(No Model.)

L. C. JACKSON & J. F. REIGER.

PLOW.

No. 475,731. Patented May 24, 1892.

Fig. 1.

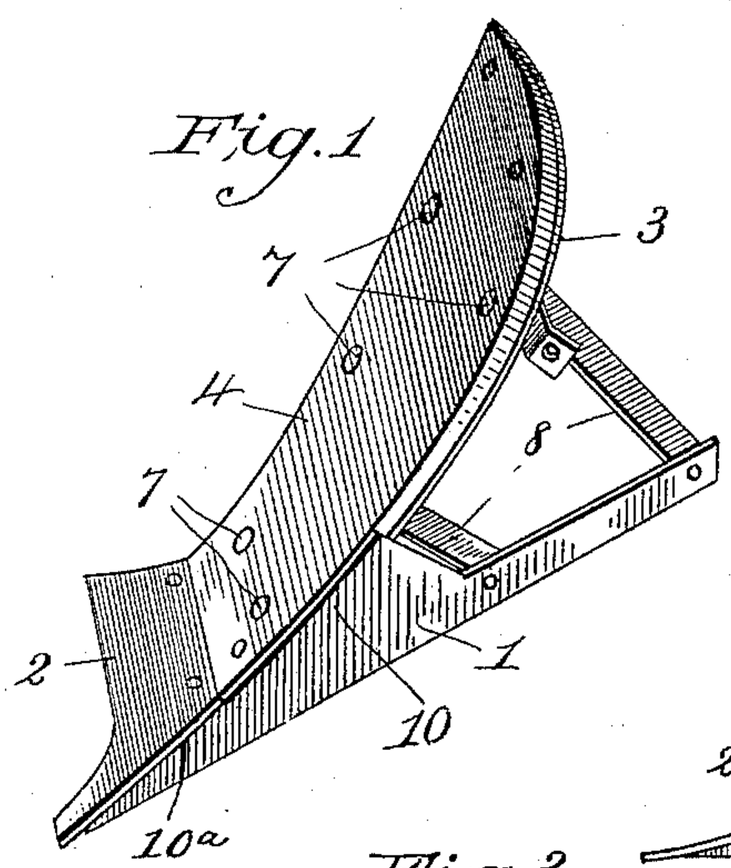


Fig. 2.

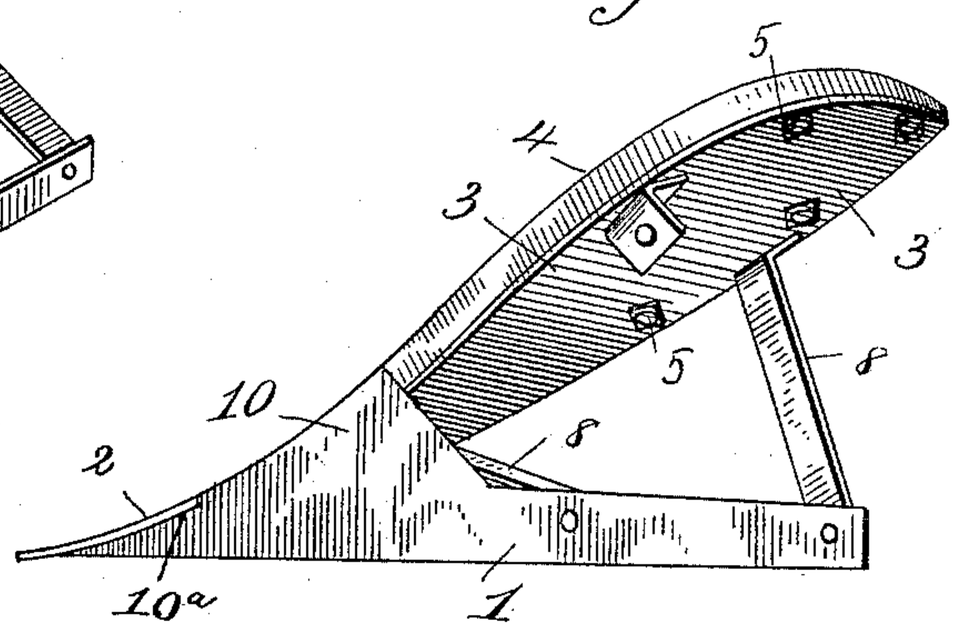


Fig. 3.

