

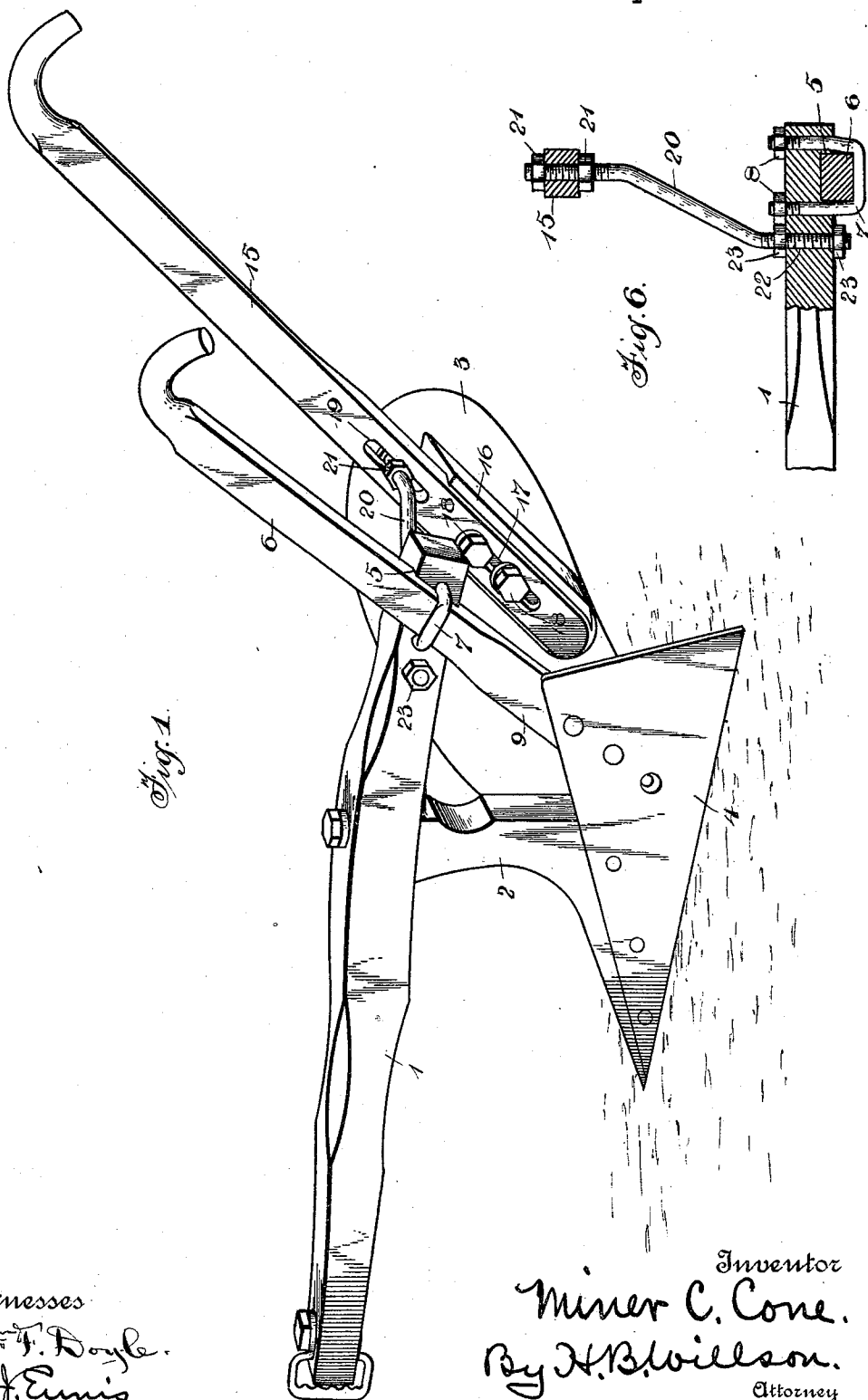
(No Model.)

2 Sheets—Sheet 1.

M. C. CONE.
PLOW.

No. 581,000.

Patented Apr. 20, 1897.



Witnesses
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Fig. 4.

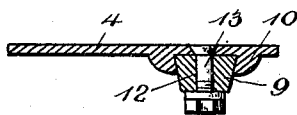


Fig. 2.

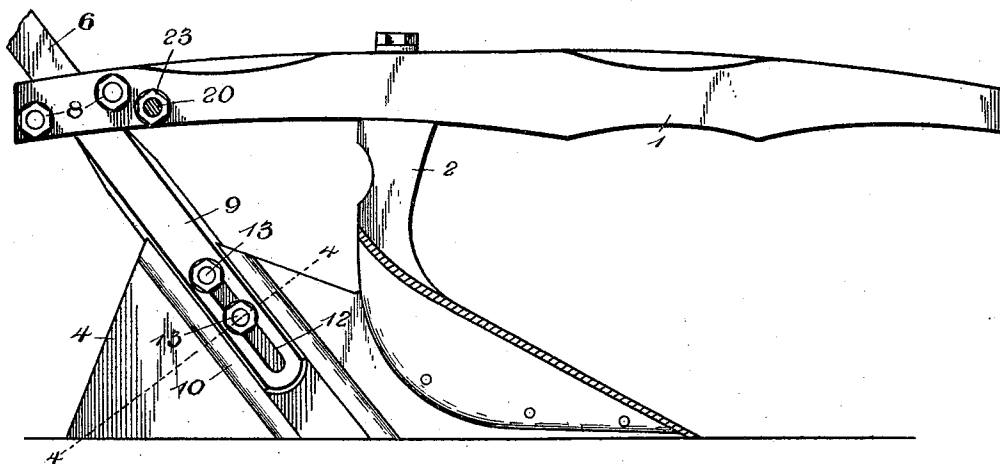


Fig. 5.

