

(No Model.)

J. L. O. KING.  
PLOW STOCK.

No. 438,549.

Patented Oct. 14, 1890.

Fig. 1.

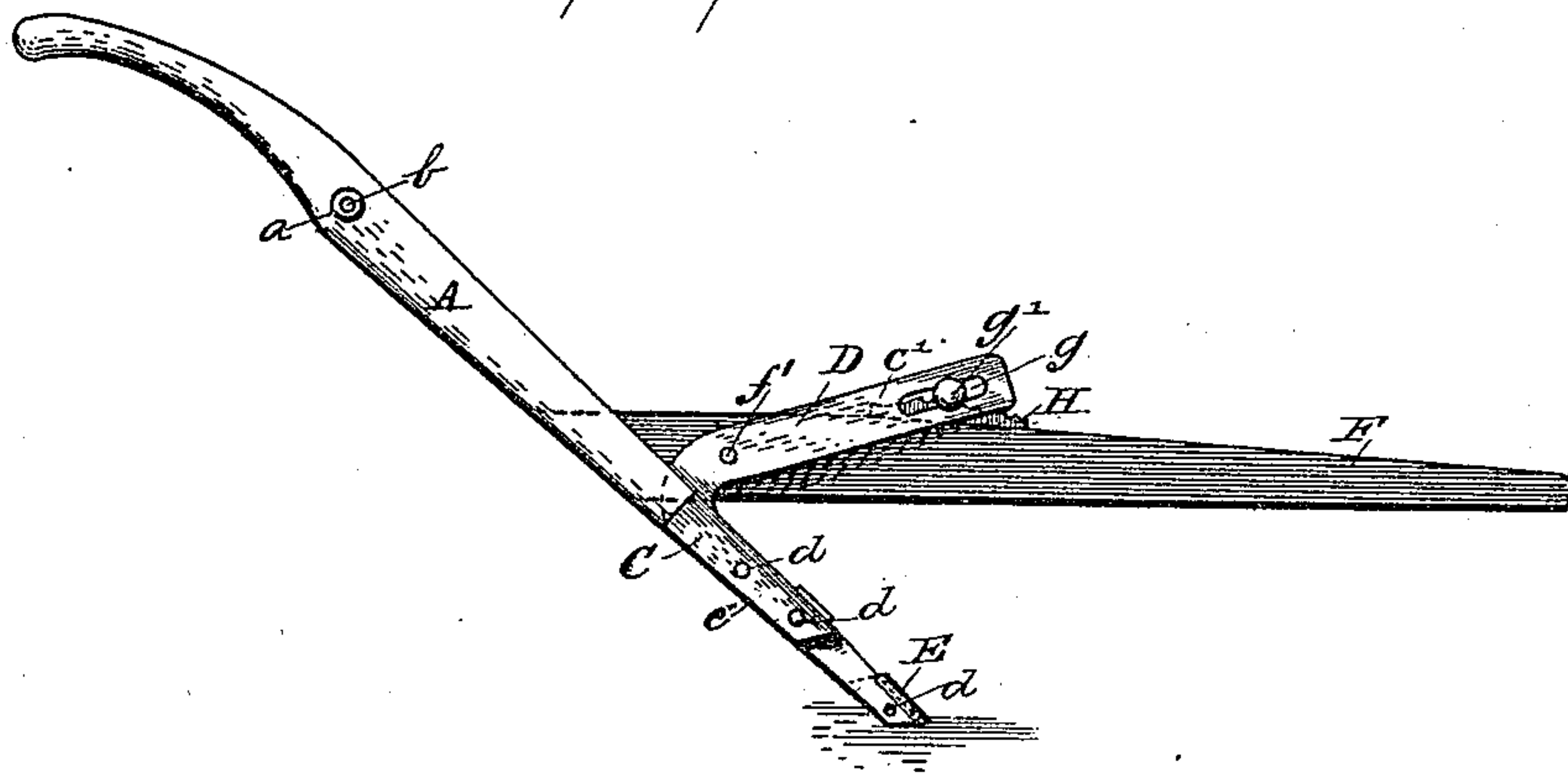


Fig. 2.

