

No. 766,034.

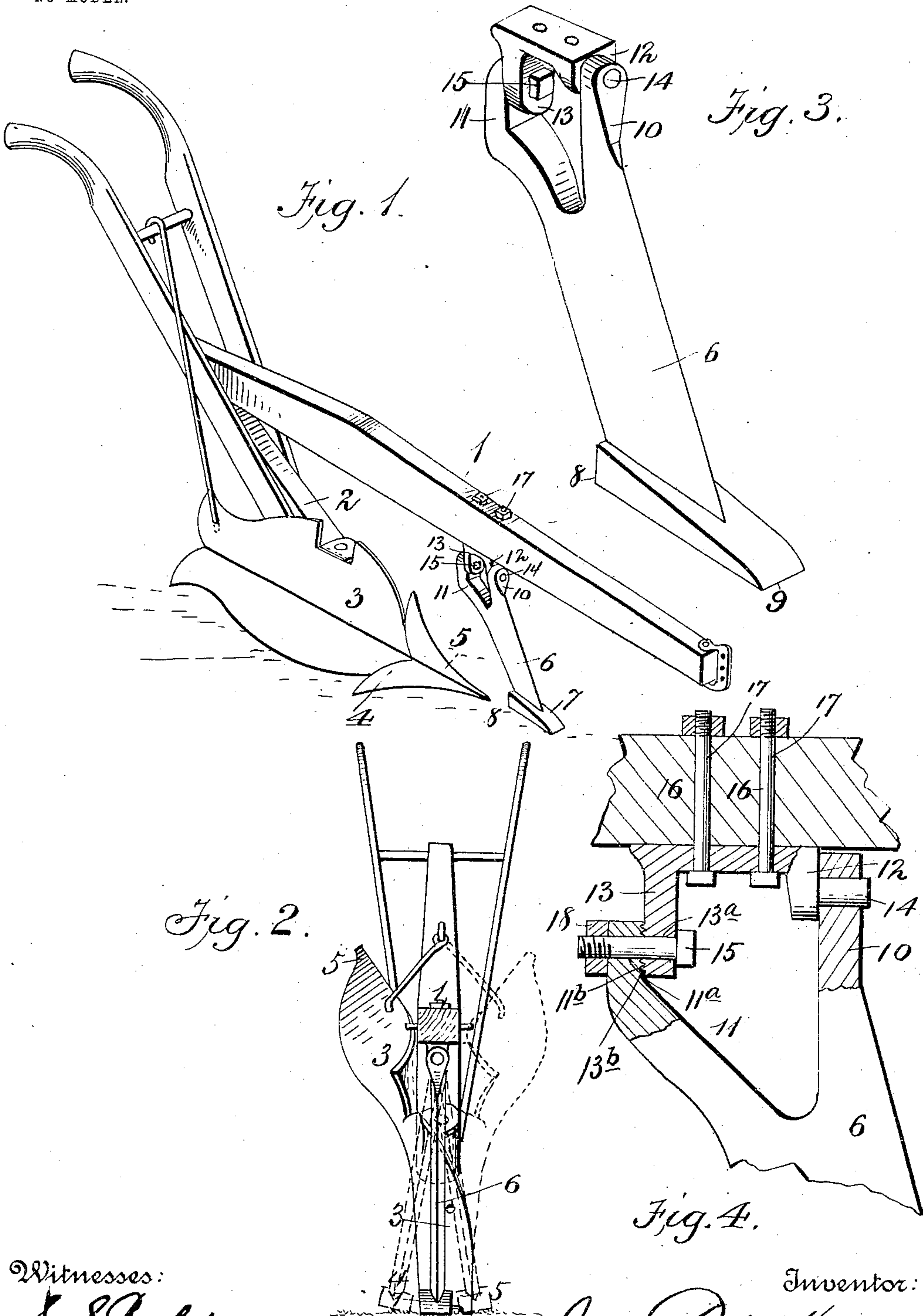
PATENTED JULY 26, 1904.

J. B. HAMILTON.

PLOW COLTER.

APPLICATION FILED MAR. 22, 1904.

NO MODEL.



Witnesses:

L. S. Burkett

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# UNITED STATES PATENT OFFICE.

JAMES BAKER HAMILTON, OF REQUA, CALIFORNIA.

## PLOW-COLTER.

SPECIFICATION forming part of Letters Patent No. 766,034, dated July 26, 1904.

Application filed March 22, 1904. Serial No. 199,398. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES BAKER HAMILTON, a citizen of the United States, residing at Requa, in the county of Del Norte and State of California, have invented new and useful Improvements in Plow-Colters, of which the following is a specification.

My invention relates to plow-colters; and the object of the same is to construct a device of this character for use on sidehill-plows.

My invention consists of a simple and novel construction, fully described in this specification and more specifically pointed out in the claims and illustrated in the accompanying drawings, forming a part of the specification, and in which—

Figure 1 is a side elevation of my colter attached to a sidehill-plow. Fig. 2 is a transverse section of the same, showing the two positions of the colter and moldboard, one position being shown in dotted lines. Fig. 3 is a detail perspective of the colter. Fig. 4 is a fragmentary detail of the colter.

Like numerals of reference designate like parts in the different views of the drawings.

The numeral 1 designates a plow-beam bearing a standard 2, carrying a moldboard 3, hinged to the lower end thereof and designed to be reversed to occupy a symmetrical position on the other side of the standard in Fig. 2. A share 4, having a point 5, is connected to the moldboard 3.

My colter is located in front of the point 5, and consists of a wide uniform blade 6, having a shoe 7 formed on the lower end thereof and making an angle therewith, which shoe is of uniform transverse width and is beveled vertically and uniformly from the heel 8 to a chisel-point 9, which projects well beyond the edge of the blade. The point 9 may become rounded off or stubbed slightly in sharpening.

Two diverging arms 10 and 11 are formed on the upper end of the blade 6, and an L-shaped member having arms 12 and 13 is pivoted to said arms by means of a pin 14 on the arm 12, which engages an aperture in the

arm 10, and a bolt 15, which passes through transverse apertures 11<sup>a</sup> and 13<sup>a</sup>, formed in the arms 11 and 13, respectively.

The L member is rigidly secured to the beam 1 by means of bolts 16 passing through apertures therein and aperture 17 in said beam. A nut 18, fitted on the bolt 15, enables the arms 13 and 11 to be held against relative movement. The faces 11<sup>b</sup> and 13<sup>b</sup> may be serrated to prevent slipping.

When the plow is in use, the moldboard 3 is set on the side desired, after which the colter-blade 6 is set to correspond in inclination thereto and securely clamped by means of the nut 18. A furrow is then plowed, the moldboard 3 reversed, and the colter set to correspond to the new inclination thereof.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. In a colter for sidehill-plows, the combination of a blade having two arms formed thereon, an L-shaped member having its arms pivotally connected to said arms, means for clamping said L member and said arms against relative movement, and means for securing said L-shaped member to a plow-beam, substantially as described.

2. In a colter for sidehill-plows, a blade having two diverging arms formed on one end thereof, an L-shaped member designed to be secured to a plow-beam, the arms of said member being pivoted to said arms, and means for clamping said L member and said arms against relative movement, substantially as described.

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

JAMES BAKER HAMILTON.

Witnesses:

FRANK BRODERICK,  
HARRY FRANCIS STOCK.