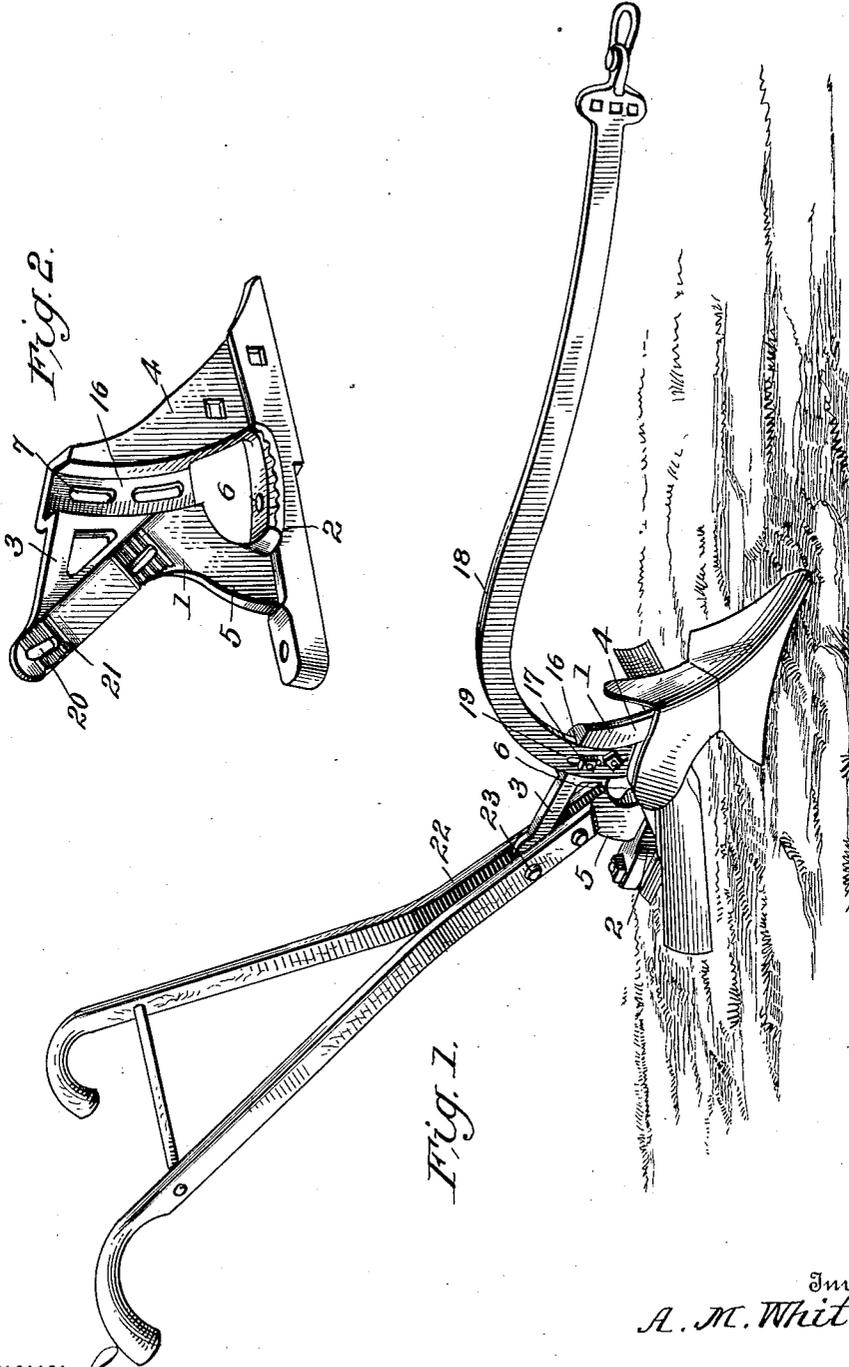


A. M. WHITE.
PLOW.
APPLICATION FILED FEB. 21, 1912.

1,094,282.

