

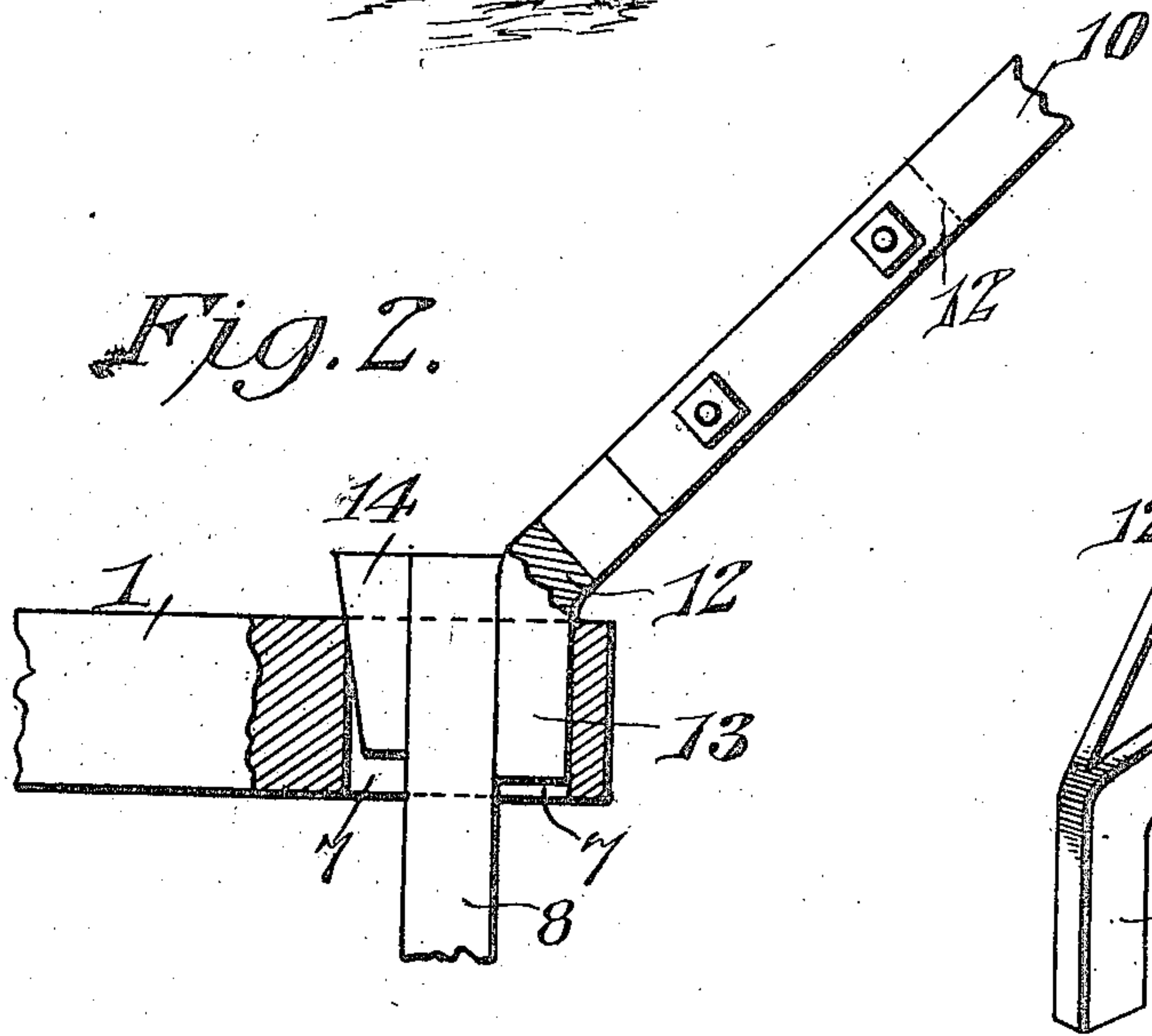