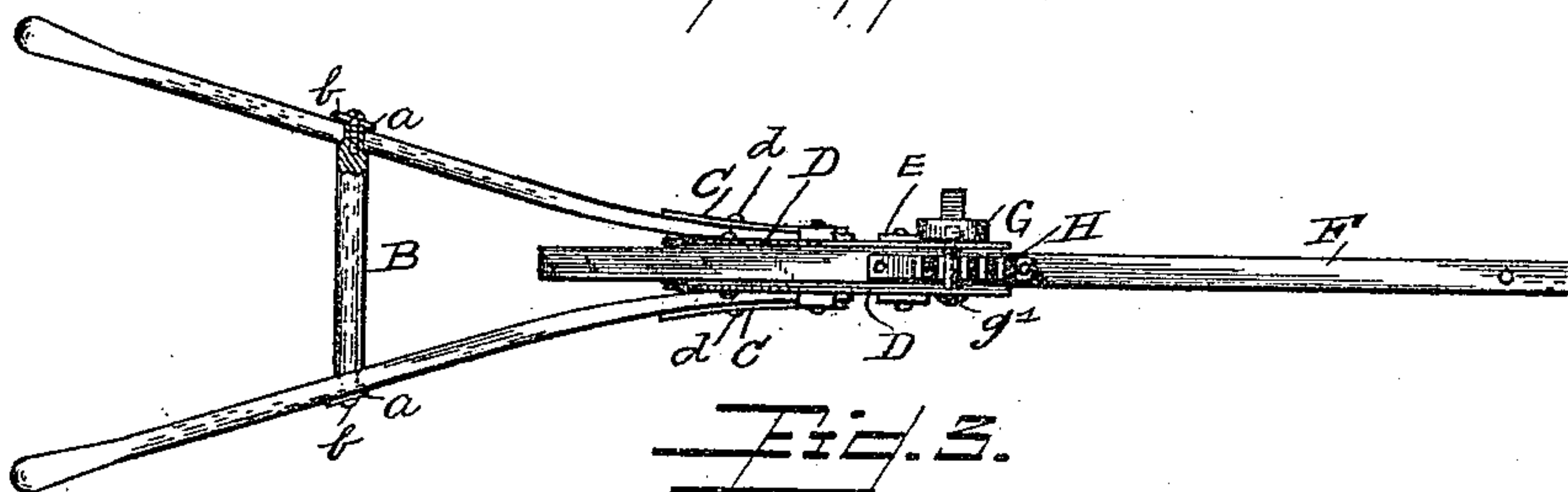
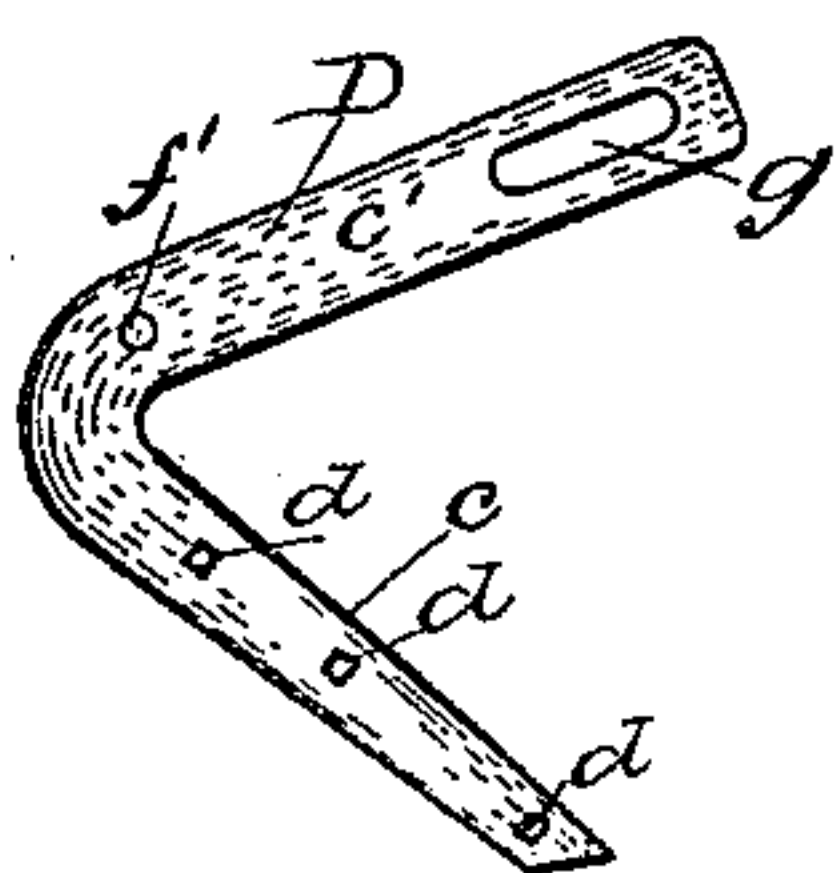


