

(No Model.)

A. C. ROSENCRANZ.
HILLSIDE PLOW.

No. 568,279.

Patented Sept. 22, 1896.

Fig. 1.

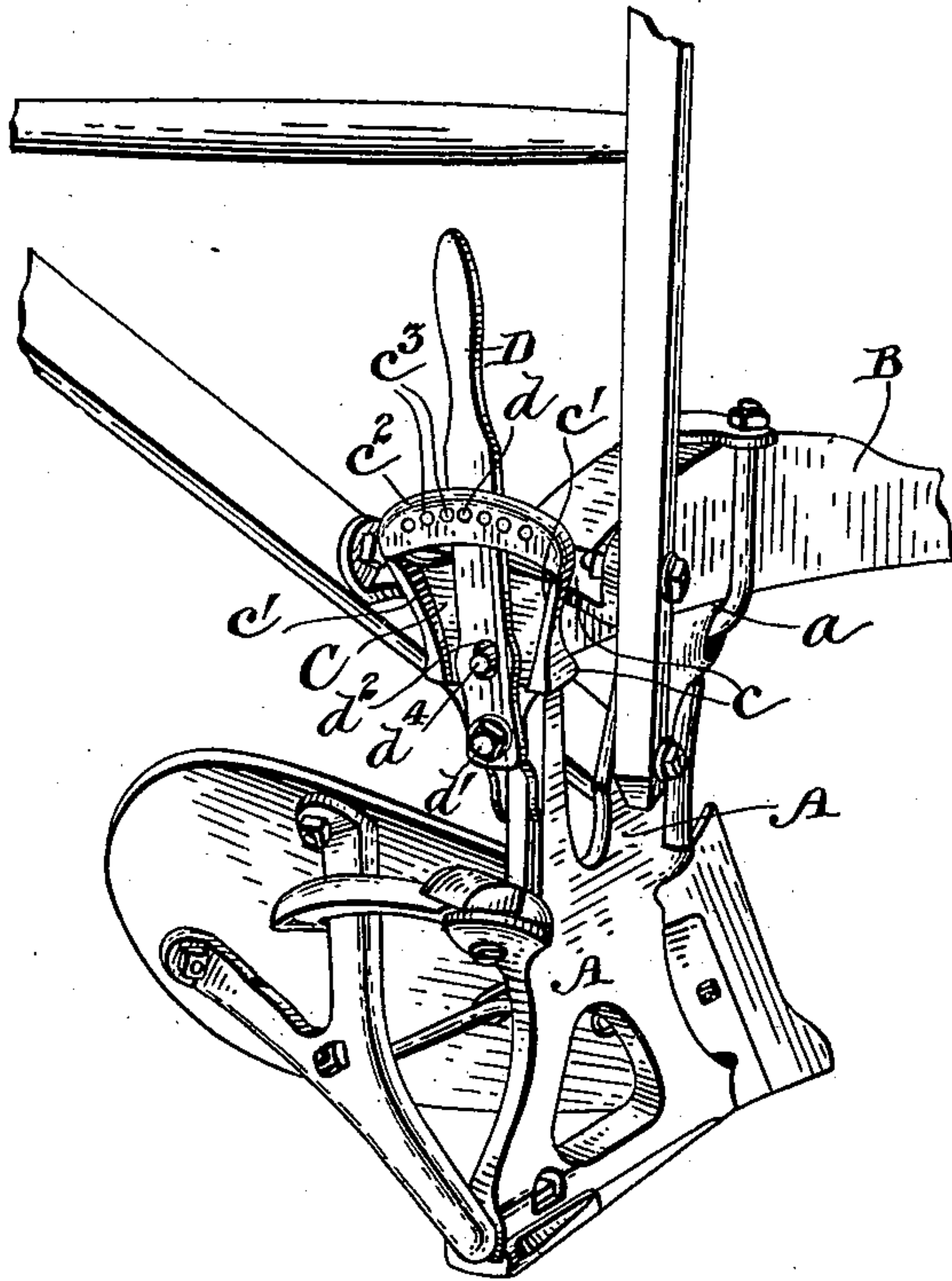
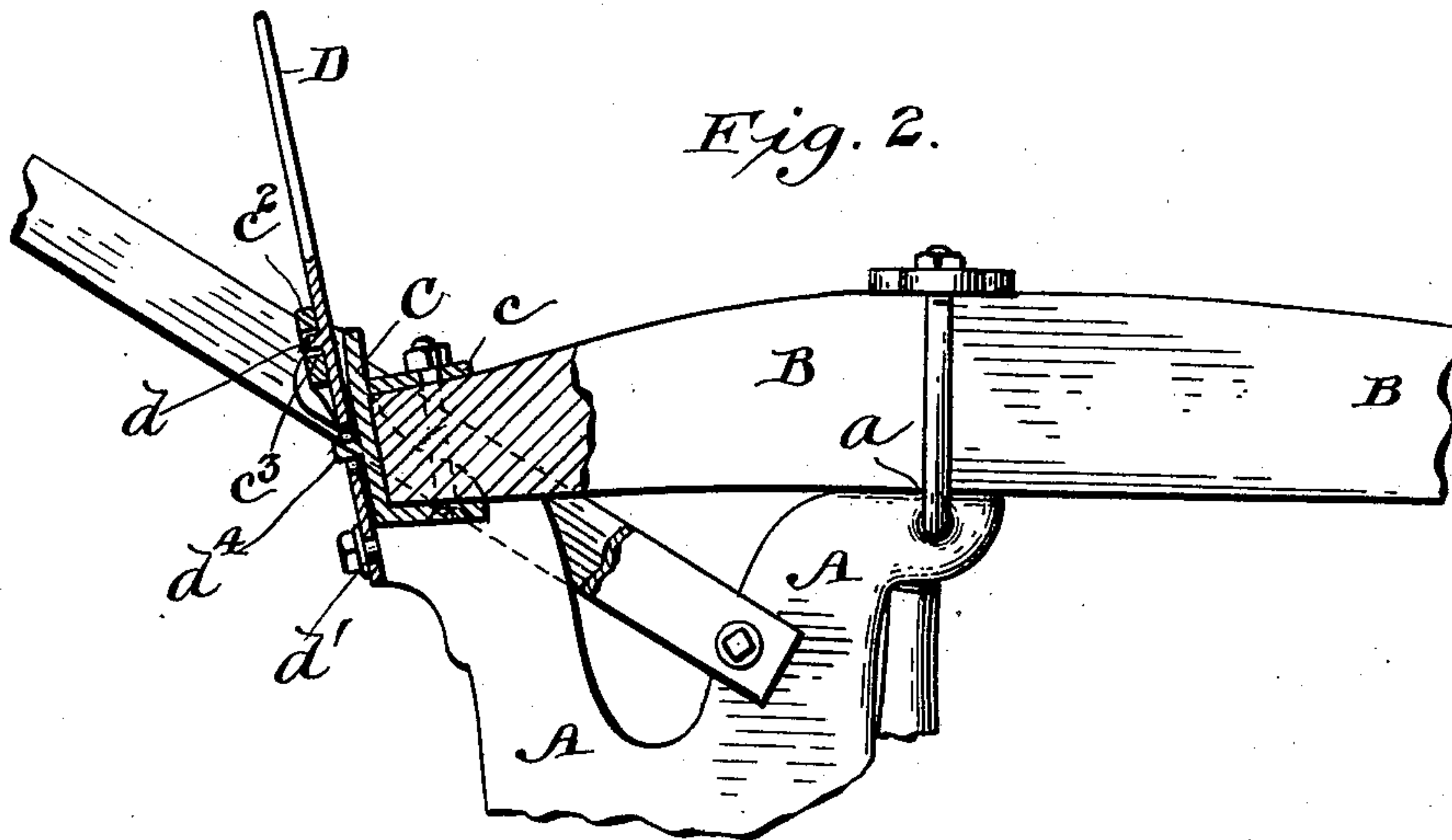


Fig. 2.



