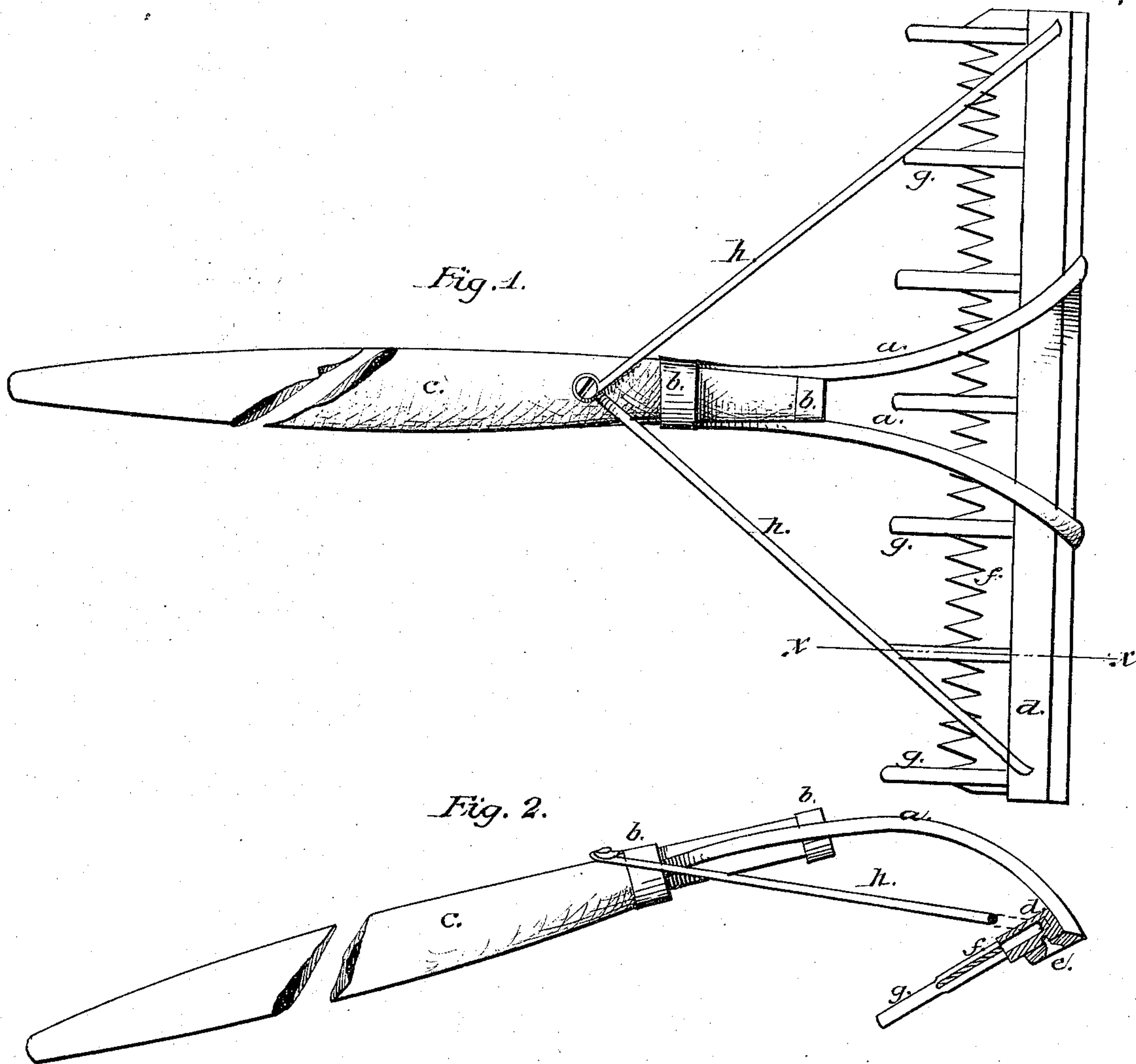


S. Skinner,
Pea Rake.

No. 87,418.

Patented Mar. 9, 1869.



Witnesses:
Wm A. Morgan
G. C. Cotton

Inventor:
S. Skinner
per. Wm. L. Atty

United States Patent Office.

SILVESTER SKINNER, OF CLAYTON, NEW YORK.

Letters Patent No. 87,718, dated March 9, 1869.

IMPROVEMENT IN PEA-RAKE.

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, SILVESTER SKINNER, of Clayton, in the county of Jefferson, and State of New York; have invented a new and improved Pea-Rake; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and useful improvement in pea-rakes, and which consists in a malleable-iron socket, or a double ferrule, welded, or otherwise joined to a curved brace or extension of the same material, which is connected to the rake-head by rivets, or in other suitable manner, thus forming a suitable bend, or curve, so that the handle will need no crook, or bend to put the head and blade in a proper angle for cutting, and, furthermore, will not lose its bend, or curve, as the ordinary bent wooden handle invariably does after using but a short time, the construction and operation of which will be understood from the following description, reference being had to the accompanying drawings, in which—

Figure 1 represents a plan of my improved pea-rake.

Figure 2 is a sectional side view of the same, taken in the plane *xx*.

Similar letters of reference indicate corresponding parts.

The letters *A*, in the accompanying drawing, represent two malleable-iron curved braces, which are connected to the ferrules *b b*, into which a straight rake-handle, *c*, is set, and the rake-head *d* is secured to the other end of the brace *a* by screws *e*, or otherwise.

The toothed cutter *f* is set in the wooden head *d*, and is held secure there by the rake-teeth *g*, which are split on their upper ends, so as to straddle the toothed cutter *f*, and pass up through the head *d*.

h h are extra stays, which may be used to stiffen and steady the rake, if found necessary.

Having thus described my invention,

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

1. The ferrules *b b*, for the handle *C*, connected together, and to the rake-head, by means of the curved braces *a a*, as herein shown and described, for the purpose specified.

2. The toothed cutter *f*, held to the rake-head by the split teeth *g*, as herein described, for the purpose specified.

The above specification of my invention signed by me, this day of , 1868.

SILVESTER SKINNER.

Witnesses:

WM. W. ANGEL,
G. M. SKINNER.