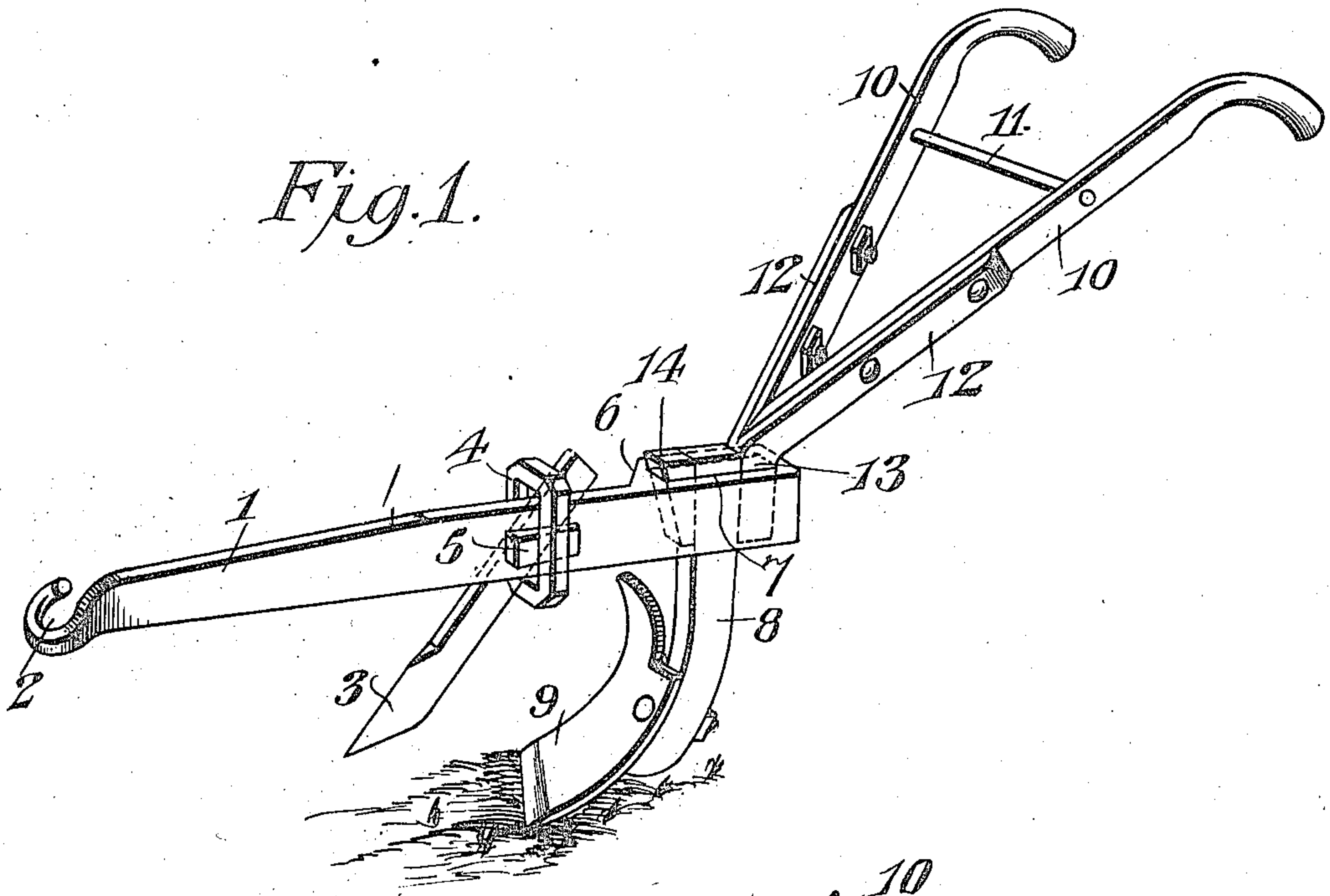
S. J. MINYARD.

