

S. M. Corbin,

Harrow Teeth.

No. 109719.

Patented Nov. 29. 1870.

Fig. 1

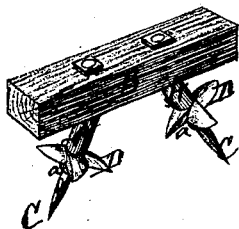
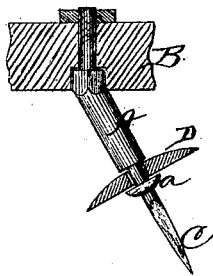


Fig. 2



Witnesses.

Harry King
C. L. Quert

Inventor.

Squire W. Corbin
per Alexander Murray

Atty.

United States Patent Office.

SQUIRE W. CORBIN, OF BAINBRIDGE, NEW YORK.

Letters Patent No. 109,719, dated November 29, 1870.

IMPROVEMENT IN HARROW-TEETH.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, SQUIRE W. CORBIN, of Bainbridge, in the county of Chenango, and in the State of New York, have invented certain new and useful Improvements in Harrow-Teeth; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of teeth for harrows, cultivators, &c.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and

Figure 2 is a side view, part in section, of my improved tooth.

My tooth consists of a socket, A, attached permanently with a lateral inclination to the beam B.

In the socket A is inserted the tooth proper C, which is encircled with a revolving spur or star-wheel, D, having three, four, or more blades.

This wheel is placed between the lower end of the socket A and a collar, *a*, on the tooth C.

The blades of the wheels D D are so arranged that their back or flat surface fronts on the lower side of the tooth, and their sharp or cutting-edges front on the upper side, securing a more perfect revolution.

By the active rotary motion of the spur-wheel D, secured by its peculiar construction, the earth is effectually cut and pulverized, improving the value of the crop.

The number of teeth is proportioned to the nature of the work to be accomplished.

Having thus fully described my invention,

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

The combination of the inclined socket A, tooth C, and spur or star-wheel D, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 7th day of March, 1870.

Witnesses:

S. W. CORBIN. [L. s.]

J. D. NEWELL,

R. W. AKERLY.