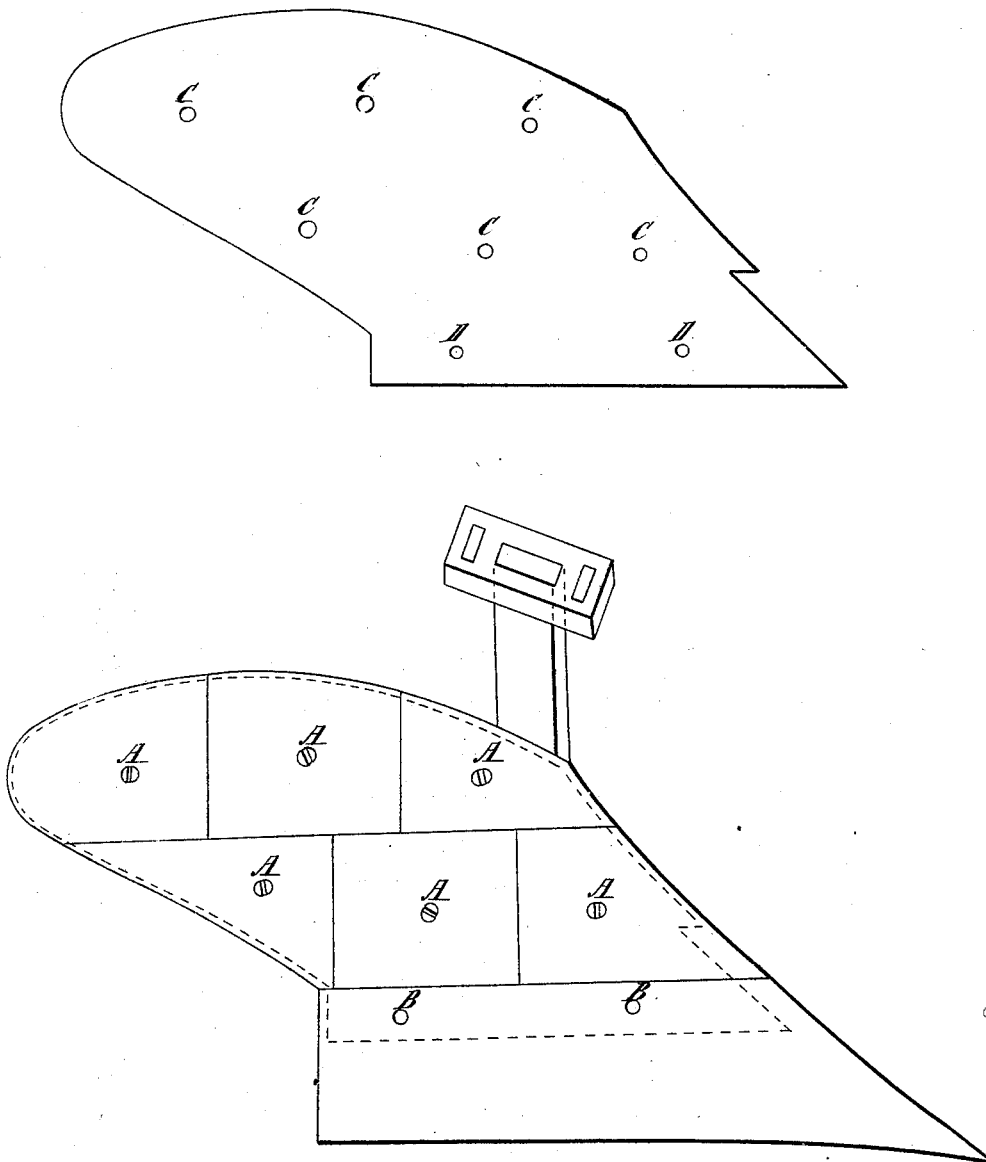


*L. W. Richardson*

*Plow*

*N<sup>o</sup> 109,250.*

*Patented Nov 15, 1870.*



*Witnesses:*

*Esse Blackinton*

*C. C. Vance*

*Inventor*

*Lionel W. Richardson*

# UNITED STATES PATENT OFFICE.

LIONEL W. RICHARDSON, OF ROSCOE, ILLINOIS.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **109,250**, dated November 15, 1870.

*To all whom it may concern:*

Be it known that I, LIONEL W. RICHARDSON, of the town of Roscoe, in the county of Winnebago and State of Illinois, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention consists of a double mold-board, one of iron and one of steel. The latter, being in sections, is secured to the former by means of bolts, as shown in the accompanying drawings making a part of this specification.

The object of this invention is twofold; first, that I may give the steel a higher degree of temper than it would otherwise bear; secondly, any worn-out section may be replaced without renewing the whole.

Figure 1 is a perspective view, showing the steel mold-board in sections, secured to the iron back by means of bolts marked A A A A A, and the back is also secured to the lay by bolts marked B B. Fig. 2 is a perspective view of the iron back, the holes in which marked c c c c c and d d are filled by bolts marked A and B in Fig. 1.

I claim—

The securing a steel mold-board in sections of various sizes and shapes to an iron back, by means of bolts, or otherwise, in the manner and for the purpose set forth.

LIONEL W. RICHARDSON.

Witnesses:

C. C. VANCE,  
BENJ. RICHARDSON.