PLOW.

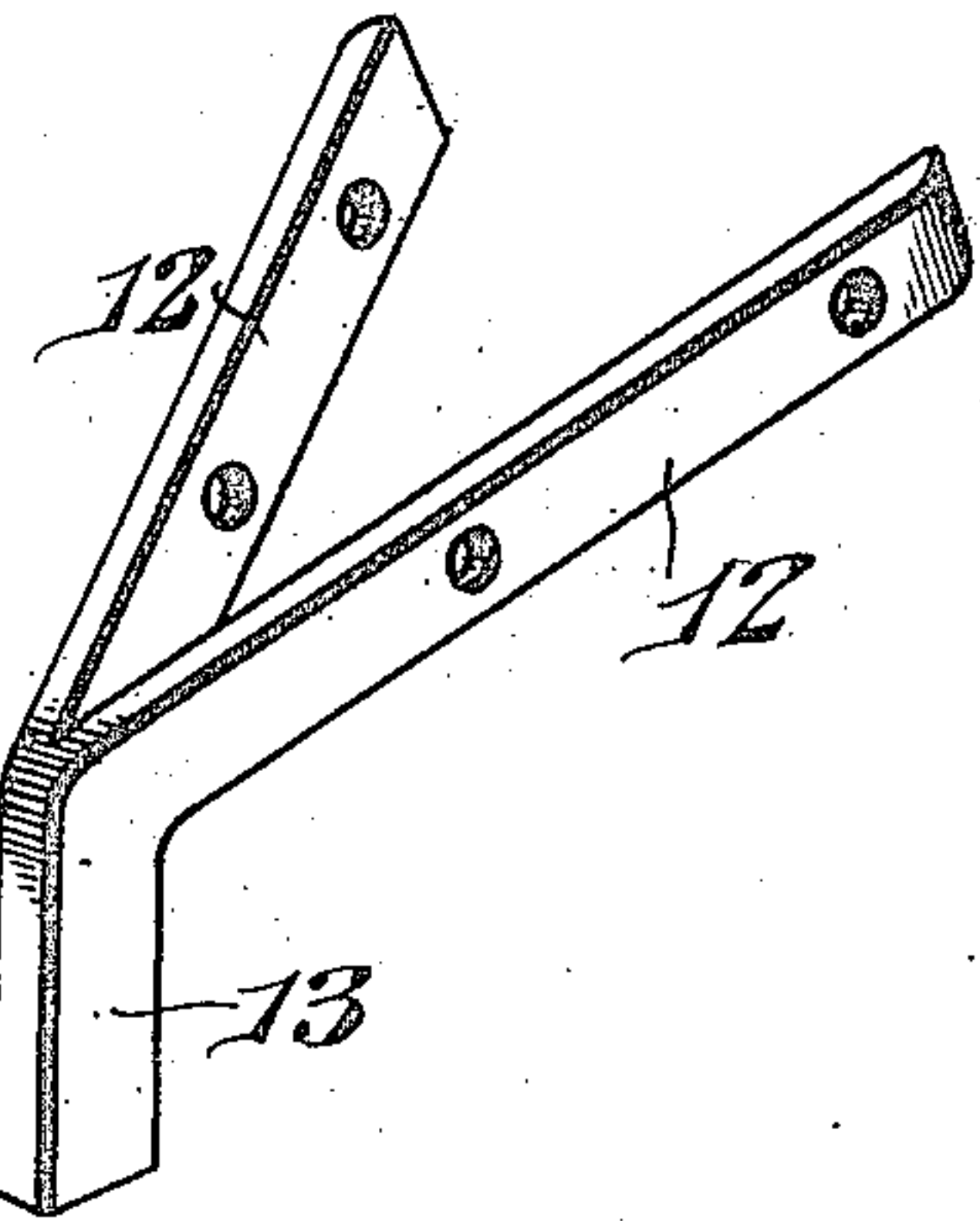
APPLICATION FILED JULY 28, 1910.

975,562.

Patented Nov. 15, 1910.



*Fig. 3.*



Witnesses  
Jas. E. McEachran  
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# UNITED STATES PATENT OFFICE.

