(No Model.)

H. F. JESSUP.

PLOW.

No. 535,701. Patented Mar. 12, 1895.

Fig. 1

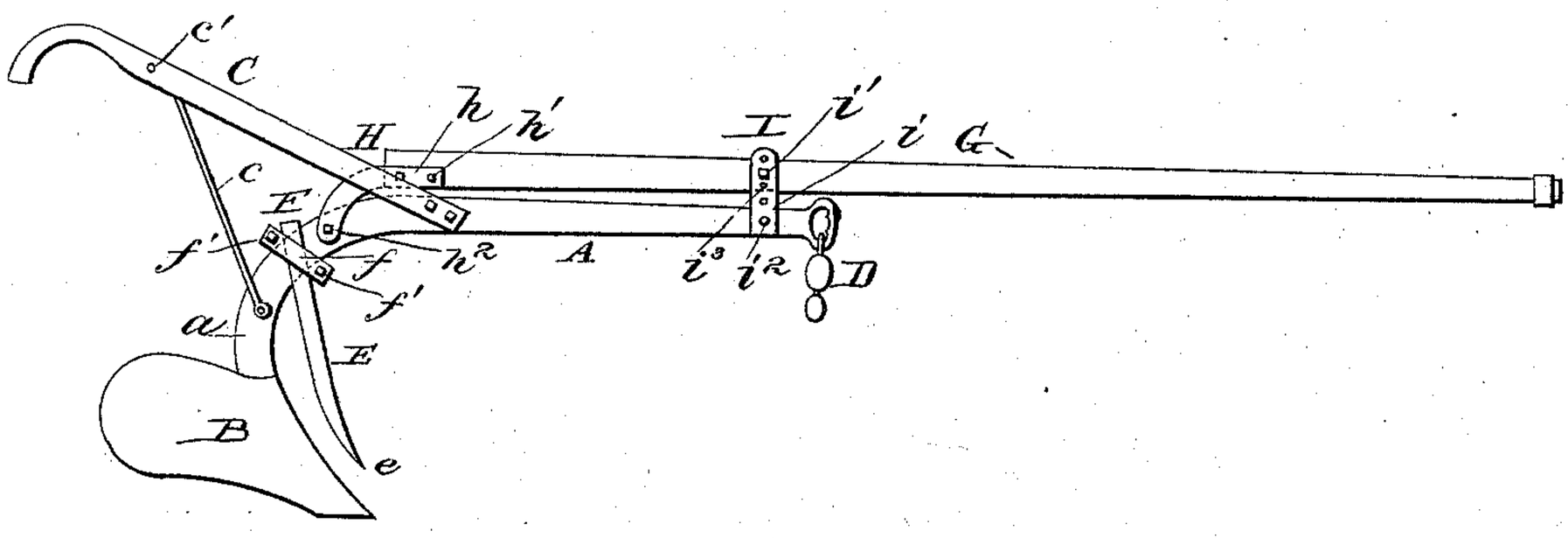


Fig. 2

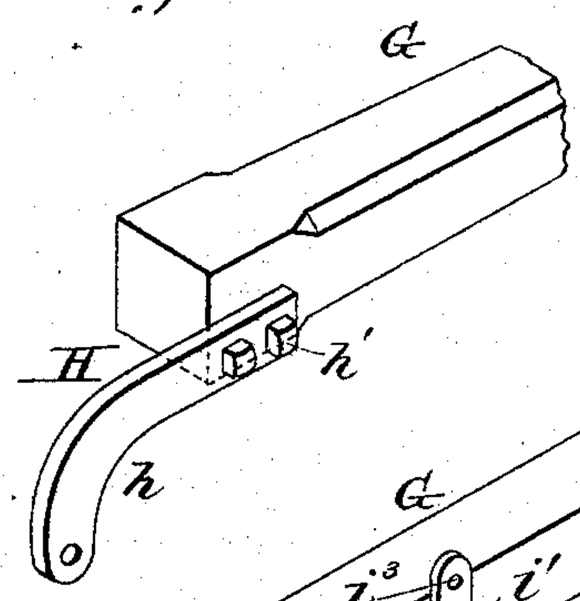
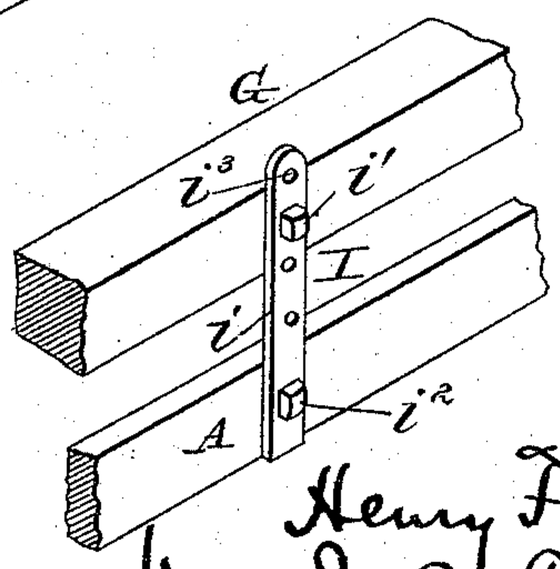