WITNESSES

Geverance
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UNITED STATES PATENT OFFICE.

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HILLSIDE-PLOW.

SPECIFICATION forming part of Letters Patent No. 568,279, dated September 22, 1896.

Application filed February 27, 1896. Serial No. 581,080. (No model.)

To all whom it may concern:

Be it known that I, ALBERT C. ROSENCRANZ, a citizen of the United States, residing at Evansville, in the county of Vanderburg and State of Indiana, have invented certain new and useful Improvements in Hillside-Plows; and I do hereby 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 improvements in hillside-plows, and has more particular relation to mechanism for shifting the plow-beam from side to side independently of the standard.

The invention consists of the combination, with a plow having its beam pivotally mounted on the standard, of a lever pivoted to the plow-standard and connected to said beam to move it from side to side and means for locking said lever in any of its adjusted positions.

It also consists of certain other novel constructions, combinations, and arrangements of parts, all of which will be hereinafter more particularly set forth and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 represents a perspective view, taken from the rear, of a hillside-plow with my invention applied thereto; and Fig. 2 represents a central vertical section through the end of the plow-beam and my improved device for adjusting the same.

A in the drawings represents the plow-standard; B, the plow-beam, which is pivotally mounted on the standard at the point *a* in any suitable manner; C, the securing-plate attached to the rear of the beam, and D the operating spring-lever.

The plate C is provided on its front face with suitable lugs *c c*, by means of which said plate is attached to the rear of the beam. The rear face of said plate is provided with upwardly and outwardly extending flanges *c' c'*, that project above the upper edge of the plate and are connected by a segmental plate *c²*. This plate *c²* is provided with apertures *c³*, through which a pin *d* on the rear of

the lever is adapted to pass to secure said lever in any of its adjusted positions. This lever is pivoted at its lower end to the standard by a bolt *d* and is provided with an elongated vertical slot *d²*, that is adapted to fit over a pin *c⁴* on said plate C.

It will be observed from the above that when it is desired to shift the beam from one side to the other the upper end of the lever D is grasped and pushed forward until the pin *d* disengages from the aperture *c³*. The lever is then moved to one side or the other, shifting the beam through the medium of the pin *c⁴*, working in the elongated slot *d²*. The lever then springs back in place, the pin *d* entering one of the apertures *c³*, and the lever, and consequently the beam, are thus locked firmly in position.

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

1. The combination with a plow having its beam pivotally mounted on the standard, of a vertical, yielding hand-operated lever provided with a locking-pin, and pivoted at its lower end to the rear of the plow-standard, and connected to a pin applied on the rear end of the plow-beam and serving as a means whereby to move the plow-beam on its pivot, and a perforated plate for receiving the locking-pin for locking said lever in any of its adjusted positions, substantially as described.

2. The combination with a plow having its beam pivotally mounted on the standard, of an adjusting-plate mounted on said beam at its extreme rear end, a horizontally-extending pin applied on the extreme rear end of the beam, and a vertical hand-operated spring-lever pivoted at its lower end to the standard and provided with a slot which receives the pin on the extreme end of the plow-beam and having a projecting pin which is adapted to engage the adjusting-plate, the construction and arrangement being such that a great leverage is secured for adjusting the plow-beam, substantially as described.

3. The combination with a plow having its beam pivotally mounted on the standard, of an adjusting-plate mounted on said beam

and provided with a projecting pin and adjusting-apertures, and a lever pivoted to the standard and having a slot which receives said projecting pin, and a projecting pin
5 on the lever adapted to engage any one of said adjusting-apertures, substantially as described.

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

ALBERT C. ROSENCRANZ.

Witnesses:

GUSTAV SCHAUER,
ANDREW REED.