

No. 841,530.

PATENTED JAN. 15, 1907.

T. J. JOHNSON.

PLOW.

APPLICATION FILED SEPT. 22, 1906.

Fig. 1.

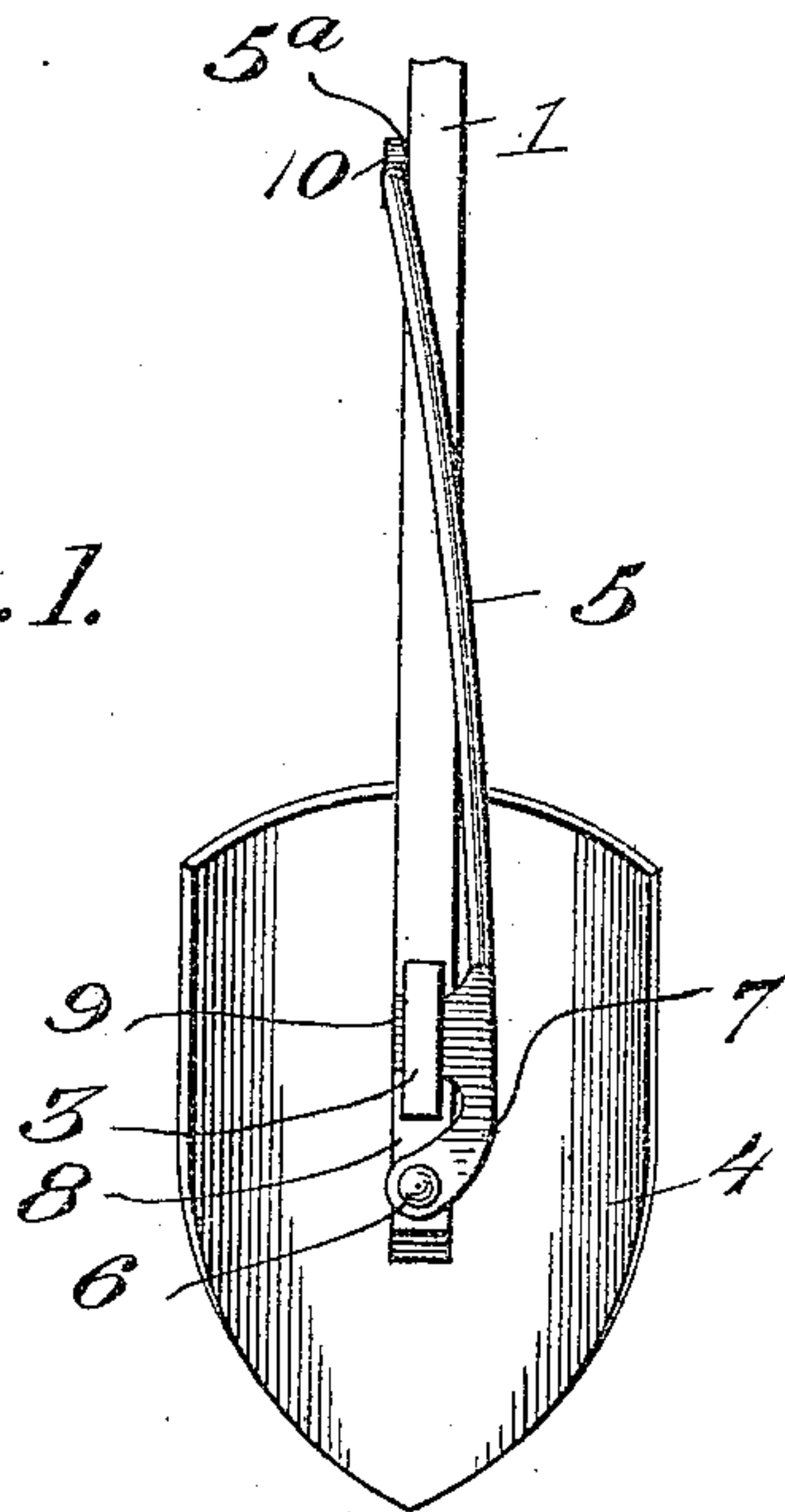
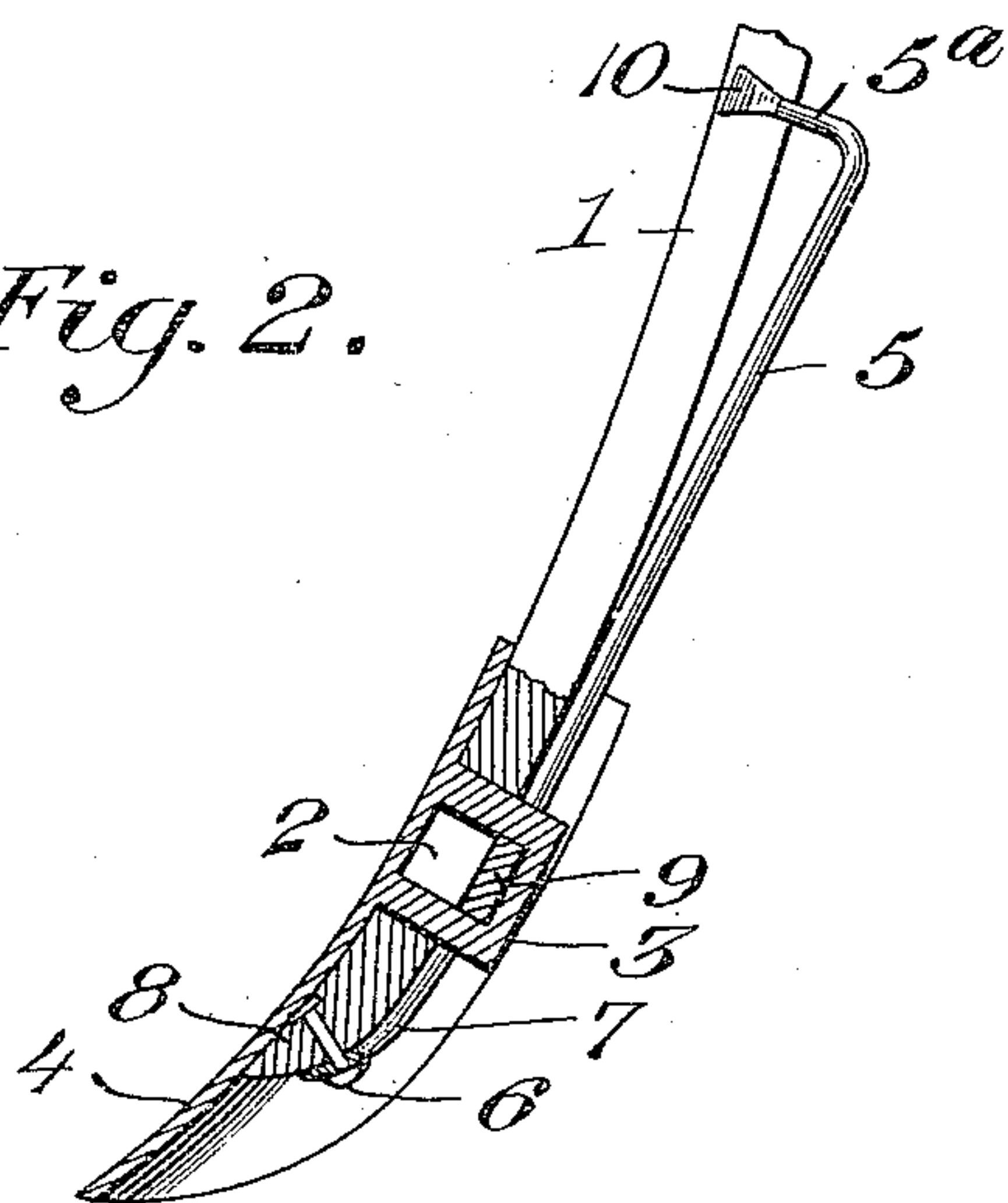


