J. PIERPONT.

CULTIVATOR.

No. 171,420. Patented Dec. 21, 1875.

Fig. 3.

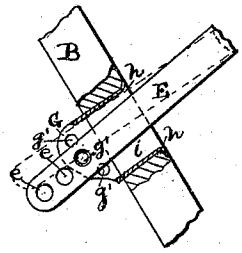


Fig. 2.

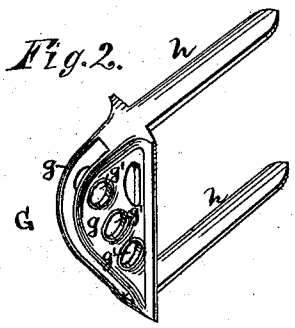
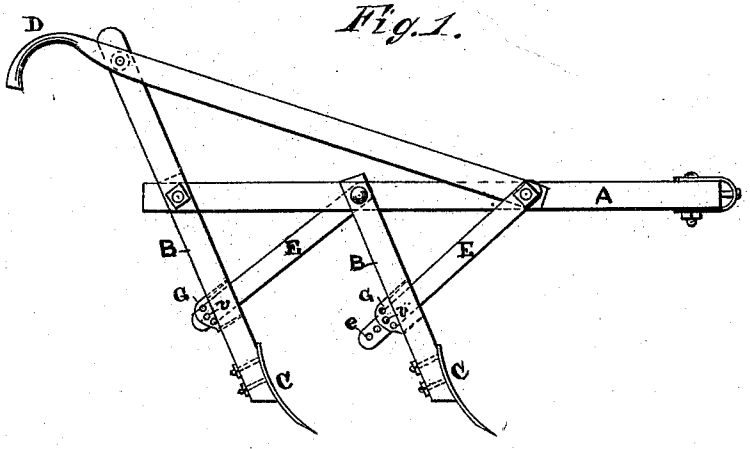


Fig. 1.



Witnesses.

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UNITED STATES PATENT OFFICE.

JOSHUA PIERPONT, OF BUSHNELL, ILLINOIS.

IMPROVEMENT IN CULTIVATORS.

Specification forming part of Letters Patent No. **171,420**, dated December 21, 1875; application filed November 6, 1875.

To all whom it may concern:

Be it known that I, JOSHUA PIERPONT, of Bushnell, county of McDonough and State of Illinois, have invented certain Improvements in Cultivators; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in braces for the standards of cultivator-plows; and the invention consists, first, in constructing the metallic block through which the brace passes with a vertical series of holes for the connecting-pin, by means of which small degrees of adjustment may be effected; and, second, in improvements in the manner of securing said blocks to the standards, all as hereinafter fully described.

Figure 1 in the drawings is a side elevation of a cultivator-plow embodying my invention. Fig. 2 is a perspective view of one of the blocks, alone. Fig. 3 is a vertical sectional view through the block, and a side elevation of portions of a plow, enlarged.

Referring to the drawing by letters, letter A represents the beam, B B the standards, C C the shovels, and D the handles, of an ordinary cultivator-plow. E is the standard-brace, its upper end secured by a bolt to the side of the beam A, and its lower end perforated with a series of holes, *e*. G is a metallic block, slotted from front to rear for the passage of the brace E, its front side adapted to fit against the rear side of the standard B, and its rear side having projecting lugs *g*, which are pierced with a vertical series of holes, *g'*. *h h* are prongs projecting forward from the upper and lower sides of the block G. The block G is placed on the rear side of the standard B, with the brace-slot coinciding with a slot, *i*, through the standard, and the prongs *h*, projecting through the slot *i*, may be turned down, as shown at Fig. 3, to secure the block in place without screws or other fastenings.

The ordinary wooden break-pin *v* may be used to secure the brace E in the block G, and it will be evident from the dotted-line illustrations at Fig. 3 that, by using the break-pin in the same hole in the brace E and different holes of the series in the lugs *g*, very slight degrees of adjustment of the standards may be effected, and by also using the different series of holes *e* in the brace, other and greater degrees of adjustment may be effected.

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

1. The block G, constructed, as described, with lugs *g*, series of holes *g'*, and prongs *h*, substantially as and for the purpose specified.

2. The block G, having prongs *h* and lugs *g*, with a series of holes, *g'*, combined for operation with the brace E, pin *v*, standards B, and plow-beams A, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my invention I have hereunto affixed my signature.

JOSHUA PIERPONT.

Witnesses:
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