J. D. BOWEN.

PLOW.

No. 191,022. Patented May 22, 1877.

Fig. 1.

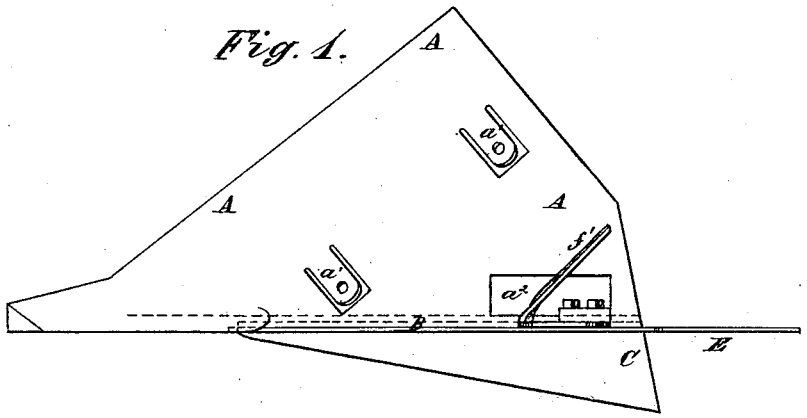


Fig. 2.

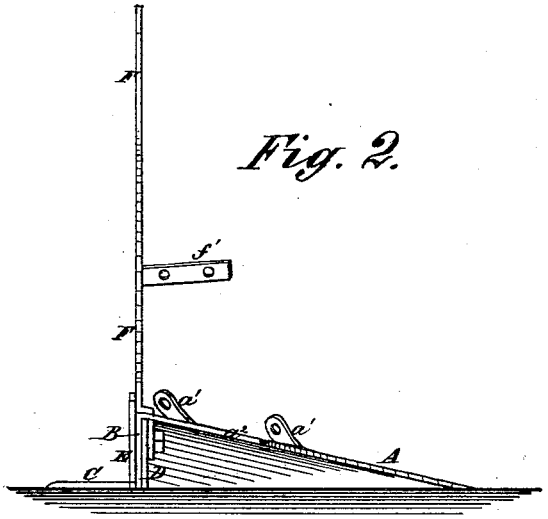
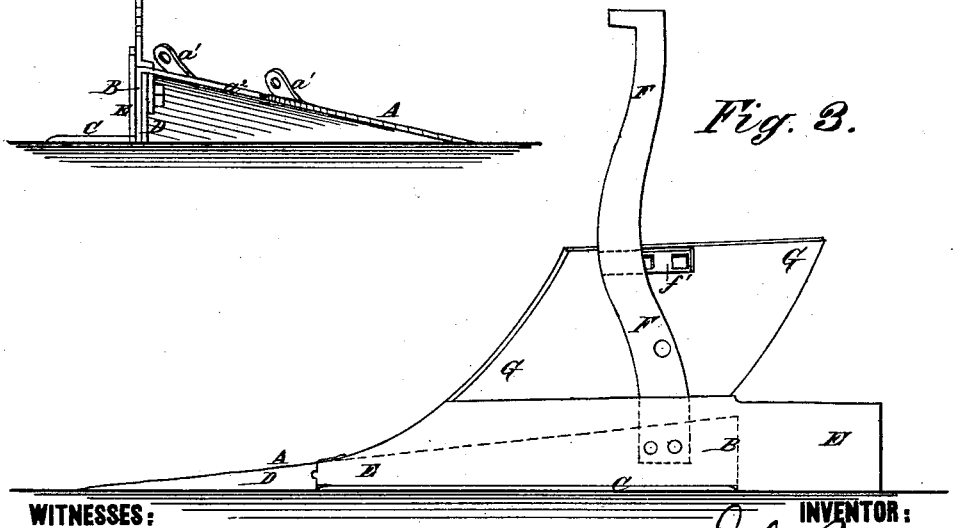


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN D. BOWEN, OF ROSEBURG, OREGON.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **191,022**, dated May 22, 1877; application filed September 16, 1876.

To all whom it may concern:

Be it known that I, JOHN D. BOWEN, of Roseburg, in the county of Douglas and State of Oregon, have invented a new and useful Improvement in Plows, of which the following is a specification:

Figure 1 is a top view of my improved plow, the mold-board being detached. Fig. 2 is a rear view of the same. Fig. 3 is a side view of the same, seen from the land-side of the plow.

The object of this invention is to furnish an improved plow, simple in construction, light, strong, and durable, and at the same time effective in operation, and easily guided and controlled.

The invention consists in a share land-side and land-side share made in one piece, cut out of sheet steel struck up into proper shape, or cast of cast-steel, and provided with lugs and a slot for the attachment of other parts of the plow, as hereinafter fully described.

A represents the share; B, the land-side, and C, the land-side share, which parts are made in one piece, cut out of sheet steel and struck up into proper form. D is a bar bolted to the inner side of the land-side B, and extended forward to form the point. E is a bar bolted to the outer side of the land-side B, and the forward end of which fits into an offset in the forward part of the inner bar D.

Either or both of the bars D E may be used as may be desired. One of the bars D E is extended to the rearward, to give greater steadiness to the plow, and make it easier controlled. F is the standard, which passes down through a slot, a^2, in the plate A B C, is made with an offset, as shown in Fig. 2, and is bolted to the land-side B and the plates D E. G is the mold-board, the lower edge of which fits upon the share A, and is bolted to lugs a^1, cut out of the said share A, as shown in Figs. 1 and 2. The upper part of the mold-board G is bolted to an arm, f', formed upon the standard F.

In this way a light, strong, durable, effective, and inexpensive plow is produced.

I am aware that it is not new to have a share upon the land-side, but by shaping a sheet of steel, so as to form a land-side and two shares, the whole may be made of less material, much lighter, and at a great diminution of cost, the shares being self-sharpeners.

What I claim is—

A sheet of steel, shaped to form land-side B and shares A C, the whole adapted to be connected with parts D E F G, substantially as shown and described.

JOHN D. BOWEN.

Witnesses:

E. G. HURSH,

W. H. BYARS.