Fig. 2.



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THOMAS J. JOHNSON, OF ITALY, TEXAS.

PLOW.

No. 841,530.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS J. JOHNSON, a citizen of the United States, residing at Italy, in the county of Ellis and State of Texas, have invented new and useful Improvements in Plows, of which the following is a specification.

This invention relates to plows; and one of the principal objects of the same is to provide simple, reliable, and efficient means for holding the plow-point firmly in position upon the standard or foot without the use of bolts and nuts.

Another object of my invention is to provide a pivoted lever and key for holding a plow-point in place on the foot or standard and to provide means whereby the lever may be quickly operated to lock the same against accidental displacement and permit the same to be quickly disengaged from the plow-point.

These and other objects may be attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a rear elevation of the plow-point and showing the manner of attaching the same to the foot or standard of the plow. Fig. 2 is a detail sectional view taken through the plow-point, the foot of the plow-standard, and through portions of the locking-lever.

Referring to the drawings for a more particular description of my invention, the numeral 1 designates a plow-standard, which may be of the usual curved type and which is provided with a slot or opening 2 in the foot portion thereof to admit a loop 3, formed on or secured to the rear wall of the plow-point 4. A locking-lever 5 is connected to the standard 1 near its lower end by a rivet 6, said lever being bent outwardly, as at 7, and flattened to lie against the plain curved portion 8 of the foot of the standard. A laterally-projecting key or lug 9, designed to engage the loop 3 on the plow-point, is formed upon one side of the lever 5, and the shank of the lever extends upward away from the standard 1 and is provided at its upper end with an inwardly-extending arm 5^a, provided with a flattened catch 10, which engages the side of the standard 1 opposite the curved portion 7 of the lever 5 to hold said lever firmly in place with the plow-point locked to the foot of the standard.

Whenever it is desired to disengage the

plow-point from the foot of the standard, the catch 10 is moved backward sufficiently to pass the rear edge of the same, and the lever is then swung upon its pivot 6 to withdraw the key 9 from the loop 3.

From the foregoing it will be obvious that my invention is of simple construction, can be quickly operated to secure the plow-point in position on the standard-foot, is strong and durable, cannot get out of order with ordinary usage, and can be manufactured at comparatively slight cost.

Having thus described the invention, what I claim is—

1. In a plow, the combination of a standard having a slot therein, a plow-point having a loop upon its rear surface adapted to enter said slot and a lever pivoted to the foot of the standard and provided with a laterally-extending key to engage the loop on the plow-point and the upper end of said lever having a catch to engage the side of the standard, substantially as described.

2. A plow-point having a loop upon its rear surface, in combination with a standard provided with a slot through which said loop extends and a lever pivoted to the standard and provided with a laterally-projecting key to engage said loop, said lever being curved at its lower end and having a catch at its upper end to engage the side of the standard opposite to the curved portion of the lever, substantially as described.

3. A plow-point having means upon its rear surface to engage an opening in the standard and a pivoted lever provided with a key for locking the point to the standard, said lever having a catch for engagement with said standard, substantially as described.

4. A plow-point having an integral loop extending from the rear surface of the same, in combination with a standard, and a lever pivoted to the lower end of the standard and provided with a laterally-extending key to engage the loop on the plow-point, and the upper end of said lever being bent to engage the standard at the side opposite to that at which the key enters the loop.

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

THOMAS J. JOHNSON.

Witnesses:

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