

C. W. SNEAD.

Shovel Plow.

No. 107,973.

Patented Oct. 4, 1870.

Fig. 1

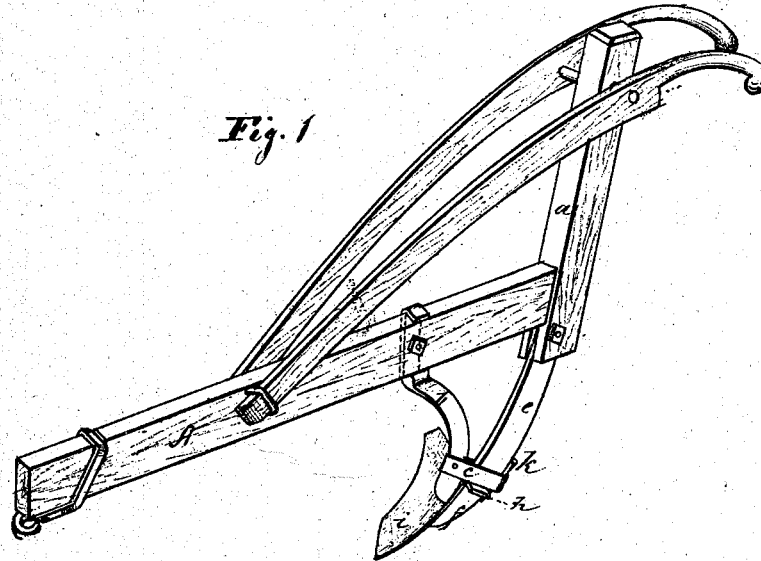
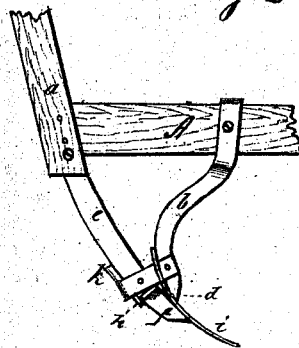


Fig. 2



Witnesses

H. J. Meitz
Thos. W. D. Grand

Chas. W. Snead, Inventor.

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UNITED STATES PATENT OFFICE.

CHARLES W. SNEAD, OF MILLEDGEVILLE, GEORGIA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **107,973**, dated October 4, 1870.

To all whom it may concern:

Be it known that I, CHARLES W. SNEAD, of Milledgeville, in the county of Baldwin and State of Georgia, have invented a new and useful Improvement in Plows; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a view in perspective, and Fig. 2 is a side elevation.

This invention has for its object improvement in that class of plows in which the share is secured between the brace or standard and the stock by means of a shackle and wedge. This construction adapts the same plow to be used with various sizes or forms of shares, according to the varying conditions of soil or the particular treatment most desirable to give it, with no other expense than that involved in providing the shares themselves. The change from one share to another can also be effected in a moment and without the aid of a wrench or other analogous device.

My invention consists in the arrangement of a stock having horizontal arms, with a link or shackle and a wedge, whereby the share is braced and held firmly in place, as hereinafter described.

In the drawings, A is the plow-beam; *a*, the

bifurcated standard; *b*, the curved brace; *c*, the loop, and *d* the tooth extending back from the same; *e*, the pivoted stock; *f*, the foot-piece of the same; *h*, the horizontal arms of the foot-piece; *i*, the share, and *k* the wedge.

I am aware that the clamping of the share by means of a loop and wedge in rear of the stock is no new thing; but heretofore the shares have not been braced and held in place in such a manner as to prevent displacement, slight oscillation, or even twisting or breaking of them and the fastening devices. By my improvement the share is provided with a bed nearly or quite its own width without materially increasing the weight or impairing the efficiency of the plow. By this provision, also, the shackle may be used without being riveted to the brace or stock, and is in no danger of becoming lost or displaced.

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

The arrangement of the standard *e*, horizontal arms *h*, link or shackle *c*, and wedge *k*, as shown and described, and for the purpose set forth.

CHARLES W. SNEAD.

Witnesses:

T. W. WHITE,
LYMAN H. COMPTON.