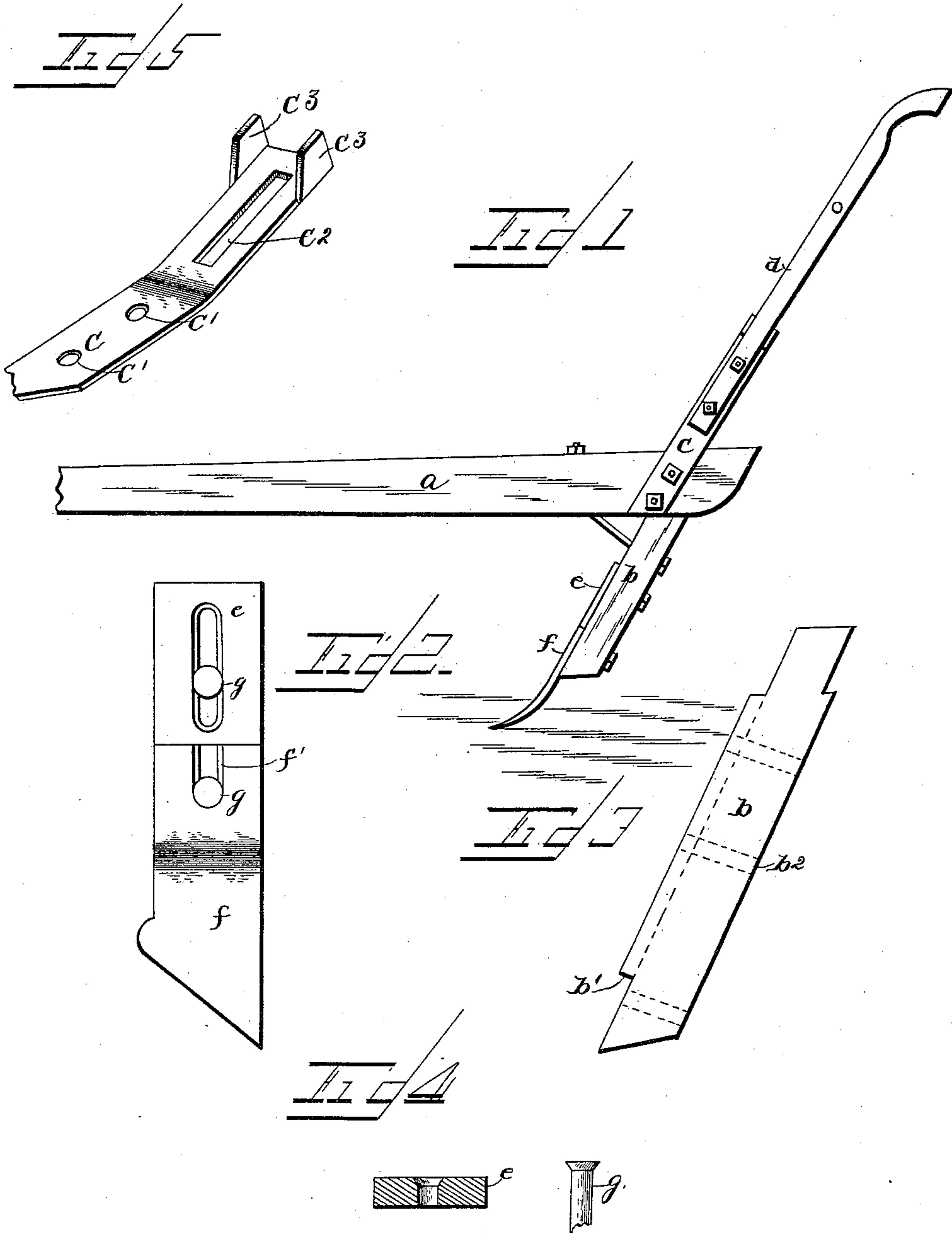


(No Model.)

T. J. FARISS.
PLOW.

No. 472,015.

Patented Mar. 29, 1892.



WITNESSES

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UNITED STATES PATENT OFFICE.

