

No. 648,751.

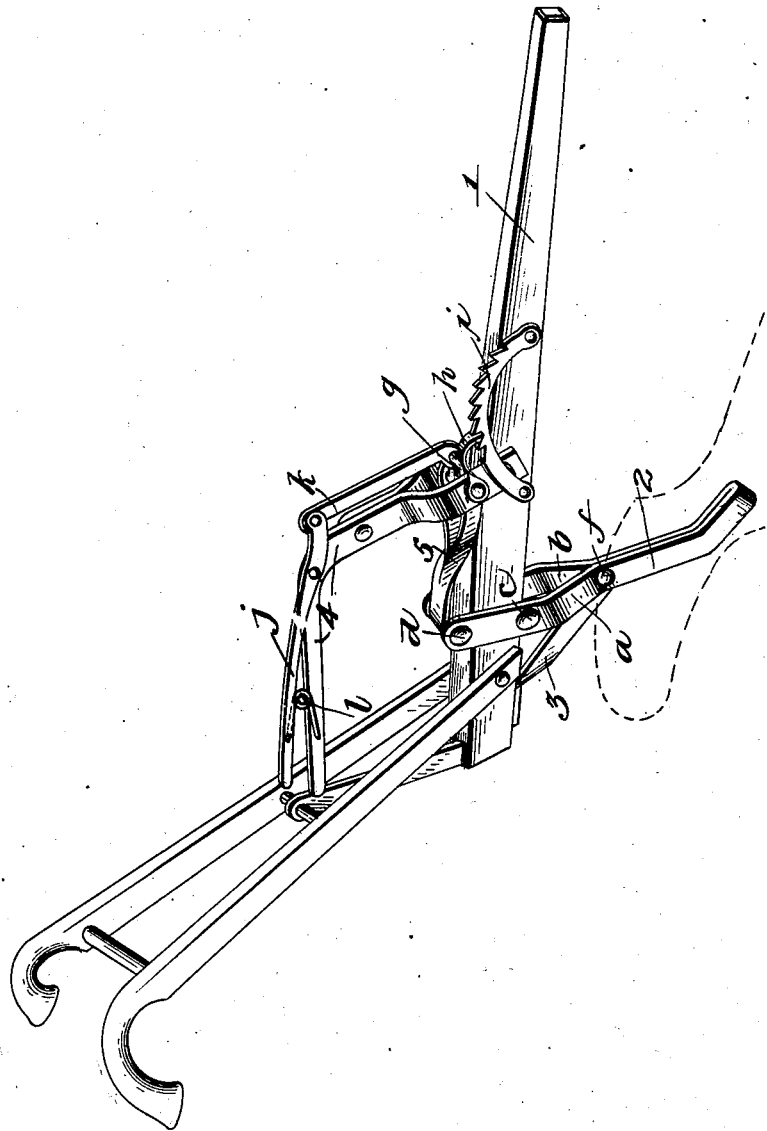
Patented May 1, 1900.

B. O. JONES.

PLOW.

(Application filed Mar. 1, 1900.)

(No Model.)



Witnesses  
*E. B. Smith*  
*J. H. Wilson*  
by *A. B. Wilson & Co.*  
Attorneys

Inventor  
*B. O. Jones*

# UNITED STATES PATENT OFFICE.

BIEMON O. JONES, OF LOOPERS, SOUTH CAROLINA.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 648,751, dated May 1, 1900.

Application filed March 1, 1900. Serial No. 8,932. (No model.)

*To all whom it may concern:*

Be it known that I, BIEMON O. JONES, a citizen of the United States, residing at Loopers, in the county of Pickens and State of South Carolina, 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.

The invention relates to plows.

The object of the invention is to provide a plow the standard of which may be easily and quickly adjusted to regulate the depth of furrow to be made.

With this object in view the invention consists in certain features of construction and combination of parts which will be hereinafter fully described and claimed.

In the accompanying drawing I have illustrated my invention in perspective.

In the drawing the same reference characters indicate the same parts of the invention.

1 denotes the plow-beam, 2 the plow-standard, and 3 the standard-brace. The plow-standard preferably consists of a single piece of metal doubled upon itself to form parts *a b*, which at their upper ends are spread apart to embrace the beam and are connected together by bolts *c d*. The standard intermediate its length is connected by a pivot *f* to the lower end of the standard-brace.

4 denotes an adjusting-lever which is pivoted to the plow-beam and is pivotally connected by a link 5 to the upper end of the standard by the bolt *d* and to the lever by a crank-shaft *g*, to one end of which is fixed a pawl *h*, adapted to engage the segmental rack *i*. A pawl-actuating lever *j* is pivoted to the adjusting-lever and is connected to the crank by a link *k*. A spring *l* is connected to the pawl-actuating lever and the adjusting-lever and exerts its energy to hold the pawl in engagement with the segmental rack.

If it be desired to adjust the plow, the upper ends of the two levers are grasped, thus releasing the pawl from the segmental rack, and when this is done the adjusting-lever may be swung either forward or rearward, as

the case may be, to elevate or lower the plow-point.

From the foregoing description, taken in connection with the accompanying drawing, the construction, operation, and advantages of my improved plow will be readily apparent without requiring an extended explanation.

It will be seen that the plow is simple of construction, that said construction permits of its manufacture at small cost, and that it is exceedingly well adapted for the purpose for which it is designed.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

The combination with a plow-beam; of a standard-brace secured thereto, a standard consisting of a piece of metal doubled upon itself and having its upper ends separated to embrace the sides of the plow-beam, bolts extending through the said standard above and below the plow-beam, said standard being pivoted to the brace intermediate the ends of said standard, an adjusting-lever pivoted to the plow-beam, a link pivoted at one end to the upper one of said bolts, a crank-shaft journaled to said lever to which the other end of said link is pivoted, a pawl fixed to the end of said crank-shaft, a segmental rack to be engaged by said pawl, a spring-actuated pawl-operating lever pivoted to said adjusting-lever, and a link connected to the crank of said shaft and to the lower end of said pawl-actuating lever, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

B. O. JONES.

Witnesses:

T. T. HUGHES,  
C. M. WATSON.