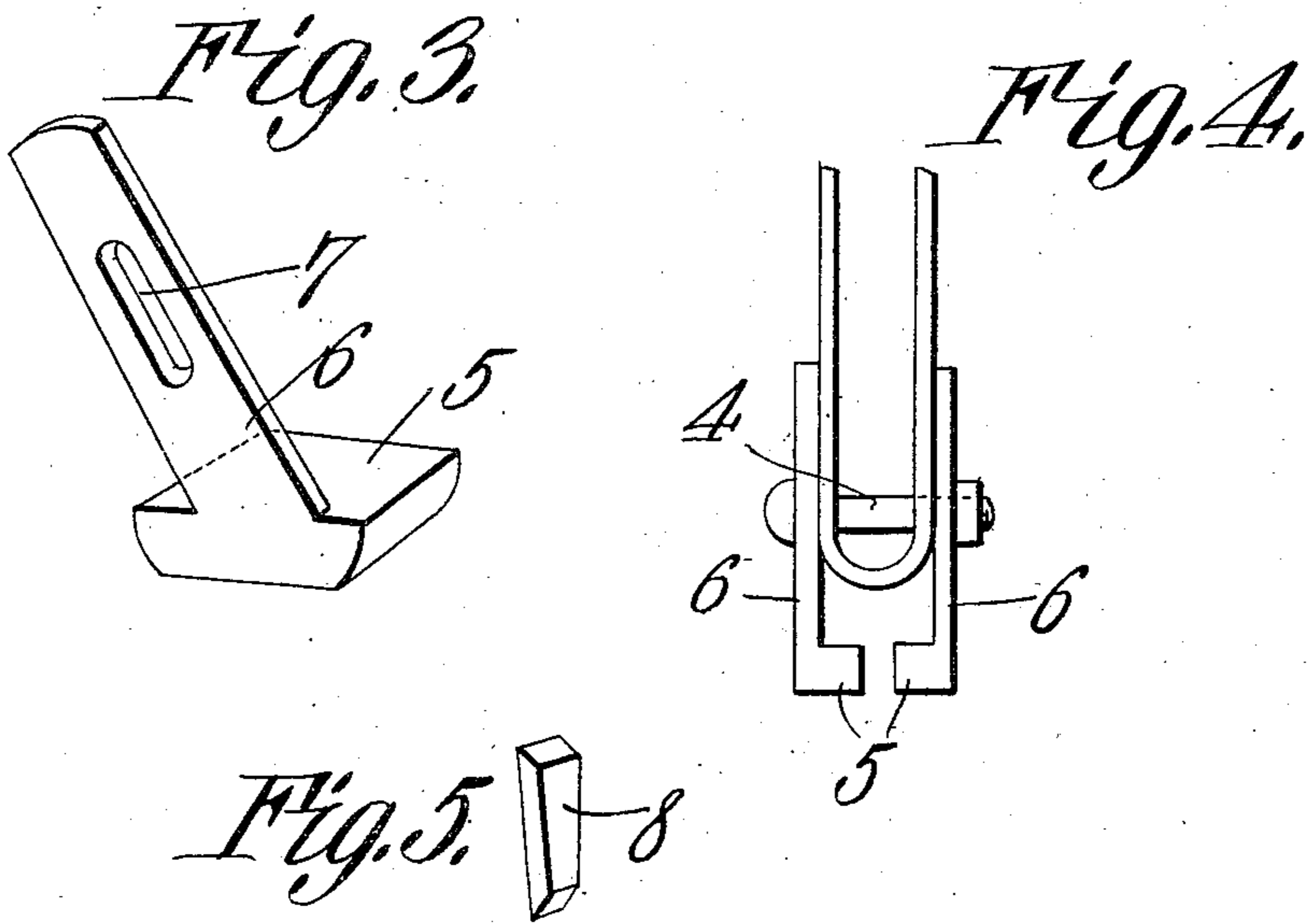
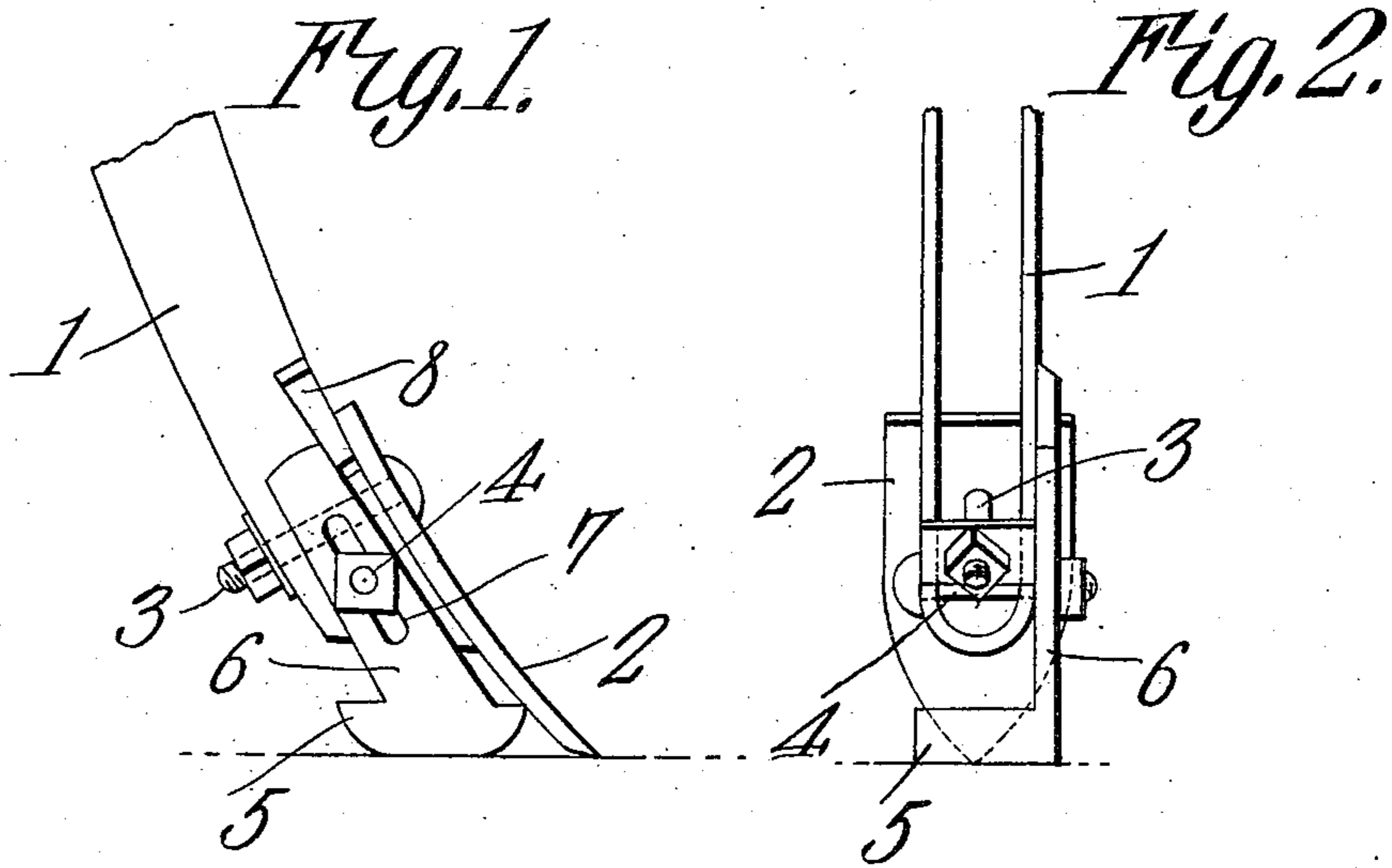


