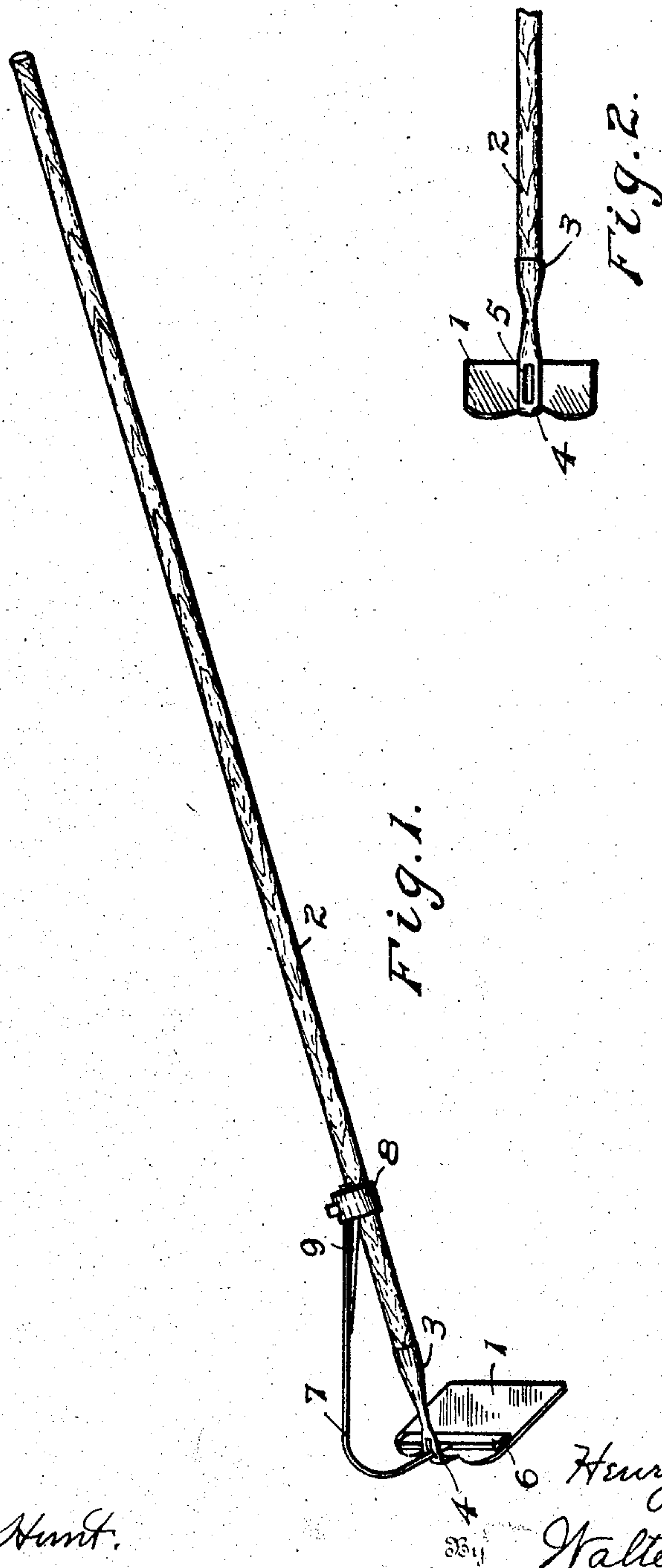


No. 781,269.

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H. M. COSEY.
GARDEN HOE.

APPLICATION FILED DEC. 3, 1904.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY M. COSEY, OF STERLING, ILLINOIS.

GARDEN-HOE.

SPECIFICATION forming part of Letters Patent No. 781,269, dated January 31, 1905.

Application filed December 3, 1904. Serial No. 235,278.

To all whom it may concern:

Be it known that I, HENRY M. COSEY, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Garden-Hoes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention has reference to garden-hoes, and pertains more specially to a construction thereof which enables the blade of the hoe to be cleaned by a device connected therewith without raising the hoe from the ground in the usual manner to clean the same with a paddle or similar device.

The chief advantages obtained consist in the amount of time saved and in having the cleaning device at all times attached to the hoe, precluding any danger of loss or misplacement thereof.

In the drawings, Figure 1 is a view of my invention in perspective. Fig. 2 is a plan view of the head thereof with the cleaning apparatus removed.

1 is the usual blade of the hoe, and 2 the handle, connected with said blade by means of a socket 3, projected downwardly into a flattened shank 4. The shank 4 is provided with a slot 5 longitudinally thereof.

6 is a metal blade or knife having a sharp lower edge and fixed to a bent support 7, which passes through the slot 5 just above the blade 6 and is secured at its other end to the handle 2 by means of a clip 8. Interposed between the handle 2 and support 7 is a flat spring 9, also secured to the handle by the clip 8. This spring assists in holding

the support 7 normally in an elevated position, as shown in Fig. 1. The support 7 is preferably formed of spring-wire of sufficient strength.

To clean the hoe, the support 7 can be forced downwardly by the foot or the hoe can be inverted and the bent portion of the support struck upon the ground. Either method serves to force the blade 6 along the blade of the hoe, cleaning the dirt therefrom, the shape of the support 7 being such that the cleaning-blade is in contact with the hoe-blade throughout its movement.

The slot 5 serves as a guide for the support 7 and prevents lateral movement of the blade 6 in its operation.

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

1. A device of the class named, comprising the usual hoe-blade, and handle therefor; a flattened shank, connecting such blade and handle, and provided with a vertical slot; a cleaning-blade; an arch-support, fixed at one end to the cleaning-blade, and passing through said slot, with its upper end secured to the handle of the hoe; and a spring, interposed between said support and such handle; substantially as set forth.

2. In a device of the class named, the combination of the spring-actuated support 7, secured at its upper end to the handle of the hoe; the blade 6, fixed to the lower end of said support; and the shank 4, provided with the slot 5, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY M. COSEY.

Witnesses:

I. L. WEAVER,
MAURICE BRION.