Fig. 3



Witnesses;
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UNITED STATES PATENT OFFICE.

HENRY F. JESSUP, OF NIXA, MISSOURI.

PLOW.

SPECIFICATION forming part of Letters Patent No. 535,701, dated March 12, 1895.

Application filed September 4, 1894. Serial No. 522,057. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. JESSUP, a citizen of the United States, residing at Nixa, in the county of Christian and State of Missouri, have invented certain new and useful Improvements in Plows; 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.

My invention relates to improvements in plows.

The invention will first be described in connection with the accompanying drawings and then particularly pointed out in the claim.

In the drawings—Figure 1 is a side elevation of a plow embodying my invention. Fig. 2 is a detail view of the rear fastening device for the tongue. Fig. 3 is a similar view of the front fastening device.

Referring to the drawings, A is a plow-beam preferably made integral with the stock *a* in the usual manner, the latter carrying the mold board or shovel B. To the beam, A, are secured a pair of handles, C, braced by rods *c* and connected by a cross piece *c'*.

The front end of the beam, A, is arranged for attachment of the doubletrees D in any suitable manner. To the beam, A, is also attached a colter E which curves forward and is provided with a sharp point *e* which cuts the sod in advance of the mold board. The colter E is capable of adjustment on the plow beam A by means of a clamp device F consisting of two flat strips *f* of metal held together by bolts *f'*, the strips being arranged one on each side of the beam and the top end of the colter inserted between the beam and one of said strips. To the beam is attached a tongue, G, by two fastening devices the rear one H, consisting of a curved strip *h* of metal, this strip being attached to one side of the tongue by suitable bolts *h'*. The strip *h* is secured to the plow beam by a bolt h^2 which passes through the end of the strip *h* and through a hole in the plow beam.

The front fastening device I consists of a straight strip *i* secured to the tongue on the same side to which the strip *h* is attached, by means of bolts *i'*. The strip *i* is fastened to the plow beam near its front end by a bolt, i^2, which passes through the end of the strip, *i*, and through the plow beam.

It is to be observed that the strip *i* is provided with a series of holes, as shown at i^3 in order to permit the adjustment in a vertical plane of the tongue, with relation to the plow beam. By this means the plow can be made to run shallow or deep as desired. Furthermore, attention is called to the fact that the strips *h* and *i* are attached to the right hand side of the tongue in a right hand plow, and to the left hand side of the tongue, in a left hand plow, and are secured to the same side of the plow beam. In other words, the strips *h* and *i* are on the same side of the tongue and the beam as the mold board. In this way the line of draft is kept somewhat further away from the mold board than the point of attachment of the tongue, whereby, in case the mold board strikes a root or stone, the leverage of the tongue is better applied to keep the plow from jumping sidewise than if the tongue attachments were in a direct line of the draft.

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

In a walking plow, the combination, with a plow beam, of a tongue, a strip of metal provided with a series of holes, a bolt passing through one of the holes and secured in the tongue, a bolt passing through the lower end of the strip of metal and through the plow beam, and a curved strip of metal secured to the rear end of the tongue and to the plow beam, said strip of metal being secured to that side of the beam and tongue on which the mold board is located, substantially as and for the purpose set forth.

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

HENRY F. JESSUP.

Witnesses:

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