H. ESTES.

Plow-Clevis.

No. 208,899. Patented Oct. 15, 1878.

FIG. 1.

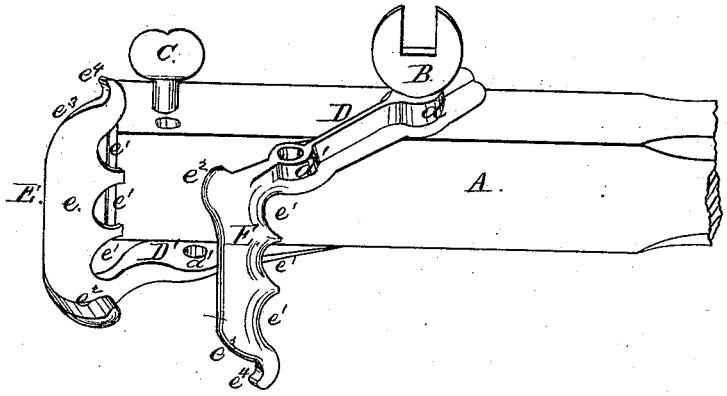
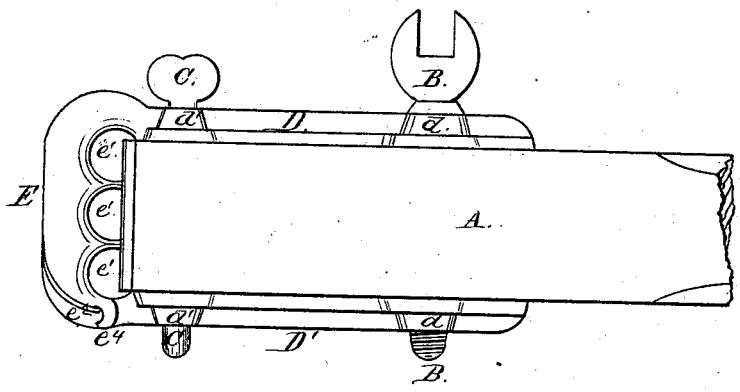


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENDERSON ESTES, OF BOLTON'S DEPOT, MISSISSIPPI.

IMPROVEMENT IN PLOW-CLEVISES.

Specification forming part of Letters Patent No. **208,899**, dated October 15, 1878; application filed February 11, 1878.

To all whom it may concern:

Be it known that I, HENDERSON ESTES, of Bolton's Depot, Hinds county, in the State of Mississippi, have invented certain new and useful Improvements in Plow-Clevises, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification:

My improvement consists in making the clevis in two parts, which are separable from each other, the front bar having an overlapping joint, which fits over the other. The clevis is pivoted to the main bolt, on which it turns.

In the drawings, Figure 1 is a perspective view, showing the clevis open for the reception of a ring or link. Fig. 2 is a side view, showing the clevis closed in position for use.

A is the end of the beam of the plow or other implement. The clevis is attached to the beam by a bolt or rivet, B, passing through both parts of the clevis and through the beam, and is secured in position upon the beam by a removable pin, C, also passing vertically through both parts of the clevis and through the beam. The clevis consists of two parts, D and D′, similar to each other in every respect, except that one of them, D′, is provided with a screw-threaded hole to receive the screw-threaded end of the bolt B when a screw-bolt is used.

A description of one of the parts D or D′ applies equally to the other as far as any novelty is concerned. *d* is the hole for the rivet or screw B, and *d′* is a hole through which the key-pin C passes.

E is the vertical portion of the clevis, made flat upon one side, at *e*, to fit the flat portion of the other part. It has the usual recesses to hold the draft-link or the loop-strap of the single or double tree at any height.

e^2 is a projection or lip, which stands out at right angles to the flat part *e*, and which fits the end e^3 of the other part. e^4 is a hook which engages the projection e^2. Thus the draft-strain is brought directly upon the horizontal bars of the clevis both at top and bottom.

When removing a link, &c., from the clevis it is only necessary to take out the pin C and turn the parts D D′ to one side, and, the link being moved above or below the lap-joint, the parts are separated, as shown in Fig. 1, and the link removed. With this style of clevis a rivet, B, would answer as well as a screw-bolt, because it is not necessary to remove the clevis for any purpose, and it becomes a fixed attachment to the plow, that can be neither lost nor stolen.

I claim as my invention—

1. The two-part clevis D D′, separable from each other at the lap-joint at E, and pivoted to the beam by the main bolt B, substantially as set forth.

2. The combination, in a clevis, of the two parts D D′, with lap-joint at E and catches e^2 e^4, for the purpose set forth.

HENDERSON ESTES.

Witnesses:
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