

No. 838,417.

PATENTED DEC. 11, 1906.

W. R. JENKINS.

WEEDER.

APPLICATION FILED SEPT. 19, 1906.

Fig. 1.

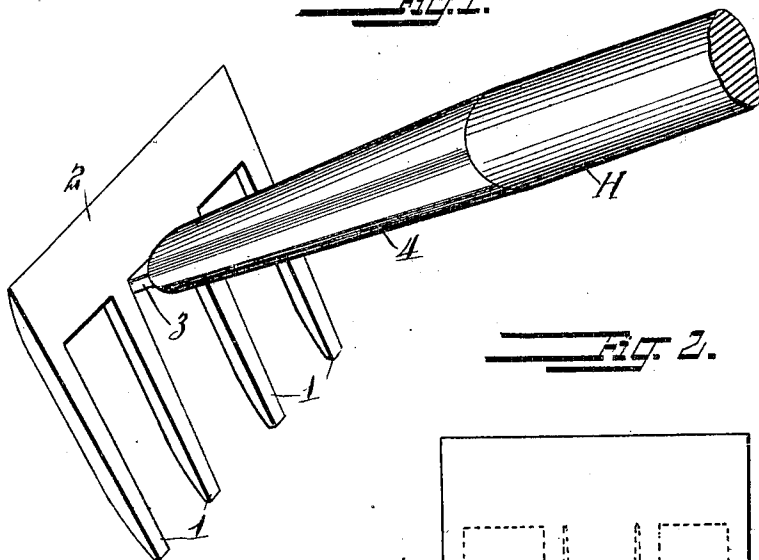


Fig. 2.

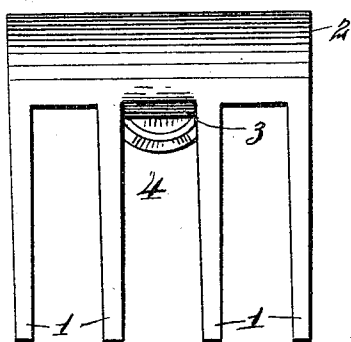
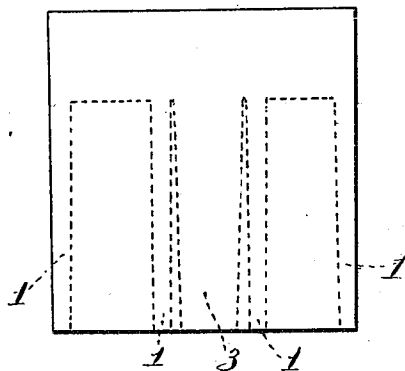


Fig. 3.

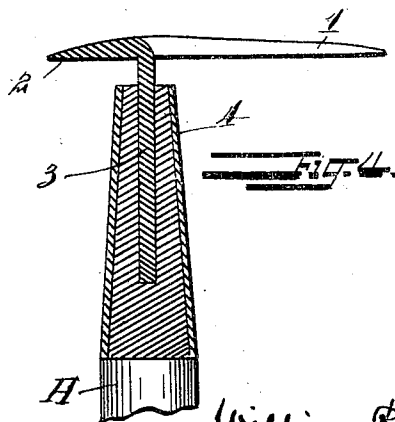


Fig. 4.

Witnesses

Edgel F. Murray.

Lloyd W. Patch

By

Inventor
William R. Jenkins

Thos. G. Orsario & Co.
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM R. JENKINS, OF BELLEFONTE, PENNSYLVANIA.

WEEDER.

No. 838,417.

Specification of Letters Patent.

Patented Dec. 11, 1906.

Application filed September 19, 1906. Serial No. 335,284.

To all whom it may concern:

Be it known that I, WILLIAM R. JENKINS, a citizen of the United States, residing at Bellefonte, in the county of Center and State of Pennsylvania, have invented certain new and useful Improvements in Weeders, of which the following is a specification.

My invention relates to an improvement in garden-tools, which may be termed a "weeder," and it preferably combines a hoe and rake in one with the shank or tang formed from the otherwise waste stock from between the two central teeth or tines, the same being bent approximately at right angles to the body of the tool and forced into the handle, where it is held in any approved manner—as, for instance, by the usual ferrule or otherwise.

The object is to provide a simple and inexpensive device which may be easily and quickly manufactured at a comparatively small initial cost and one which will be effectual in the performance of its function as a weeder.

With the foregoing object in view my invention consists in certain novel features of construction and combinations of parts, which will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of the weeder. Fig. 2 is a view of the blank. Fig. 3 is an end view. Fig. 4 is a section.

The weeder comprises the teeth 1 1 and the hoe portion 2, the same being integral and cut from a blank of steel in the desired dimensions. The ends of the teeth and body of the hoe may be tapered and sharpened, as shown in the sectional view, and the entire device is so constructed that it may be easily ground and resharpened whenever occasion requires it.

The tang or shank 3 is composed of a por-

tion of the stock left after cutting the two central teeth and forms an integral part of the tool. This tang or shank is bent aside approximately at right angles to the head or main portion of the tool, as shown in Fig. 4, and is secured in the handle H, where it is held in any approved manner—as, for instance, by the tapering ferrule 4. In this way it is perfectly clear that by one stroke of a press the blank is cut out, after which the tang or shank in the same operation is struck up at right or other angle, as desired, for insertion into the handle. This not only makes a simple but also a strong article, and, above all, a most effectual tool for gardening purposes.

Slight changes might be resorted to in the form and arrangement of the several parts without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth; but,

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

1. As an article of manufacture, a garden-tool composed of a single piece of sheet metal fashioned to form teeth and a portion of the stock between certain of the teeth preserved and bent aside to form a tang.

2. As an article of manufacture, a combined rake and hoe having a tang or shank formed from otherwise waste stock and bent aside at an angle to the remaining portion of the tool.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM R. JENKINS.

Witnesses:

W. HARRISON WALKER,
LOTTIE ROBB.