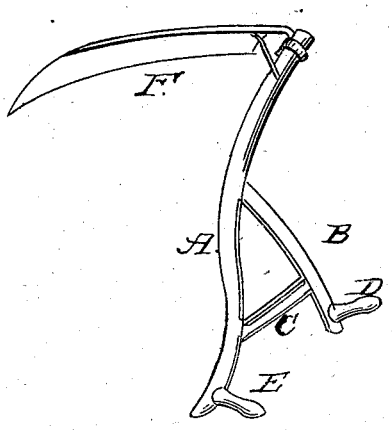
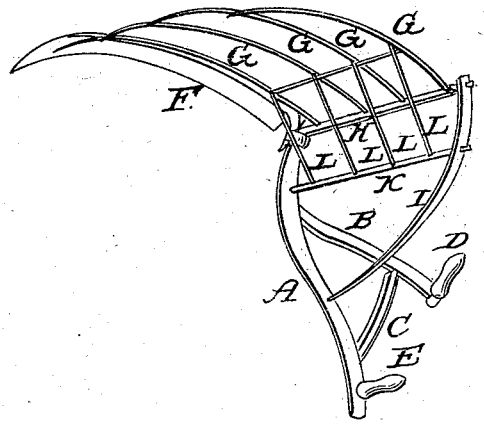
G. FARQUHAR.

Scythe Sneed.

No. 3,175. Patented July 12, 1843.



# UNITED STATES PATENT OFFICE.

GEORGE FARQUHAR, OF EASTON, PENNSYLVANIA.

## IMPROVEMENT IN SCYTHE-SNEEDS.

Specification forming part of Letters Patent No. **3,175**, dated July 12, 1843.

*To all whom it may concern:*

Be it known that I, GEORGE FARQUHAR, of the borough of Easton, in the county of Northampton and Commonwealth of Pennsylvania, blacksmith, have invented, constructed, made, and applied to use a new and useful improvement in the construction of scythe-sneeds and hanging of scythes for mowing grass, grain, or other vegetables, called "Farquhar's Improved Scythe-Sneed," (not known or used by others before my invention thereof, and not at the time of this application in public use or on sale with my consent and allowance as inventor,) specified in the words following, to wit:

The sneed (in which and in the attaching of the scythe-blade thereto the advantage of the improvement principally consists) is constructed as follows: The stick numbered A in the draft, and to which the scythe-blade is hung, is four feet in length for ordinary-sized mowers. It is slightly curved, as exhibited in the drafts, and about one inch and a half thick. The scythe (marked F on the draft) is hung on the sneed in the usual manner, (with a grass-hook to sustain it passing from the scythe-blade through the sneed in the usual manner, and secured on the hind side of the sneed with a thumb-burr,) except that the sneed is turned farther around backward than on common sneeds, in order to give a proper direction to the fixture for the lower or right-hand nib. At the distance of fifteen inches from the lower end or heel of the sneed a piece of wood some little smaller than the sneed itself is mortised into it. This piece of wood is represented on the draft by letter B, and extends at an angle of about forty-five degrees from the sneed, of the length of about twenty-two inches, and is held firm in its place by another similar piece of wood, (designated on the draft by letter C,) mortised therein about twelve inches from the angle at the sneed, and extending to the sneed and mortised therein also, the sneed A and the two pieces B and C so mortised therein forming nearly a right-angled triangle, of which the the said two pieces B and C constitute the base and perpendicular and the sneed the hypotenuse. The first-described piece B, being the perpendicular, has its length extended about seven inches beyond the base, in order to fit thereon the lower or right-hand nib. (Designated in the draft as D.) This lower nib is mortised into the extended perpendicular B of the triangle, as before stated, for the right hand. The upper or left-hand nib, E, is mortised into the sneed itself about two inches from the upper end, or both ribs may be fastened on the places so designated for them by nib-rings such as are used on common crooked sneeds. The perpendicular B of this triangle, on which the lower nib is fastened, is thrown back at an angle of about forty-five degrees from what would be a perpendicular line from the sneed A where it is mortised into it, when the upper end of the sneed A is supported at its proper height, so as to let the scythe F rest properly on the ground, and thus enable the mower to stand more erect and balance the scythe more easily when using it.

The lines of the triangle may be slightly curved to relieve the tool from the stiff appearance which straight lines would give it, as has been done in the drawing annexed.

The great improvement in this mode of hanging a scythe, and that which I claim as my invention, and for which I ask and desire to secure by Letters Patent, is—

The combination of the additional arm B and brace C with the scythe-sneed A, the whole being constructed and operating as above described.

This invention and improvement can also be used with slight modifications, as exhibited in the drawing numbered 2, hereto annexed, with great advantage to cradling-scythes and cradles for cutting grain, and for which purpose I have also made, constructed, and applied the said sneed to use.

Easton, Pa., November 21, 1842.

GEORGE FARQUHAR.

Attested by—

H. CLAY LONGNECKER,

JAMES SNODGRASS.