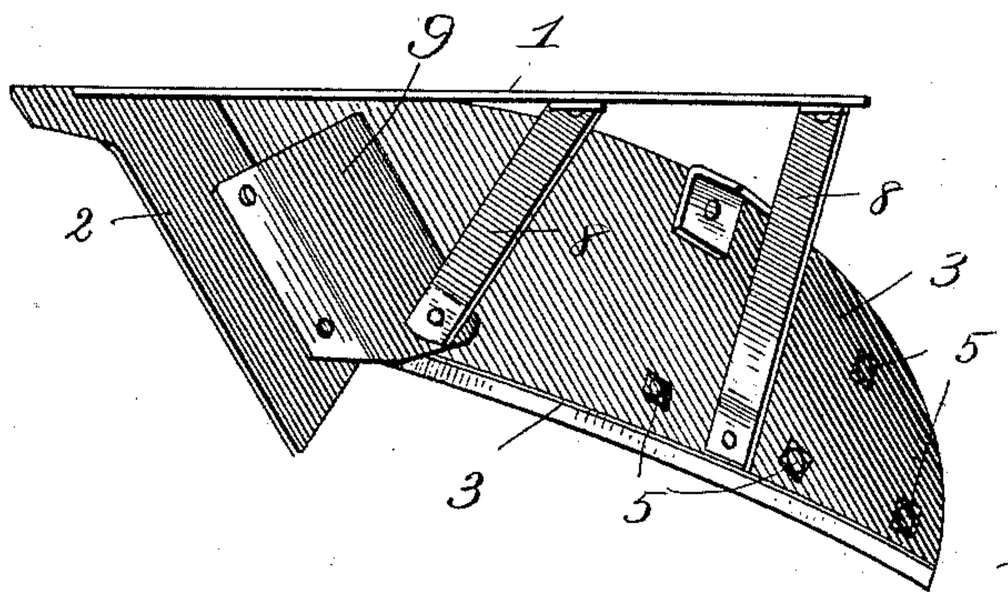


Fig. 5.

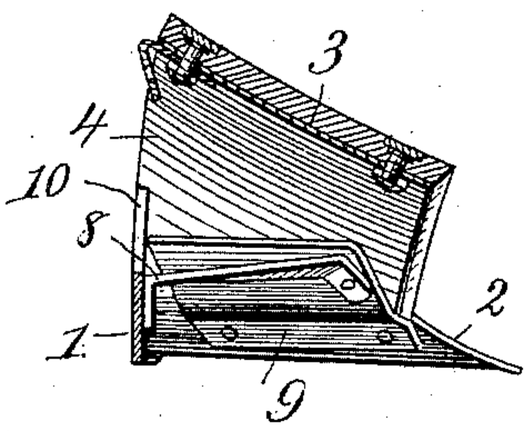
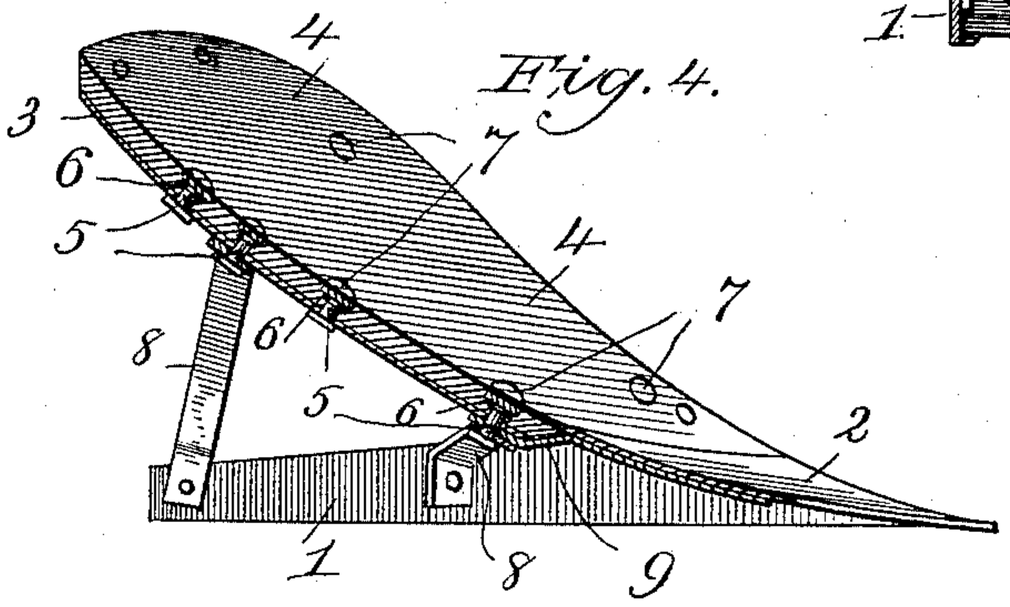


