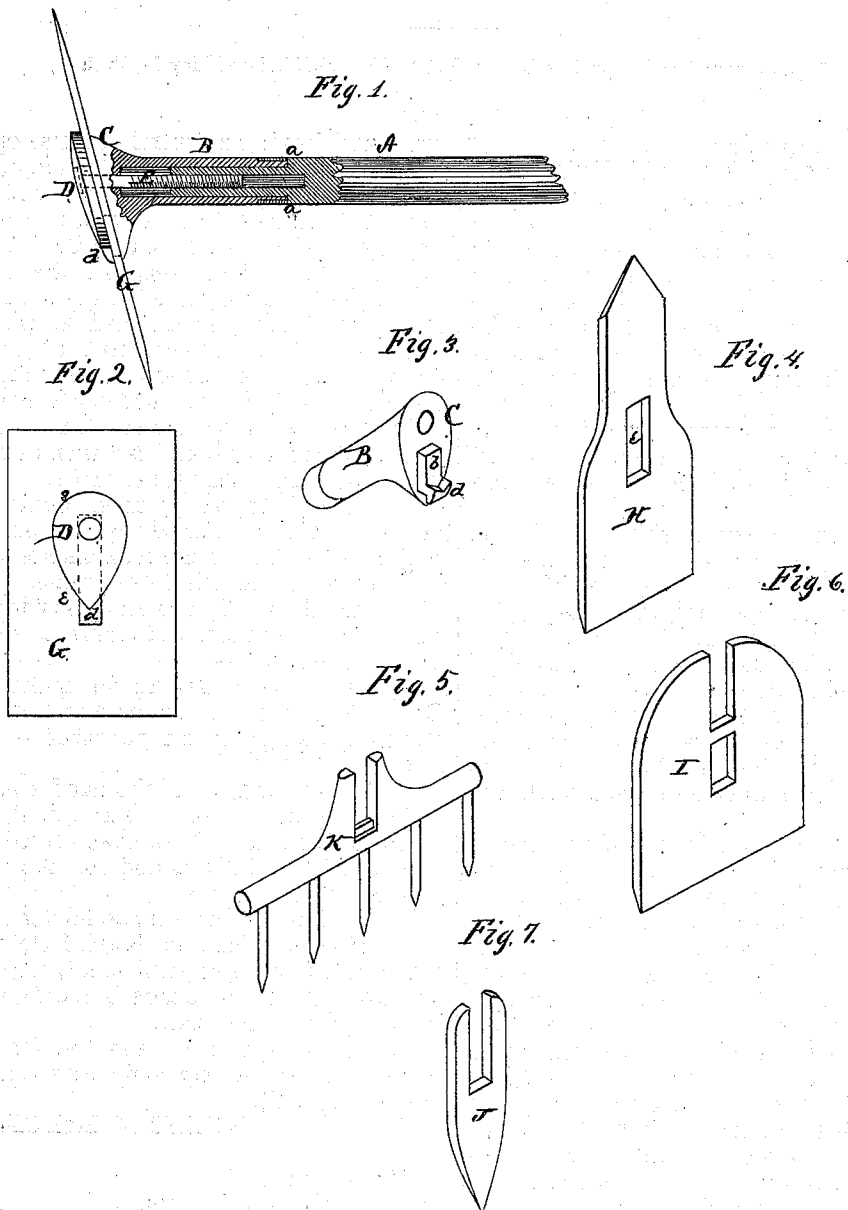


W. M. McLENDON.

Improvement in Combined Hoe and Rake.

No. 126,821.

Patented May 14, 1872.



Witnesses:

Henry N. Miller
C. L. Evers.

Inventor

Willis M. McLendon
per Alexander Macdonald
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIS M. McLENDON, OF GREENVILLE, GEORGIA.

IMPROVEMENT IN COMBINED HOES AND RAKES.

Specification forming part of Letters Patent No. 126,821, dated May 14, 1872.

To all whom it may concern:

Be it known that I, WILLIS M. McLENDON, of Greenville, in the county of Meriwether and in the State of Georgia, have invented certain new and useful Improvements in Combined Hoe and Rake; 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 a "combined garden implement," as will be hereinafter more fully set forth.

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 side view, part in longitudinal section, of the handle with a reversible hoe attached. Fig. 2 is a front view of the same. Fig. 3 is a perspective view of the socket part of the handle; and Figs. 4 to 7 are perspective views of various implements used with the same handle.

A represents the handle, the front end of which is inserted in a socket, B, up to the shoulder *a* on the handle. The socket B has a head, C, at its outer end, the face of which is flat and inclined, and at the lower end provided with a square or rectangular projection, *b*, having a lip, *d*, at its lower end. This lip projects not only below the projection *b*, but also beyond its surface, and the upper end of the lip has a V-shaped notch in it, as shown in Fig. 3. E represents a screw, having a head, D, inclined in the same proportion as the head of the socket B, and of the same general shape, its lower end being pointed and fitting into the V-shaped notch of the lip *d*. G represents a hoe-blade, sharpened at both

ends, and having a central mortise or slot, *e*, which is placed over the projection *b*, so that the lip *d* will catch on the lower end of said slot. The screw E is then passed through the upper end of said slot, and through a hole in the head C into the socket, until the lower end of the head D comes into the notch on the lip. The handle A is then inserted in the socket B, and screwed over the screw E till the shoulder *a* is close up to the end of the socket, when the whole is firmly attached together.

By unscrewing the handle A the hoe-blade G is readily removed, and can then be reversed or another implement substituted.

H, I, and J represent other forms of hoe-blades, and K a rake which may be held in the same handle. Other implements may also be arranged to be held in the same.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The socket B, having the inclined head C, provided with projection *b* and lip *d*, substantially as and for the purposes herein set forth.

2. The combination of the handle A, socket B, head C with projection *b* and lip *d*, and the screw E with head D, all constructed and arranged substantially as and for the purposes herein set forth.

3. In combination with the holder and handle claimed in foregoing clause, I claim a hoe-blade, rake, or other implement, arranged to be held between the heads C and D, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of December, 1871.

WILLIS M. McLENDON.

Witnesses:

BENJAMIN L. SIMS,
G. W. BOYD.