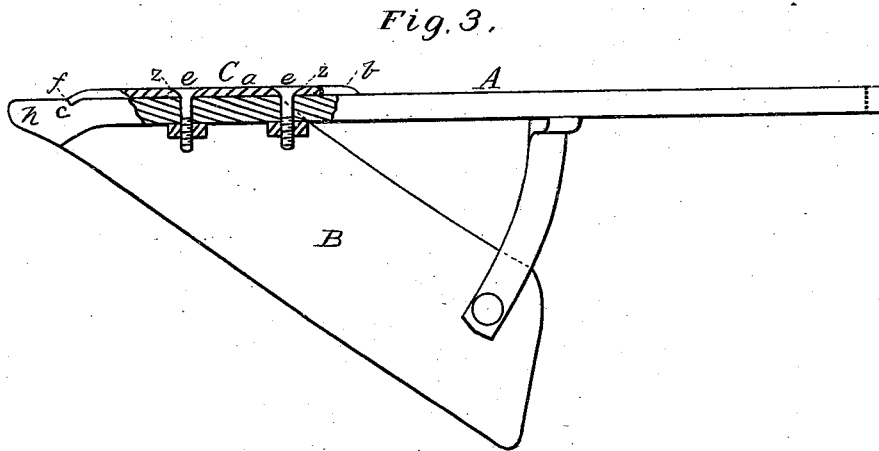
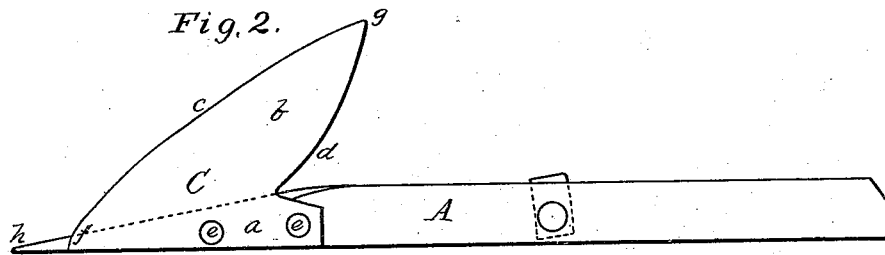
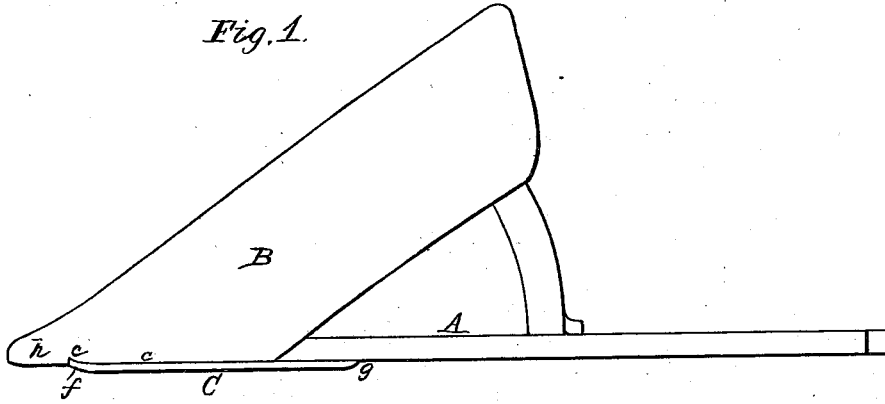


J. GENZLY.
SOD-CUTTER.

No. 188,352.

Patented March 13, 1877.



WITNESSES
Villette Anderson,
Walter C. Clark

INVENTOR
Jacob Genzly,
by *E. W. Anderson,*
ATTORNEY

UNITED STATES PATENT OFFICE.

JACOB GENZLY, OF VICTOR, IOWA.

IMPROVEMENT IN SOD-CUTTERS.

Specification forming part of Letters Patent No. **188,352**, dated March 13, 1877; application filed August 19, 1876.

To all whom it may concern :

Be it known that I, JACOB GENZLY, of Victor, in the county of Iowa and State of Iowa, have invented a new and valuable Improvement in Sod-Cutters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top view of this invention. Fig. 2 is a land-side view of the same. Fig. 3 is a bottom view, with partial section under the forward end of the share.

This invention has relation to means for cutting the sod in plowing; and it consists in the construction and novel arrangement, in connection with the notched land-side of a plow, of the standing colter or shear, having its point bent upward and let into the side of the notched land-side, and being secured to the latter by bolts or rivets, as hereinafter shown and described.

In the accompanying drawings, the letter A designates the land-side of a plow, and B the share. C represents the standing colter or sod-shear, having a body-plate, *a*, perforated at *z*, for attachment to the land-side (which is also perforated) under the end of the share by bolts or rivets *e*. Extending upward and backward from the body-plate is the colter or shear-blade *b*, having the slightly-curved cutting-edge *c* and the back edge *d*, running parallel, or nearly so, to the front, but quickly

curving toward its end to form a strong point, *g*. In order to properly protect the point *f* at the foot of the shear, a notch seat, *e*, is filed or otherwise formed in the narrow edge of the land-side, near the extremity of the point *h* of the plow, into which the point *f* of the shear is placed, being bent or turned inward for this purpose, as shown.

This sod-cutter is designed to be made of steel, and is adapted to be readily fitted to the majority of the plows now in use.

I am well aware that rearwardly and upwardly extending cutters have been connected with the land-side of a plow-casting by seating a downwardly-extending tang of the cutter into the side of the casting by bolting the cutter-base to the side of the casting, and by inserting the front of the cutter from the rear into a longitudinal slit in the casting; and I do not claim any of these devices.

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

The combination, with the land-side A, having the notch-seat *e* formed in its exterior face, of the sod-shear C, having its base bolted to the land-side, and its point bent inward and seated in the said notch-seat, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JACOB GENZLY.

Witnesses:

EDWARD P. HALL,
WM. WALTER.