Patented Apr. 21, 1914.



Witnesses
[Signature]
[Signature]

Inventor
A. M. White

By *[Signature]* Attorneys.

UNITED STATES PATENT OFFICE.

ARTHUR M. WHITE, OF NORFOLK, VIRGINIA, ASSIGNOR TO S. R. WHITE'S SONS, OF NORFOLK, VIRGINIA.

PLOW.

1,094,282.

Specification of Letters Patent. Patented Apr. 21, 1914.

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To all whom it may concern:

Be it known that I, ARTHUR M. WHITE, citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Plows, of which the following is a specification.

This invention has relation to plows especially adapted to be used for cultivating crops, as for instance, cotton, corn, peanuts and the like, and has for its object to provide a plow having a simple but durable standard, with means for adjustably connecting a beam thereto so that the beam is rigidly held in an adjusted position. And the invention has for a still further object to generally improve this class of devices and to render them more useful and commercially desirable.

The invention also consists in certain constructions, arrangements and combinations of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of the plow; Fig. 2 is a perspective view of the standard of the plow.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The plow includes a standard 1 the parts of which are cast in an integral body. The standard 1 is provided with a lower bottom portion 2, an upper or top portion 3, a forward portion 4 and a rear portion 5. Between the top and bottom, forward and rear portions there is a space or opening 6 in and extending through which the shovels or blades may be secured. The top portion 3 of the standard is provided in one side with an arcuate recess 16. The chord of the arc of the recess 16 is approximately vertically disposed and the said recess opens at its upper end at the top side of the standard 1, and at its lower end at the top edge of the opening 6. Bolts 17 (preferably two in number) pass transversely through slots 7 formed in the side wall of the recess 16 concentric with the front and rear curved walls thereof. A beam 18 of metal is provided

and the said beam has an arcuate rear end portion which is snugly received within the recess 16 so that the forward and rear edges of the beam bear against the forward and rear walls of the said recess. The beam 18 is provided with elongated slots 19 which receive the bolts 17. Therefore it will be seen that by loosening the said bolts 17 the arcuate portion of the beam 18 may be slid or moved in the arcuate recess 16 so that the forward end of the beam 18 is raised or lowered and when the beam is adjusted to a desired position with relation to the standard 1 the bolts 17 are tightened, whereby the beam is securely held at the adjusted position.

As shown in Fig. 2, the recess is provided by forming an offset on the standard, so that, when the beam engages the recess, it will be held in the line of draft, and, as the beam fits snugly in the recess, it will be firmly supported and securely held. It will also be noted that as the recess is approximately vertical a wide range of vertical adjustment of the front end of the beam is effected by merely shifting the rear downturned portion of the beam in the recess in the standard and this adjustment does not materially vary the effective pulling length of the beam.

Having thus described the invention, what is claimed as new is:

1. A plow standard including a base runner, a body member rising therefrom, a lateral offset formed in the body member and defining an approximately vertically disposed recess adapted to receive a plow beam terminal, the body member being provided, adjacent its junction with the runner, with an opening adapted to receive a shovel or blade, an extension formed on the body member and projecting upwardly and rearwardly therefrom, said extension being slotted to receive bolts whereby a handle may be adjustably secured to the body member, and a web member formed integral with and connecting the body member and extension.

2. A plow standard consisting of a single metallic casting including a base runner, a body member rising therefrom, a lateral offset formed in the body member and defining an approximately vertically disposed recess adapted to receive a plow beam terminal,

the offset being formed with a plurality of openings adapted to receive bolts for adjustably securing a standard, an extension formed on the body member and projecting
5 upwardly and rearwardly therefrom, said extension having slots adapted to receive bolts, whereby the handle may be adjustably secured to the body, and a web connect-

ing the intermediate portion of the extension with the body member. 10

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR M. WHITE.

Witnesses:

LILLA HOWARD,
JAS. I. WINSTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."