

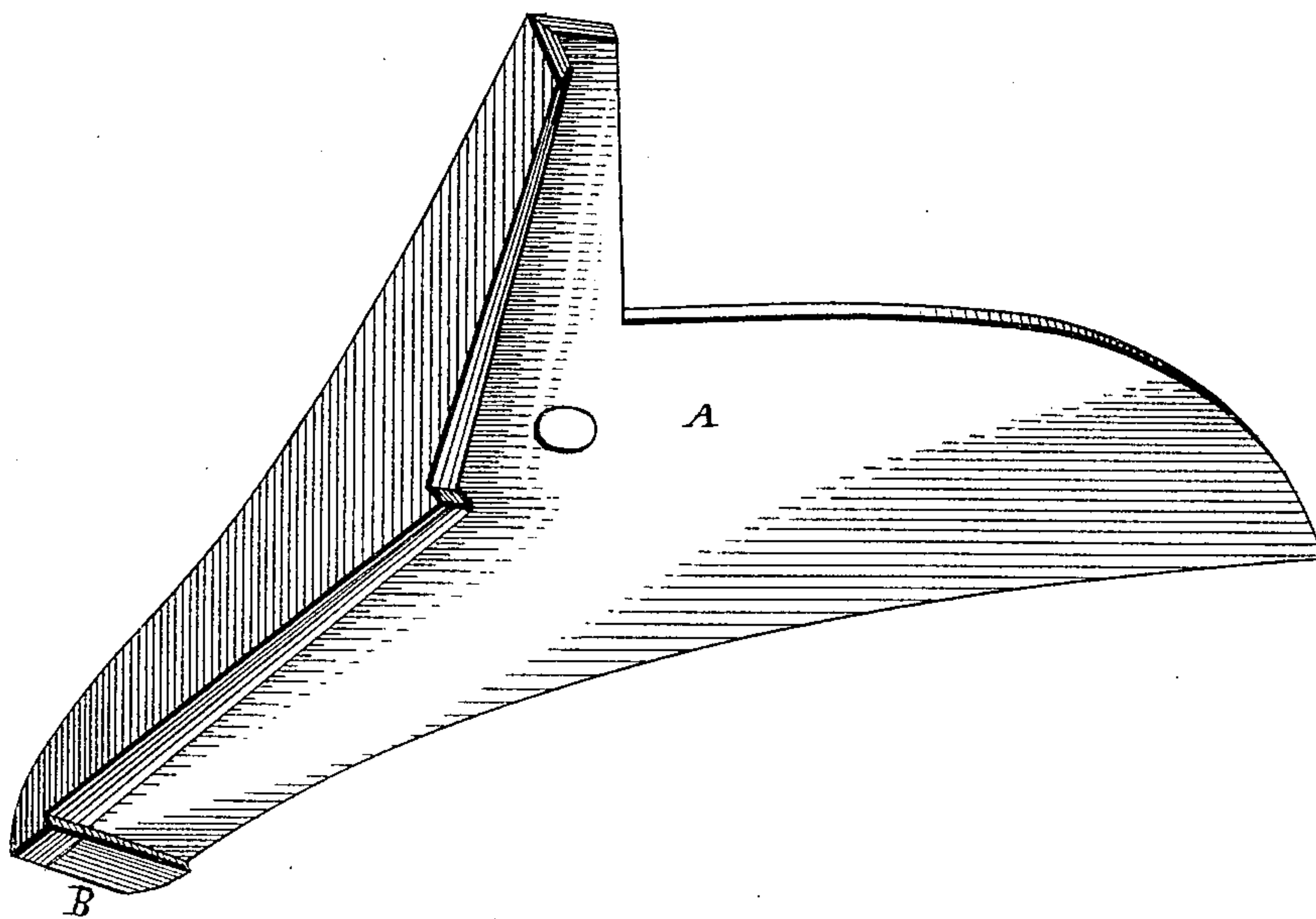
(No Model.)

W. E. SMITH.

PLOWSHARE.

No. 389,257.

Patented Sept. 11, 1888.



Witnesses.

W. T. Mitchell
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Inventor.

Welding E. Smith.

UNITED STATES PATENT OFFICE.

WELDING E. SMITH, OF MONROEVILLE, OHIO.

PLOWSHARE.

SPECIFICATION forming part of Letters Patent No. 389,257, dated September 11, 1888.

Application filed July 8, 1887. Serial No. 243,903. (No model.)

To all whom it may concern:

Be it known that I, WELDING E. SMITH, a citizen of the United States, residing at Monroeville, in the county of Huron and State of Ohio, have invented a new and useful Improvement in Plowshares, of which the following is a specification.

My invention relates to an improvement in plowshares, consisting of an offset or projection extending below the base of the plowshare to provide against the wear and rounding up of the point of plowshares. The principle of this offset or projection extending downward from the base of the plow is that it provides a bearing directly at the point, which causes the said point as it bears in the ground to wear thinner and sharper and hold to the ground, whereas a plow-point made in the ordinary way with a gradual downward pitch in use wears off more on the under side than elsewhere and forms a rounded bearing, which extends backward from the point of the plowshare and prevents the plow from clinging to the ground. It is therefore evident that less service or use is gotten from the ordinary plowshare than from one with my improvement. My improvement can be applied to any pattern of plowshare, and I therefore do not claim any particular form of plowshare, excepting the point thereof.

My invention may further be illustrated by reference to the drawing, in which letter A represents a plowshare of the ordinary pattern, usually made of cast-iron. The said drawing represents the underside of the plowshare. Letter B shows the point of said plowshare with an offset or projection extending substantially at right angles from its base. I should preferably make this offset or projection to extend one-eighth of an inch below the base of the plowshare and to extend half an inch from the extreme point thereof; but the projection may be placed at any other point on the base near the front end, so that it extends to the front end and is adapted to protect the nose of the plow from becoming worn and rounded at the base of the point.

My claim for which I desire to secure Letters Patent in the United States is specifically set forth as follows:

A plowshare having an offset or projection on its base near the front end thereof, said offset being at substantially a right angle at its rear and extending to the extreme point of the share, substantially as shown and described.

WELDING E. SMITH.

Witnesses:

GEORGE LABAR,
LYMAN ADAMS.