SAM JACKSON MINYARD, OF BROOKELAND, TEXAS, ASSIGNOR OF ONE-HALF TO T. S. RICHARDSON, OF KIRBYVILLE, TEXAS.

## PLOW.

975,562

Specification of Letters Patent.

Patented Nov. 15, 1910.

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*To all whom it may concern:*

Be it known that I, SAM J. MINYARD, a citizen of the United States, residing at Brookeland, in the county of Sabine and State of Texas, have invented a new and useful Plow, of which the following is a specification.

This invention relates to improvements in plows and has for its object the provision of simple and efficient means whereby the standard and handles of a plow may be connected to the beam in such manner as to be easily disconnected therefrom, when necessary, for making repairs or other purposes, but will not be subject to accidental displacement.

The invention also seeks to provide a structure having the stated objects in which the standard will be brought immediately adjacent the handles so that the plow share or blade will respond instantly to the movements imparted to the handles.

These objects, and such other objects as will hereinafter appear, are attained in the use of the device illustrated in the accompanying drawings, and the invention consists in certain novel features of the same which will be hereinafter fully described and then specifically pointed out in the claim.

In the drawings,—Figure 1 is a perspective view of a plow embodying my improvements. Fig. 2 is an enlarged detail longitudinal section of the end of the plow beam with the handle and a portion of the plow standard, together with the fastening device, in position therein. Fig. 3 is a detail perspective view of the fork or bracket to which the handles are secured.

The beam 1 is preferably formed from metal, and has its front end provided with a hook 2 to which a clevis may be fitted.

A colter 3 is preferably used in connection with my plow, and this colter is secured upon the beam by a ring 4, encircling the beam and the shank of the colter, and held in position by a wedge 5 whereby the ring may be drawn against the shank of the colter to clamp the colter firmly against the beam.

The rear end of the beam is enlarged

laterally, as indicated at 6, and in this enlarged portion I provide a longitudinal vertically disposed slot 7 which receives the upper end of the standard 8 carrying the plow share or blade 9. The handles 10 are connected near their upper ends and braced by a cross bar 11, and their lower ends are bolted to the inner sides of the diverging arms 12 of a fork or bracket, the said arms springing upward and outward from a single solid stem or body 13 which is adapted to enter the slot 7 between the rear wall thereof and the upper end of the standard, as clearly shown in Fig. 2. A wedge-shaped key 14 is inserted into the slot 7 between the front wall of the same and the front edge or side of the standard 8 whereby if the key be driven home in the slot, the standard will be clamped firmly against the body 13 of the handle-carrying bracket and the said bracket clamped firmly against the rear wall of the slot.

It will be readily observed that the standard and the handle-carrying bracket are secured to the beam by a single fastening device, and that this device may be easily driven home so as to secure both members of the plow by a few sharp blows from a hammer or similar tool, and when it is driven home cannot be accidentally dislodged. The key may, however, be readily removed when it is necessary to repair the plow or for other purposes by tapping upon the lower end of the key, as will be readily understood. The standard and the handle-carrying bracket are arranged in juxtaposition so that the force applied to the handle bars to steer the plow or to regulate the depth of its cut will be transmitted directly to the plow so that the regulating of the cut made by the plow will be a very easy matter.

Having thus described my invention, what I claim is:—

In a plow, the combination of a beam having a longitudinal vertically disposed slot at its rear end, a plow standard having its upper end inserted through the said slot, a bracket consisting of a solid body fitted in the said slot between the rear wall of the same and the standard, and diverging arms extending upward, outward

and rearward from the said body, handles secured to the inner sides of the said diverging arms, and a wedge-shaped key inserted downward in the longitudinal slot in the  
5 beam between the front wall of the said slot and the standard.

In testimony, that I claim the foregoing

as my own, I have hereto affixed my signature in the presence of two witnesses.

SAM JACKSON MINYARD.

Witnesses:

W. A. Wood,  
NAT DEAN.