(No Model.)

P. JACKSON.

PLOW.

No. 583,057. Patented May 25, 1897.

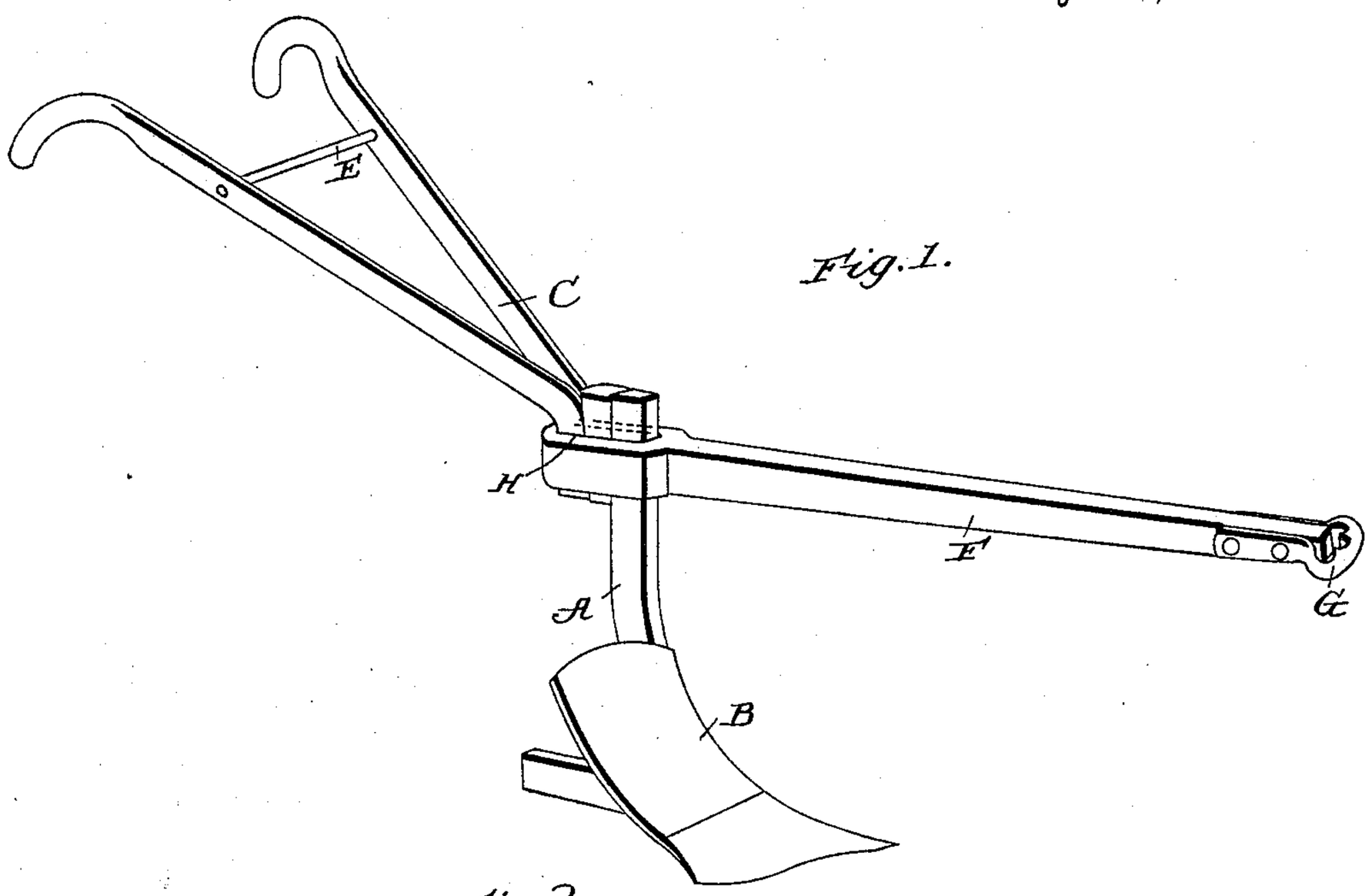


Fig. 1.

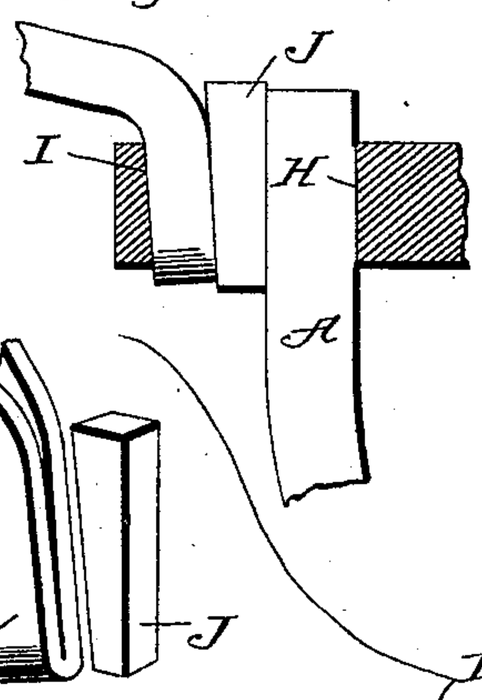
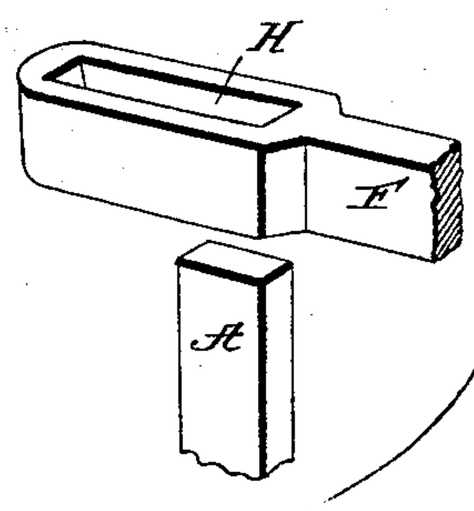


