

1,008,035.

Witnesses

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J. P. Somers
L. A. Wilcox

W. F. Hester,

Inventor

by

Cashmore

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM FRANKLIN HESTER, OF McCOLL, SOUTH CAROLINA.

FLOW-STOCK.

1,008,035.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM F. HESTER, a citizen of the United States, residing at McColl, in the county of Marlboro and State of South Carolina, have invented a new and useful Plow-Stock, of which the following is a specification.

This invention relates to stocks for plows and the like, its principal object being to provide a device of this character which can be adjusted to any desired angle relative to the beam without requiring the use of a wrench or similar tool and which has means whereby a plow share or other soil engaging element may be secured to the stock without the use of a wrench or other similar tool such as usually provided for that purpose.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown. In said drawings:—Figure 1 is a side elevation of a plow embodying the present improvements. Fig. 2 is a section on line A—B Fig. 1. Fig. 3 is a section on line C—D Fig. 1.

Referring to the figures by characters of reference 1 designates the beam of the plow, the same having its upper portion cut away at the rear end to form an inclined shoulder 2. A brace 3 is inclined downwardly and forwardly from the rear portion of the beam and is pivotally engaged by the side strips 4 of the stock or standard, the point of connection between said strips and the brace being indicated at 5. Upwardly and rearwardly diverging handles 6 are bolted to the side strips of the stock, as shown at 7 and extend to opposite sides of the beam 1, these handles being connected to the upper ends of links 8 in turn pivotally connected to the beam 1 and to standards 8 which extend downwardly to opposite sides of the rear end portion of the beam 1 and are provided with series of openings 9. A heel 10 extends rearwardly from the lower portion of the stock and is connected to the lower portions of the standards 8. A connecting bolt 11 extends

loosely through the upper end portions of the strips of stock 4 and one end thereof is engaged by a clamping nut 12 which, when turned, serves to bind the strips of the stock tightly upon opposed faces of the beam 1 so as to hold the stock against movement relative to the beam. A sweep 13 is fitted upon the front face of the stock and has a hooked stem 14 extending rearwardly therefrom and through the stock, said stem being adapted to be engaged by a hook 15 formed at one end of a lever 16 which is fulcrumed within the stock and extends rearwardly between the standards 8. A locking pin 17 is insertible through any of the openings 9 and is adapted to limit the swinging movement of the lever between the standards.

In using the device the stock 4 is adjusted to any desired angle relative to the beam after which the nut 12 is tightened so as to bind the strips of the stock upon opposite faces of the beam. Sweep 13 is then placed on the front face of the stock with stem 14 extending therethrough and lever 16 is swung so as to bring its hooked end 15 into engagement with the stem. Lever 16 is swung downwardly as far as possible after which the locking pin 17 is inserted through the openings 9 nearest to the lever and thus prevents the lever from moving upwardly and releasing the sweep.

It will be apparent that by constructing a plow in the manner set forth, the various parts can be quickly adjusted and assembled without the use of a wrench or other tool and there is no danger of any of the parts becoming accidentally disengaged. By providing shoulder 2 the bolt 11 is limited in its forward movement and correspondingly limits the movement of the stock.

What is claimed is:—

1. The combination with a beam having a shoulder upon the upper face thereof, and a brace extending from the beam, of a stock consisting of side strips pivotally connected to the brace and extending to opposite sides of the beam, means engaging the upper end portions of said strips for binding the strips upon the beam, said means being movable forwardly against the shoulder when the lower end of the stock is pressed rearwardly, handles adjustably connected to the stock, and link connections between the handles and the beam.

2. The combination with a beam, a stock extending therefrom, and a standard extend-

ing from the beam and back of the stock, there being a connection between the stock and standard, of a soil engaging element, a hooked stem thereon projecting into the stock, a stem engaging lever fulcrumed within the stock, and means upon the standard and below the beam for holding the lever in engagement with the stem.

3. The combination with a beam, a standard thereunder, and a stock in front of the standard, of a soil engaging element upon the stock, a stem projecting therefrom and having a hooked terminal, a hooked lever fulcrumed upon the stock and shiftable into engagement with the hooked stem, and means upon the standard and below the beam for engaging the lever to hold it in engagement with the stem.

4. The combination with a beam, a stock,

a standard in rear thereof, and a connection between the lower ends of the stock and standard, of a soil engaging device upon the stock, a hooked stem projecting therefrom, a hooked lever fulcrumed within the stock and detachably engaging the stem, said lever extending through the standard, and means adjustably engaging the standard and below the beam for holding the lever against movement while in engagement with the stem.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM FRANKLIN HESTER.

Witnesses:

J. D. WADE,

A. L. PAMENS.