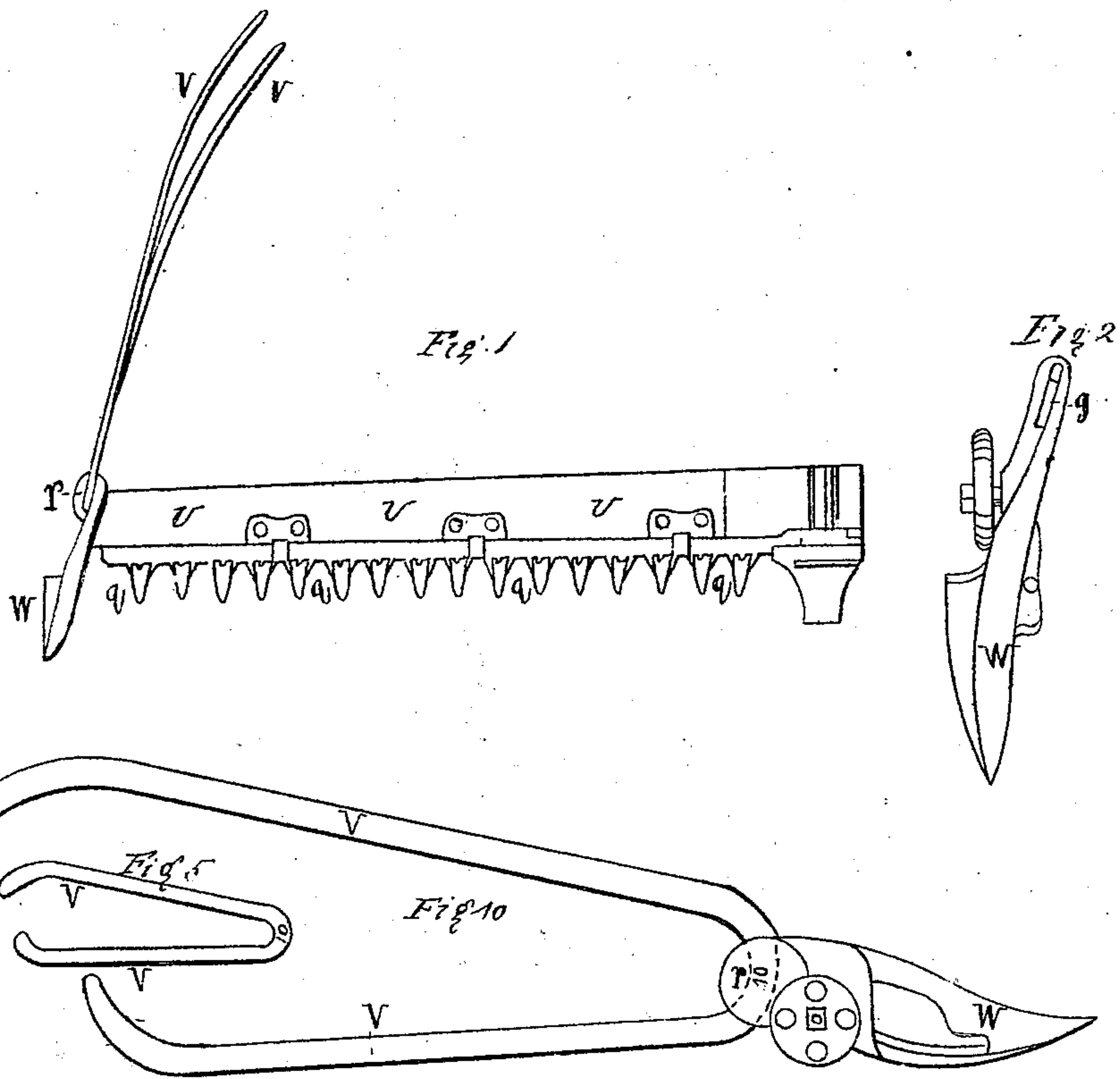


G. W. N. Yost,
Harvester Cutter.

No. 84,786.

Patented Dec. 8. 1868.



Witnesses.

James Densmore.
William Hamilton

Inventor.

G. W. N. Yost,
by Atty Sol. Clayton

UNITED STATES PATENT OFFICE.

GEORGE W. N. YOST, OF CORRY, PENNSYLVANIA, ASSIGNOR TO THE CORRY MACHINE COMPANY.

IMPROVEMENT IN TRACK-CLEARERS FOR HARVESTERS.

Specification forming part of Letters Patent No. 84,786, dated December 8, 1868.

To whom it may concern:

I, GEORGE W. N. YOST, of Corry, Erie county, Pennsylvania, have invented a new and useful Climax Track-Clearer for Grass and Grain Cutting Machines.

The following description, illustrated by the accompanying drawings, will enable others to make the invention, description and drawings having corresponding specifying characters.

Vertically through a shoe, W, of a finger-bar, U, near the heel *r*, forward of the hind end of the shoe one and a half inch, more or less, make a mortise, 9, one-fourth of an inch wide and one and a half inch long, all more or less, and make the hind edge of the mortise circular, so as to make the solid part of the shoe directly behind and next the mortise a half-round—a segment of a circle. I make the shoe of cast-iron, and make the mortise in it at the time it is cast.

Make a track clearer or separator, V, of a single narrow bar of metal or other material susceptible of bending, and remaining fixed in the bent position by bending the bar in the middle edgewise into a V shape or other similar form, and making the inner line of the bend 10 an arc of a circle three inches in diameter, more or less, and leaving the ends of the bar six to eight inches apart, more or less.

Put the track-clearer V into and through the mortise 9 in the shoe W, so that the arc 10

shall be within the mortise and shall lap round and encircle the segment of the heel *r* of the shoe behind and next the mortise, and so that the segment *r* and the mortise 9 and the arc 10, all together, shall constitute the pivot and attachment of the track-clearer to the shoe.

Bend the ends 11 of the track-clearer V sideways, as desired, so as to throw the cut grass or grain in and clear from the uncut grass or grain, and the invention is finished.

Thus made the track-clearer is exceedingly simple and cheap, and is a most useful device.

The nature of the invention is the combination of a track-clearer, V, and a finger-bar shoe, W, when the arc or bend of the track-clearer is within a vertical mortise through the shoe and laps around or incloses a segment of the shoe next the mortise, so as to avoid all separate pivoting and attaching the clearer to the shoe by rivet, or bolt, or pin, or other fixture. Therefore,

I claim—

The combination of the track-clearer V and the finger-bar shoe W, a curved or bent part of the track-clearer lying within a vertical mortise in and encircling a part of the shoe, made and used as described, for grass and grain cutting machines.

G. W. N. YOST.

Witnesses:

J. W. ARCHBOLD,
FRANK H. W. GREGG.