Fig. 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

PETER JACKSON, OF GREENVILLE, MISSISSIPPI.

PLOW.

SPECIFICATION forming part of Letters Patent No. 583,057, dated May 25, 1897.

Application filed March 19, 1897. Serial No. 628,322. (No model.)

To all whom it may concern:

Be it known that I, PETER JACKSON, a citizen of the United States, residing at Greenville, in the county of Washington and State of Mississippi, 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.

My invention relates to improvements in plows, and it contemplates the provision of a strong and durable construction whereby the standard and handles of a plow are connected to the beam thereof in such a manner that the parts may be readily disconnected when desired, although not liable to casual disconnection, and may be as readily connected together again.

Other objects and advantages of the invention will be fully understood from the following description and claims when taken in conjunction with the annexed drawings, in which—

Figure 1 is a perspective view of a plow constructed in accordance with my invention. Fig. 2 is a detail enlarged section illustrating the manner in which the beam, standard, and handles are connected; and Fig. 3 comprises detail perspective views of portions of the handles, beam, and standard together with the wedge-key.

In the said drawings similar letters designate corresponding parts in all of the several views, referring to which—

A indicates the standard of a plow B, which is preferably formed of iron and is of a rectangular form in cross-section.

C indicates handles which form parts of a piece of metal bent upon itself at its middle to form the bight or loop D and which are preferably connected and braced by a cross-rod E, and F indicates the plow-beam, which is also preferably cast or otherwise formed of metal. This beam F, which may be equipped at its forward end with the usual clevis G, is provided at its rear end with the elongated eye H, which is preferably rectangular in form, as shown, and has its rear end wall slightly inclined downwardly and forwardly, as better shown in Fig. 2 and indicated by I.

The standard A and the bight or loop D of the piece of metal forming the handles C are placed in the eye H of the beam F, as shown in Fig. 2, and are securely fastened therein by the wedge-key J, which is interposed and driven down between said standard and bight or loop, so as to bind the former against the front wall of the eye and the latter against the rear wall of the same, as illustrated. By this connection, which may be quickly and easily effected without the aid of any implement except a hammer, the standard and handles may be securely fastened to the beam in such a manner as to securely hold them in their proper operative positions and effectually prevent them from being casually disconnected from the beams. When, however, it is desired to disconnect either of said parts for repair or other purposes, such disconnection may be readily effected by striking the lower end of the wedge-key with a hammer until the same is loose, when it may be readily lifted from between the standard and the bight or loop, and said standard and bight or loop may be readily removed from the eye in the beam.

From the foregoing it will be appreciated that my improved connection while very strong, durable, and reliable is exceedingly cheap, and that with it a connection of the beam, standard, and handles may be effected without the employment of any implement other than an ordinary hammer, and that said parts may be as readily disconnected when desired. It will also be appreciated that when any one of the parts mentioned is worn or broken it may be readily removed and replaced by a new part without injury to the other parts.

I have described the handles C as being formed by a piece of metal bent upon itself, because the same is a preferable construction. I do not desire, however, to be understood as confining myself to such construction, as, when desired, the handles C may terminate or may be connected to a piece of metal adapted to be inserted in the eye of the beam in the same manner as the bight or loop D.

Having thus described my invention, what I claim is—

1. In a plow, the combination of a beam having an elongated, vertically-disposed eye

adjacent to its rear end, the plow-standard arranged in said eye, the handles terminating at their lower, forward ends in a portion arranged in the eye, and a wedge-key interposed between the standard and terminal portion of the handles and binding the same against the opposite end walls of the beam-eye, substantially as specified.

2. In a plow, the combination of a beam having an elongated, vertically-disposed eye adjacent to its rear end; said eye having its rear end wall slightly inclined downwardly and forwardly, the plow-standard arranged in the forward portion of said eye, the piece of metal bent upon itself to form handles and having the bight or loop arranged in the rear portion of the eye and against the inclined wall thereof, and the wedge-key interposed between the standard and terminal bight or loop of the handles and bending the same against the opposite end walls of the beam-eye, substantially as specified.

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

PETER JACKSON.

Witnesses:

MERRIMAN WILLIAMS,

G. CAUSTE.