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

LUTHER C. JACKSON, OF WOLFE CITY, AND JOHN F. REIGER, OF DALLAS, TEXAS; SAID REIGER ASSIGNOR TO GEO. E. WILLCOX, AND SAID JACKSON AND WILLCOX ASSIGNORS OF FIVE-TWELFTHS TO L. R. WADE, A. M. KELLAR, J. E. MOORE, A. F. BENTLEY, AND J. B. NUNNELEY.

PLOW.

SPECIFICATION forming part of Letters Patent No. 475,731, dated May 24, 1892.

Application filed June 30, 1891. Serial No. 398,073. (No model.)

To all whom it may concern:

Be it known that we, LUTHER C. JACKSON, of Wolfe City, Hunt county, Texas, and JOHN F. REIGER, a citizen of the United States, the latter residing at Dallas, in the county of Dallas and State of Texas, have invented a new and useful Plow, of which the following is a specification.

This invention relates to mold-boards for plows; and it has for its object to provide a combined wooden and metallic mold-board which shall possess superior advantages in point of simplicity, durability, and general efficiency.

With these ends in view the invention consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, Figure 1 is a perspective view of a mold-board constructed in accordance with our invention. Fig. 2 is a side elevation taken from the landside. Fig. 3 is a bottom plan. Fig. 4 is a vertical sectional view taken longitudinally through the mold-board. Fig. 5 is a vertical transverse sectional view.

Like numerals of reference indicate like parts in all the figures.

1 designates the landside, and 2 the share or point, both of which are constructed in the usual manner, of metal, such as cast-steel.

3 designates a metallic base or foundation for the mold-mold 4, which latter is constructed of bent wood, and which is secured to the said metallic base by means of bolts 5, which are sunk in recesses 6 in the wooden mold-board of sufficient depth to receive the wooden plug 7, which are finished off smoothly, thus forming an entire wooden surface. The metallic base 3, which may be made or steel or other suitable material is connected with the landside by means of braces 8. A metallic flange seat 9 is secured to the inner edge of the share 2, and projects below and in rear of the said rear edge to form a seat which receives the forward and lower end of the metallic base and wooden mold-board thereon. The said flange seat thus supports the mold-board, and is so disposed as to allow the same to be accurately flush with the rear edge of the share. The landside is provided with an upwardly-extending flange 10 to protect the edge of the wooden mold-board at the point where the latter is most exposed to wear, and also is provided with the shoulder-seat 10^a, in which rests the landside edge of the share 2, and thus provides for a firm and durable, yet detachable, connection between the various parts of the plow.

It has been found that a wooden mold-board will slip or shed the black and waxy soil which is common in many parts of the country, and especially in the South, better than a metallic mold-board; but the objections to wooden mold-boards generally on account of clumsiness and lack of strength have prevented their general adoption. Our invention overcomes these disadvantages and provides a mold-board with a wooden facing which is simple, durable, and efficient. By constructing the wooden facing of bent wood material may be ecomomized and better finish may be secured than by shaping the mold-board from a block of wood.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

In a plow, the combination of the share having at its upper edge a flange projecting below and in rear of said upper edge, a metallic supporting-base having a wooden mold-board thereon and resting at its front end upon said flange-seat flush with the upper edge of the share, and the landside provided with an upwardly-extending flange 10, facing the exposed edge of the mold-board, and a shouldered seat in front of said flange to receive the landside edge of the share, substantially as set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

LUTHER C. JACKSON.
JOHN F. REIGER.

Witnesses to signature of L. C. Jackson:
W. G. DUNCAN,
J. A. LONG.

Witnesses to signature of John F. Reiger:
J. W. GEORGE,
A. S. LATHROP.