THOMAS J. FARISS, OF JUDSON, ASSIGNOR OF ONE-HALF TO JAMES B. CONINE, OF ALEXANDER CITY, ALABAMA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 472,015, dated March 29, 1892.

Application filed October 22, 1891. Serial No. 409,559. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. FARISS, a citizen of the United States, residing at Judson, in the county of Chambers and State of Alabama, have invented certain new and useful Improvements in Plows; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has relation to plows; and it consists in the novel construction and arrangement of its parts, as hereinafter set forth in this specification and the claim attached.

In the accompanying drawings, Figure 1 is a side elevation of the plow. Fig. 2 is a front view of the slotted plate and of the slotted plow-point and the heads of the securing-bolts. Fig. 3 is a side elevation of a plow-foot when constructed to be used without the slotted plate. Fig. 4 is a cross-sectional view of the slotted plate and a view of the securing-bolt. Fig. 5 is a perspective view of the handle-holders.

In the accompanying drawings, *a* is the plow-beam, and *b* is the foot.

c are the handle-holders, and *d* are the handles.

e is the slotted plate.

f is the slotted plow-foot.

g are the heel-bolts.

In the construction of an ordinary old-fashioned plow, which is still used to a very considerable extent in many portions of the country, the front part of the foot *b* is provided with a recess forming an abutment *b'*, against which the upper part of the plow-foot is adjusted, and while it keeps the foot from turning to the right or left it makes it unadjustable. To adapt this foot to my invention, I cut away the entire abutment, so that the front face of the foot presents a straight line up to the plow-beam. The plate *e* is provided with a vertical slot about three inches long, with its front edges beveled, so that the bevel-headed heel-bolt *g* may be countersunk in the same. This plate *e* is bolted to the front of the plow-foot by means of the

bolt *g* passing through the center perforation *b²* of said plow-foot. Thus said plate is adjustable up or down the full length of its slot, (three or more inches,) and a mold-board may be used the same as on a new plow, and a scraper may be used in the same manner as on a new plow. With the advantage of being able to move said plate up and down on the plow-foot, I can do any desired work without ever moving the point *f* upon the plow-foot.

The plate *e* is made of the body of an old plow of the proper shape, or may be made of cheap and inferior iron when intended to be sold as an article of manufacture. The slotted plow-point *f* is also made of any old plow-point that has been worn too short to be used without the plate. By slotting the top I gain one inch in the old plow; or it may be made of new material of any shape.

I do not claim any particular shape for the plate *e*. It may be in the shape of a shovel-plow and used above any standard of the proper width, and thus made to form a shovel-plow. An old shovel-plow properly slotted and beveled answers for this purpose, or it may be in the shape of a half-shovel and used above a common standard. An old half-shovel slotted and beveled will answer for this purpose, or it may be in the shape of a double-shovel plow and used above a common standard. An old double-shovel plow will answer this purpose, or it may be in the shape of a turning-scooter and used over a common standard. An old turning-scooter slotted and beveled will answer for this purpose. All of said plates *e* are about four inches in length and slotted about three inches. The fact that all these plates *e* and plow-points *f* can be made of bodies of worn-out plows brings great economy to the farmer, while with them he is at the same time enabled to form any desired plow shape. This plate *e* and plow-point *f* may not only be used on the old-fashioned plow-foot, but are as easily and advantageously used on the slotted plow-foot.

The handle-holders *c* are provided at their lower ends with perforations *c'* and at their upper ends with slots *c²* and ears *c³*. These handle-holders are secured one to each side of the plow-beam, and the handles are made to fit between the ears *c³* and are secured in

said holders by bolts passing through said handles and through said slots c^2 . Thus the said handles are held securely in position and are adjustable.

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

A plow consisting of the beam a , perforated foot b , plate e , having a vertical and beveled
10 slot, plow f , having the vertical and beveled

slot, bolts g , adapted to be countersunk in said slots, and handles c d , substantially as shown and described.

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

THOMAS J. FARISS.

Witnesses:

W. M. CONINE,

T. J. GANN.