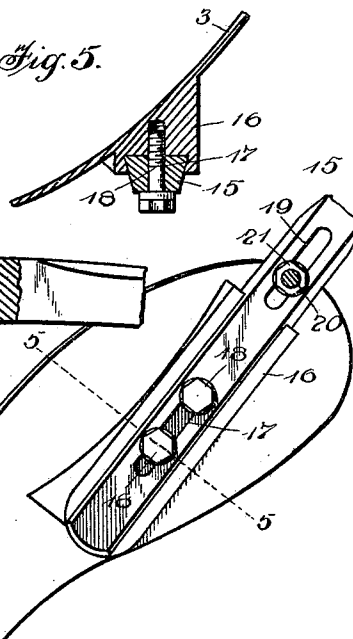
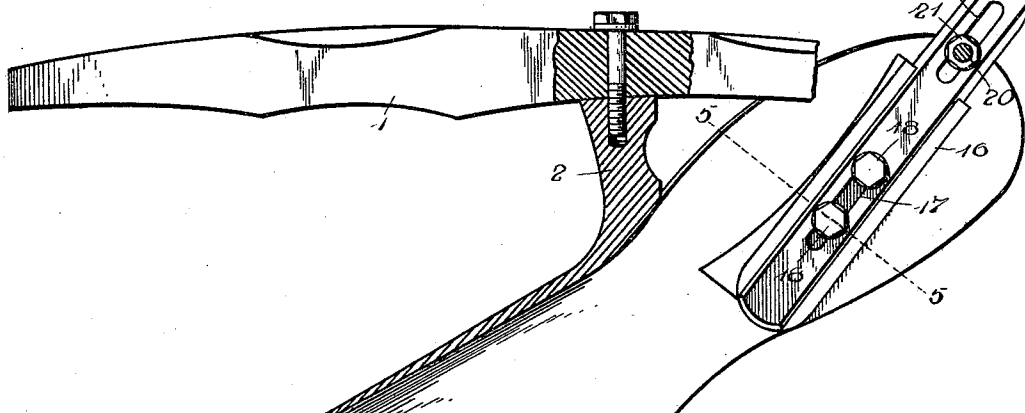


Fig. 3.



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UNITED STATES PATENT OFFICE.

MINER C. CONE, OF CAMBRIDGE, MASSACHUSETTS.

PLOW.

SPECIFICATION forming part of Letters Patent No. 581,000, dated April 20, 1897.

Application filed November 28, 1896. Serial No. 613,778. (No model.)

To all whom it may concern:

Be it known that I, MINER C. CONE, a citizen of the United States, residing at Cambridge, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Plows; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to improvements in the construction of plows, and more particularly to that class of plows in which the handles are adjustable to suit the various uses and the person using it; and the object is to provide a simple and durable plow of this class.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same figures of reference indicate the same parts of the invention.

Figure 1 is a perspective view of my improved plow. Fig. 2 is a longitudinal section along the right-hand side of the beam, looking toward the standard. Fig. 3 is a similar view looking toward the moldboard. Fig. 4 is a transverse section of the landside and left handle. Fig. 5 is a transverse view of the moldboard and right handle, and Fig. 6 is a transverse section on the line of the cross-brace.

1 represents the beam; 2, the standard; 3, the moldboard, and 4 the landside. The rear end of the outside of the beam 1 is formed with a vertically-inclined recess 5, which receives the shank of the left handle 6, being adjustably held therein by a yoke 7, extending transversely through the beam and having its inner ends threaded to receive nuts 8. The lower end 9 of the handle 6 is longitudinally dovetailed to fit snugly in the correspondingly-shaped way 10 in the landside 4. This end 9 is also provided with a slot 12, extending transversely through it to receive the bolts 13 13 in the landside. The lower end of the right handle 15 is also dovetailed to snugly fit in the way 16, which is cast integral with the moldboard, and it is also provided with a slot 17, through which the bolts 18 18 pass, they being tapped into the bottom of the way 16. Some distance above slot 17

is a second slot 19, which receives one end of the cross-brace 20, this end being threaded to receive the nuts 21 21, located on either side of the handle 15, and the opposite end of said brace 20 is bent diagonally out of a vertical plane to enter a transverse orifice 22 in the rear end of the beam immediately in front of the yoke 7, and this end of the brace is also threaded to receive the clamping-nuts 23 23. This construction allows the brace to turn in the orifice 22 in the beam to conform to the position in which its opposite end may be adjusted in the slot 19 in the right handle 15, and it will also be observed from the above description that the handles may be raised or lowered simultaneously to suit the operator, and should occasion require they may be adjusted independently of each other.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

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

1. A plow comprising the beam 1, having a vertically-inclined recess 5 and transverse orifice 22 and the yoke 7, the landside 4 provided with the integral way 10 and bolts 13, the moldboard provided with the integral way 16 and bolts 18, in combination with the handle 6 provided with the slot 12, the handle 15 provided with the slots 17 and 19, and the transverse brace 20, substantially as shown and described.

2. A plow comprising the beam 1 having recess 5 and transverse orifice 22, the yoke 7, the landside 4, provided with the integral dovetail way 10 and bolts 13, and the moldboard provided with the integral dovetail way 16 and bolts 18, in combination with the handle 6 having a dovetail end 9 and slot 12, the handle 15 having a dovetail end 14 and the slots 17 and 19, and the transverse brace 20, adjustably connecting said beam and handle 15, substantially as shown and described.

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

MINER C. CONE.

Witnesses:

JOHN AMEE,
E. N. McLEAN.