Fig. 3.



Witnesses

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By his Attorneys Smith & Clagett

# UNITED STATES PATENT OFFICE.

JAMES L. O. KING, OF FAIR PLAY, SOUTH CAROLINA.

## PLOW-STOCK.

SPECIFICATION forming part of Letters Patent No. 438,549, dated October 14, 1890.

Application filed October 30, 1889. Serial No. 328,639. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES L. O. KING, a citizen of the United States, residing at Fair Play, in the county of Oconee and State of South Carolina, have invented certain new and useful Improvements in Plow-Stocks; 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 relates to certain new and useful improvements in plow-stocks, which will be fully understood by reference to the following description and accompanying drawings, in which latter—

Figure 1 is a side elevation of a plow; Fig. 2, a top plan with parts broken away, and Fig. 3 a detail of a plate used.

In the drawings, A A represent the plow-handles, which are connected at points near their upper ends by a cross-bar B, such bar being inserted at its ends into openings formed in the handles and held in place by means of washers *a* and screws *b*, such screws being passed through the washers, and the washers thus held firmly against the outer faces of the handles, the parts being thus securely held in place. At the lower ends of the handles I provide metal plates C—one for each handle—these plates being provided with square bolt-holes and adapted to be held against the outer faces of the handles by means of square bolts passed therethrough, plates C extending rearwardly from the lower ends of the handles.

D D represent plates bent to the form shown clearly in Fig. 3, the branch *c* of each plate being provided with a series of square bolt-holes *d*, two of which are arranged to receive the bolts described as passing through the handles and plates C, and the remaining one in each plate to receive a bolt passed through these plates and through the shoe E, which, as shown, is situated between the plates and provided on its upper ends with flanges *e*, which overlap the upper edges of the plates.

The position of plates D when on the plow is clearly shown in Fig. 1, by reference to which it will be seen the branches or arms *c* extend a suitable distance beyond the lower ends of the handles A, while the upper branch *c'* of each plate is pivoted to the beam F at

a point near the rear end thereof by means of a bolt *f*, passed through bolt-holes *f'*, the arms *c'* extending above the beam in an inclined position. At the forward upper end of each arm *c'*, I provide a slot *g*, through which a screw-threaded bolt *g'* is to be inserted, such bolt being provided at one end with a suitable head and arranged to be held in place by means of a tap G, which consists of a block or casting formed at one end with a screw-threaded bore and at the opposite end with a squared handle, by means of which it is operated. Upon the upper face of the beam F, I provide an inclined rack H, such rack inclining upwardly toward the rear end of the beam. The position of these parts (the rack and bolt) is such that when the plow is in use the bolt will limit the upward movement of the beam by entering one of the grooves in the rack, and by adjusting the bolt and securing it in different parts of the slot the upward throw of the beam can be regulated.

The arrangement of parts as herein described will cause the stock to run much easier by reason of the handles coming down on the foot near the ground. The plates with which I have described the stock as provided prevent the bolts from rusting and rotting the wood, and the angular plate when operating in connection with the adjustable cross-bolt and inclined rack provides simple and ready means for adjusting the plow to different classes of work.

All the bolts herein referred to may be provided with taps similar in construction to that described in connection with the adjusting-bolt.

What I claim is—

In a plow-stock, the combination, with handles A and angle-plates D, extending at their lower ends beyond the lower ends of the handles and provided at their upper ends with slots *g*, of beam F, inclined rack H, mounted thereon, bolts *g'*, mounted in slots *g*, and tap G, as set forth.

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

JAMES L. O. KING.

Witnesses:

W. S. MARETT,  
T. W. ALLEN.