

A. M. WHITE.
HANDLE MOUNT FOR PLOWS.
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1,039,074.

Patented Sept. 17, 1912.

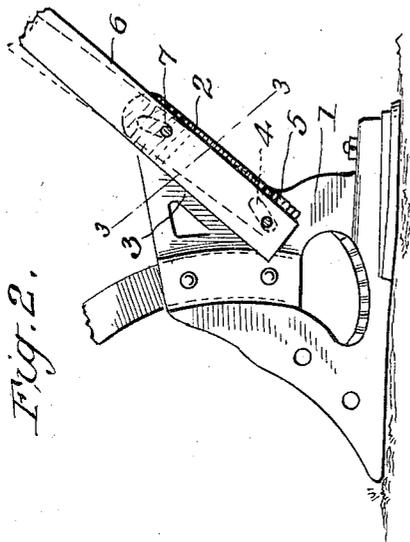


Fig. 2.

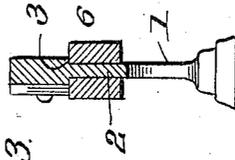


Fig. 3.

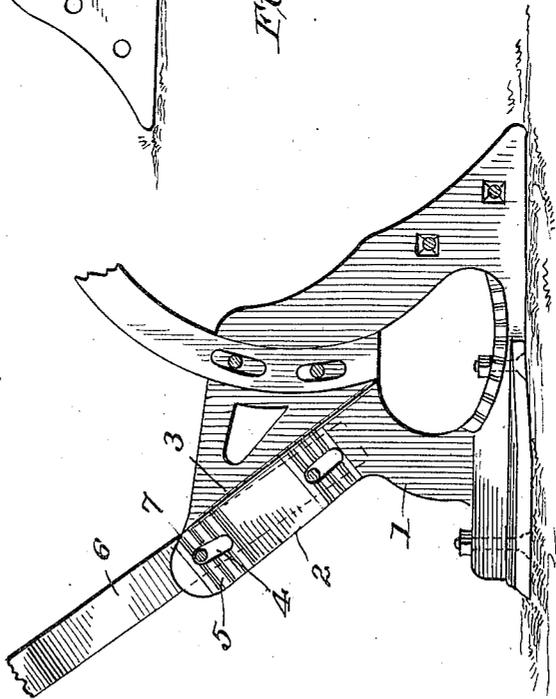


Fig. 1.

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UNITED STATES PATENT OFFICE.

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

HANDLE-MOUNT FOR PLOWS.

1,039,074.

Specification of Letters Patent.

Patented Sept. 17, 1912.

Original application filed February 21, 1912, Serial No. 679,162. Divided and this application filed April 25, 1912. Serial No. 693,065.

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 Handle-Mounts for Plows, of which the following is a specification.

This invention has relation to handle mounts for plows and has for its object to provide means for connecting handles with a plow standard or beam, the parts being so disposed that the handles may be pitched at a desired angle with relation to a horizontal, and at the same time that they are adjusted longitudinally, this application being a division of an application filed by me Feb. 21, 1912, Serial No. 679,162.

In the drawing: Figure 1 is a side elevation showing a standard with the handle mount applied thereto and one of the handles removed. Fig. 2 is a side elevation of the standard and the lower part of one of the handles. Fig. 3 is a transverse sectional view of the rear part of the standard with the handles applied thereto.

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

As illustrated in the accompanying drawing, the handle mount is shown as applied to a standard, but it is to be understood that this mount may be applied to any other part of the plow, as, for instance, the beam. As shown the standard 1 is provided with a relatively thin rear portion 2 with shoulders 3 located at the opposite sides thereof. The thin portion 2 is provided with elongated slots 4. These slots are spaced from each other, and the long dimensions of the slots are disposed at acute angles with relation to each other. The sides of the portion 2 about the slots 4 are provided with ridges 5. Handles 6 are provided at their lower end portions with bolts 7 which pass through the slots 4. The slots 4 are of greater transverse breadth than the diameter of the bolts 7, the object of which will be explained hereinafter.

To adjust the handles 6 the bolts 7 are loosened, and therefore the handles may be moved longitudinally, and during this longitudinal movement the bolts 7 will follow the edges of the slots 4 so that the angle of inclination of the handles with relation to a horizontal is changed as the handles are moved bodily with relation to the standard. The angular relation of the long dimension of the slots 4 is such that when the handles are in their lowermost positions their angle of inclination with relation to a horizontal is less than when the handles are at their uppermost positions with relation to the standard. Therefore, the disposition of the slots 4 is such that an adjustment of the handles is accomplished with relation to the surface of the soil during a single operation of moving the handles with relation to the standard. When the handles are in their lowermost positions their forward edges are brought in contact with the shoulders 3, and therefore when the bolts 7 are tightened the forward edges of the handles are securely braced against the material which constitutes the standard. By reason of the fact that the bolts 7 are of less diameter than the transverse breadth of the slots 4, the handles 6 may be locked at any point along the lengths of the slots 4 so that the handle grips may be positioned at relatively high or low points. In other words, there is sufficient play between the bolts 7 and the side edges of the slots 4 to permit the handles to be swung at any point that they may be positioned upon the standard 1 along the slots 4. It is of course understood that when the bolts 7 are tightened the ridges 5 will bite into the lower portions of the handles 6 and prevent the same from slipping from the positions to which they have been adjusted.

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

1. A handle mount for plows comprising a standard having spaced elongated slots pitched at an angle to each other, handles applied to the standard, and bolts carried by the handles and passing through the slots.

2. A handle mount for plows comprising a standard having elongated slots disposed at an angle to each other, the side faces of the standard about the slots being provided
5 with ridges transverse thereto, handles applied to the sides of the standard and engaged by the ridges, and bolts carried by the handles and passing through the slots.

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

ARTHUR M. WHITE. [L. S.]

Witnesses:

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