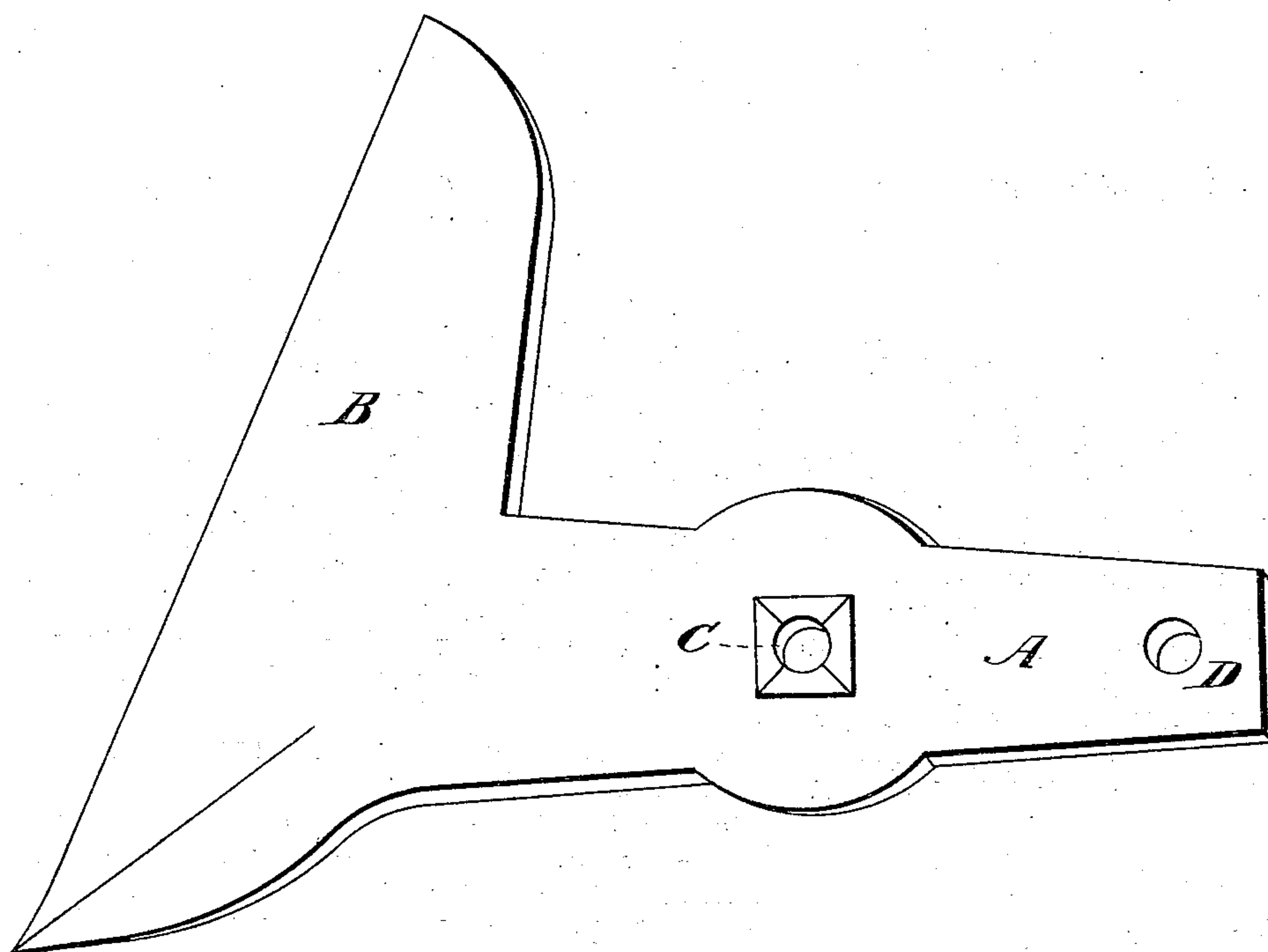


**D. JONES.**  
**Plow-Coulter.**

No. 153,489.

Patented July 28, 1874.



*Witnesses.*

*A. U. B. Orr.*

*W. H. Loughhead.*

*Inventor.*

*David Jones.*

# UNITED STATES PATENT OFFICE.

DAVID JONES, OF STEELEVILLE, PENNSYLVANIA.

## IMPROVEMENT IN PLOW-COLTERS.

Specification forming part of Letters Patent No. **153,489**, dated July 28, 1874; application filed March 6, 1874.

*To all whom it may concern :*

Be it known that I, DAVID JONES, of Steeleville, in the county of Chester and State of Pennsylvania, have invented certain Improvements in Colters for Different Varieties of Plows, of which the following is a specification:

My invention consists in attaching to the land-side of an ordinary plow, by means of an arm near the bottom, an upright cutter or colter, beveled on its outer side and its point curved outward; its object being to divide the furrows from the land from its bottom to the surface of the soil, and also to enable me to replace the colter at a reduced cost when worn out.

The drawing is a perspective view of my invention.

A represents the arm, which, by means of a bolt passing through the hole C, is attached to the land-side of the plow. This hole C is countersunk on the outside, so that the head of the bolt shall be even with the outside surface of the arm. Another hole, D, is inserted in the end of the arm to keep it from tilting.

Attached to this arm is the upright colter B. This colter is beveled on one side, and in changing from a right to a left hand plow the bevel, as well as the countersink of the holes, has to be reversed. The arm A may either be let into the land-side of a plow or simply bolted against it. I prefer the latter plan, as in the "Wiley Plow." The colter is only necessary while plowing sod.

Having thus described my invention, what I claim, and wish to secure by Letters Patent, is—

As a new article of manufacture, a colter secured to the land-side of a plow by a horizontal arm extending backward in a line with the lower half of the blade, and having its cutting edge beveled only on the outside and its lower point curved landward, as shown and described.

DAVID JONES.

Witnesses :

A. V. B. ORR,  
W. H. LOUGHEAD.