

(No Model.)

A. F. GERALD.

SCYTHE BLADE.

No. 263,162.

Patented Aug. 22, 1882.

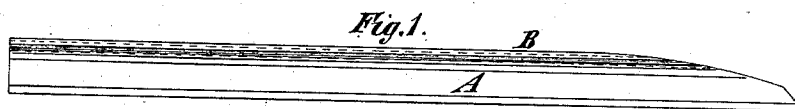
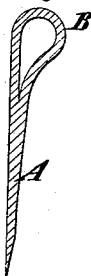


Fig. 2.



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AMOS F. GERALD, OF FAIRFIELD, MAINE.

SCYTHE-BLADE.

SPECIFICATION forming part of Letters Patent No. 263,162, dated August 22, 1882.

Application filed February 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, AMOS F. GERALD, of Fairfield, in the county of Somerset and State of Maine, have invented a certain new and useful Improvement in Blades for Scythes and Analogous Articles, of which the following is a specification.

The object of my improvement is to produce a blade for scythes and analogous articles which shall be light and cheap, and which withal shall possess the required strength and stiffness.

To this end my invention consists in a new article of manufacture—namely, a scythe-blade or other blade having an integral tubular strengthening-rib at the back, the edge of which is united to the main portion of the blade throughout its length by welding or brazing, as hereinafter fully described.

In the accompanying drawings, Figure 1 is a side view of a scythe-blade embodying my improvement, and Fig. 2 is a transverse section of the same.

Similar letters of reference designate corresponding parts in both figures.

A designates the blade proper, and B designates the tubular strengthening and stiffening rib. The blade proper and the rib are made integral and produced by bending a strip of

thin steel of suitable width transversely to form the tubular rib and metallicity uniting the edge of such bent portion to the blade proper throughout its length. In this example of my invention this metallic union is formed by welding; but it may be done by brazing. The blade may then be tempered and sharpened.

The essential advantage of my invention is that the edge of the bent portion which forms the rib is united throughout its entire length to the blade, whereby I produce a blade which is of perfectly uniform strength throughout, and prevents water from getting into the hollow rib and grass and dirt from clogging in the joint between the blade and the edge of the bent portion forming the rib.

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

As a new article of manufacture, a scythe-blade, A, or other blade having the integral tubular strengthening-rib B at the back, the edge of which is united to the main portion of the blade throughout its length by welding or brazing, substantially as described.

A. F. GERALD.

Witnesses:

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