

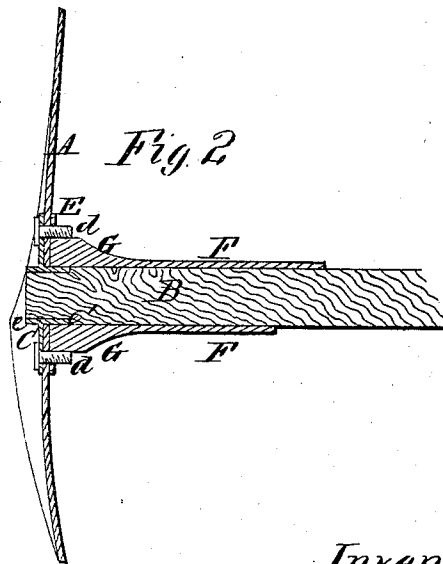
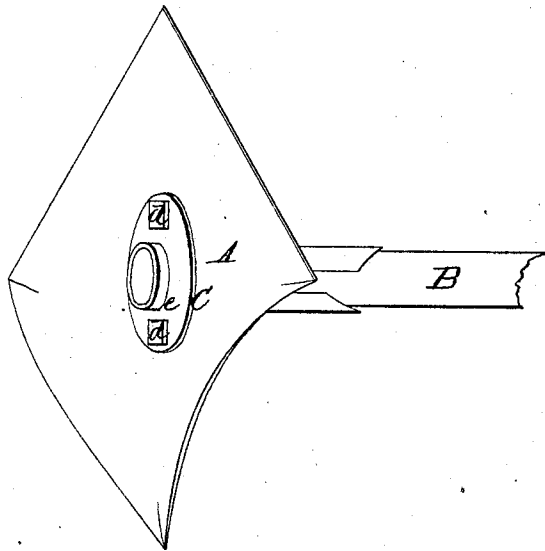
H. CAMP.

Hoes.

No. 135,076.

Patented Jan. 21, 1873.

Fig. 1



Witnesses
Phil C. Kasi.
C. J. Steele

Inventor
Harry Camp,
Chipman & Hoskins Co
attorneys

UNITED STATES PATENT OFFICE.

HARRY CAMP, OF COVINGTON, GEORGIA.

IMPROVEMENT IN HOES.

Specification forming part of Letters Patent No. 135,076, dated January 21, 1873.

To all whom it may concern:

Be it known that I, HARRY CAMP, of Covington, in the county of Newton and State of Georgia, have invented a new and valuable Improvement in Weeding-Hoe; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my weeding-hoe in perspective. Fig. 2 is a vertical section of my hoe.

This invention has relation to weeding-hoes; and it consists in the construction and novel arrangement of the blade, substantially as hereinafter described.

In the drawing, A designates the hoe-blade, consisting of a plate of metal having four edges, giving said blade a rectangular shape. Two of the adjacent edges are slightly curved forward, and the point where they meet bent back, thus giving one-half of the blade the form of an ordinary cultivator shovel or tooth, and adapting the implement to use as a hand-cultivator. The other half of the blade is flat, as shown, and may be slightly inclined toward the handle. When the blade is of this form the operator may apply such edge or angle to perform the work as the nature of the latter demands, or to make with great facility the various cuts and evolutions generally performed in the skillful use of this implement. In the center of the blade is made a hole to

receive the handle B, which has a round tenon cut on the end passing through the central aperture of a disk, C, which fits against the outer surface of the blade, and is constructed with two circular flanges, *e e'*, one on either side, and the latter passing through the central aperture of the blade. These flanges serve to prevent the end of the handle from splitting and against friction by contact with the blade. The inside handle connection consists of a circular plate, E, corresponding in size to the plate C, and screwed to it by two bolts, *d*, passing through the blade, as shown. The disk E has a hole in the center to receive the flange *e'*, and is provided with concavo-convex strips F, extending back at right angles to the plane of the blade and secured rigidly to the handle, as shown. The strips F are constructed with a rib, each marked G, the purpose of which is to brace the disk E and the handle B.

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

As a new article of manufacture, the rectangular hoe-blade A, having two adjacent edges curved and the other two plane or flat, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HARRY CAMP.

Witnesses:

WILLIAM BAILEY,
J. S. MIDDLEBROOK,
A. L. DAVIDSON, J. P.