No. 855,348.

PATENTED MAY 28, 1907.

G. W. SIMMONS.  
ADJUSTABLE PLOW HEEL.  
APPLICATION FILED APR. 26, 1907.



WITNESSES:  
*E. J. Stuart*  
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# UNITED STATES PATENT OFFICE.

GEORGE W. SIMMONS, OF YELLOW RIVER, GEORGIA.

## ADJUSTABLE PLOW-HEEL.

No. 855,348.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed April 26, 1907. Serial No. 370,438.

*To all whom it may concern:*

Be it known that I, GEORGE W. SIMMONS, a citizen of the United States, residing at Yellow River, in the county of Guinnett and State of Georgia, have invented a new and useful Adjustable Plow-Heel, of which the following is a specification.

This invention has relation to adjustable plow heels adapted to be used upon and applied to the standard of a scooter shovel plow or cultivator.

Means is provided for attaching the heel to the standard without disturbing the heel bolt or the nut thereof. The said heel may also be adjusted longitudinally of the standard brace the plow point and prevent the same from bending rearwardly. The said heel will also regulate the depth of the furrow opened by the shovel.

In the accompanying drawing:—Figure 1 is a side elevation of the heel applied to a plow standard. Fig. 2 is a rear view of the same. Fig. 3 is a perspective view of the heel detached. Fig. 4 is a rear view of a standard showing two heels applied thereto, and Fig. 5 is a perspective view of a wedge used between the plow point and heel shank.

The heel is preferably applied to and is especially adapted to be used upon standards which are U-shaped in edge elevation such as the standard 1 illustrated. The heel, however, may be applied to other forms of standards. The shovel 2 is attached to the standard 1 by the heel bolt 3 in the usual manner. The lower end of the standard 1 is perforated transversely and the bolt 4 lies in said perforation. The bolt 4 extends at right angles to the bolt 3. The heel consists of the rectangular section 5 which joins at its side with the section 6. The section 6 is provided with an elongated perforation 7 which

receives the bolt 4. The longitudinal axis of the section 5 is at an acute angle to the longitudinal axis of the section 6 and the end of the section 5 bears against the rear side of the plow point 2.

From the foregoing description it is obvious that the reason of the elongated perforation 7 receiving the bolt 4 that the heel may be adjusted in alinement with the longitudinal axis of the standard 1 and by reason of the angle at which the sections 5 and 6 are arranged the section 5 will move substantially parallel with the surface of the ground and the forward end of the said section bearing against the rear side of the plow point 2 will brace the same against bending to the rear.

The heel is forced in contact with the scooter 2 by means of the wedge 8 which is inserted between the said scooter and the edge of the section 6.

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

A plow heel adapted to be applied to the side of a plow standard and in the rear of the plow point comprising a metallic body having a rectangular section with a side section extending at a right angle to the breadth of the first said section, said side section having an elongated perforation adapted to receive a bolt, the first said section having its longitudinal axis extending at an acute angle with the longitudinal axis of the said side.

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

GEORGE W. SIMMONS.

Witnesses:

L. M. BRAND,  
F. T. PENTECOST.