in Fig. 1. When the shank *c* is put in its place, as represented in Fig. 1, the bolt is drawn down by the screw or other equivalent device, so as to grip the shank firmly between it and the dent *g*, the inclination inward at the same time serving to press it against the plate *b*, and holding the parts compactly together. There may be also several notches in either end of the scythe-shank for the purpose of adjusting the hang of the scythe with reference to the angle of the blade with the snath.

In the place of the projection *g* and the hook *d*, or either of them, there may be movable points pressed upon by either screws or wedges, so as to accomplish the same purpose.

My neb is constructed in the following manner: A clasp or loop, *h*, to pass round the snath, is made of a piece of iron or other metal of suitable dimensions, the flat surfaces of the opposite ends coming together and having a hole through each. The end of the bolt *i* is passed through the holes and bent into a hook or eye in such a manner as to attach the two ends of the clasp to the end of the bolt; or a head may be made on the bolt to serve the same purpose. At the opposite end of the bolt is a screw and nut, by means of which, when all the parts are together, the neb is made fast upon the snath.

The wooden handle of my neb is made in the usual manner. A loop constructed of a piece of wire may be made to take the place of the clasp *h*.

The usefulness of my improvement, as I conceive, consists in the firmness with which the scythe is fastened, the ease and readiness with which it may be removed and replaced and the position of the point changed to suit the convenience or pleasure of the mower, and the apparently increased durability of the article and the great saving of labor in constructing the neb, as it may be made of iron taken in the form that it comes in from the rolling-mill, without any welding or even heating.

What I claim as my invention in the im-

provements of the scythe-snath as herein set forth and fully described, and desire to secure by Letters Patent, is—

Fastening the scythe to the snath by means of two projections arising from the metallic plate *b*, (one of which being movable they are made to grasp the scythe's shank in such a manner as to confine it firmly between them

and upon the plate *b*,) and attaching it to a snath of any approved form or construction, substantially as herein specified, or any mode or means analogous thereto.

OLIVER CLARK.

Witnesses:

JOHN CLARK,
N. D. MEACHAM.