

S. H. CARPENTER.

PLOW SWEEP.

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938,639.

Patented Nov. 2, 1909.

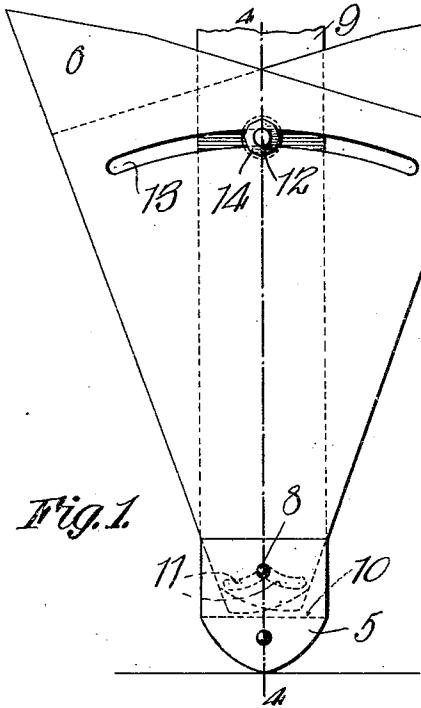


Fig. 1.

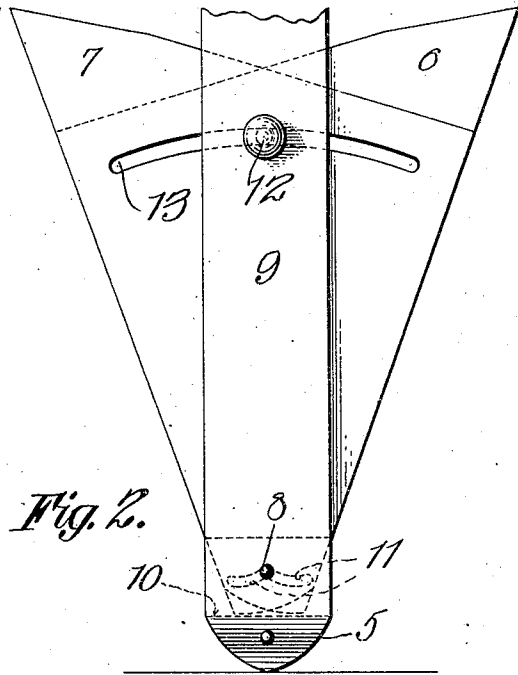


Fig. 2.

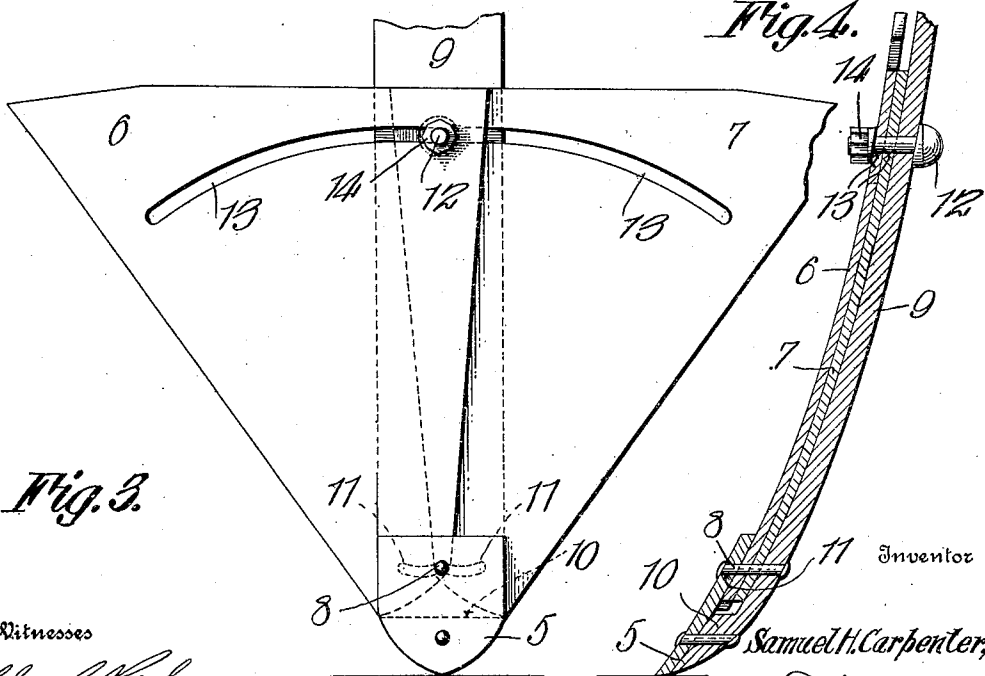


Fig. 3.

Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

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PLOW-SWEEP.

38,639.

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to all whom it may concern:

Be it known that I, SAMUEL H. CARPENTER, a citizen of the United States, residing at Morrillton, in the county of Conway, State of Arkansas, have invented certain new and useful Improvements in Plow-sweeps; 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.

This invention relates to plow-sweeps, and has for its object to provide a sweep consisting of two wings which are so connected that they may be spread apart or closed together to make a broad or a narrow sweep, thus adapting the same for different kinds of work.

In the accompanying drawings, Figure 1 is a front view of the sweep. Fig. 2 is a back view. Fig. 3 is a front view showing the parts in another position. Fig. 4 is a section on the line 4—4 of Fig. 1.

As shown in the drawing, the sweep consists of a point 5 and wings 6 and 7 respectively, which are substantially triangular in shape and overlap, and are pivotally connected at one of their corners by means of a bolt 8. The point 5 is mounted at the lower end of a shank 9, having a shoulder 10 which latter spaces said point a distance removed from the shank to form a slot in which the pivoted ends of the wings are received. The side edges of the point are parallel. The bolt passes through the point 5 and the shank 9, whereby the wings are also pivotally connected thereto. The wings have curved slots 11 through which the bolt 8 passes, which permits the wings to be adjusted and set so that their edges will coincide with the diverging edges of the points as shown in Fig. 3, or to extend to the upper end of the parallel side edges of the point 5

as shown in Fig. 1. By thus changing the position of the wings, the sweep is adapted for different kinds of work.

The wings are held in adjusted position by means of a bolt 12 which passes through the shank 9 and through curved slots 13 in the wings near the upper ends thereof. A nut 14 screwed on the bolt securely holds the wings at adjustment, and upon loosening said nut, the wings may be spread apart or closed together as desired to suit the character of the work.

The sweep can be applied to any ordinary plow by fastening the shank 9 by means of the bolt 12 to the stock thereof. The parts comprising the sweep are few and simple which makes it easy and cheap to manufacture, and by the adjustment herein described the sweep is made to effectually serve the purpose for which it is designed.

What is claimed, is:—

A plow sweep comprising a shank provided with a forwardly extending offset at its lower end, a point on said offset in parallel relation to the shank and extending above the offset portion, a pivot pin extending through the upper end of the point and shank, a pair of wings each provided with an arcuate slot at its lower end having its center of curvature above the slot and adapted to receive said pivot pin and a second arcuate slot at its upper end having its center of curvature below the slot, and a bolt passing through the arcuate slots in the upper end of the wings and adapted to hold said upper ends in adjustment.

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

SAMUEL H. CARPENTER.

Witnesses:

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