(No Model.)

R. McC. SHERROD.

PLOW COLTER FASTENING.

No. 464,525. Patented Dec. 8, 1891.

Fig. 1.

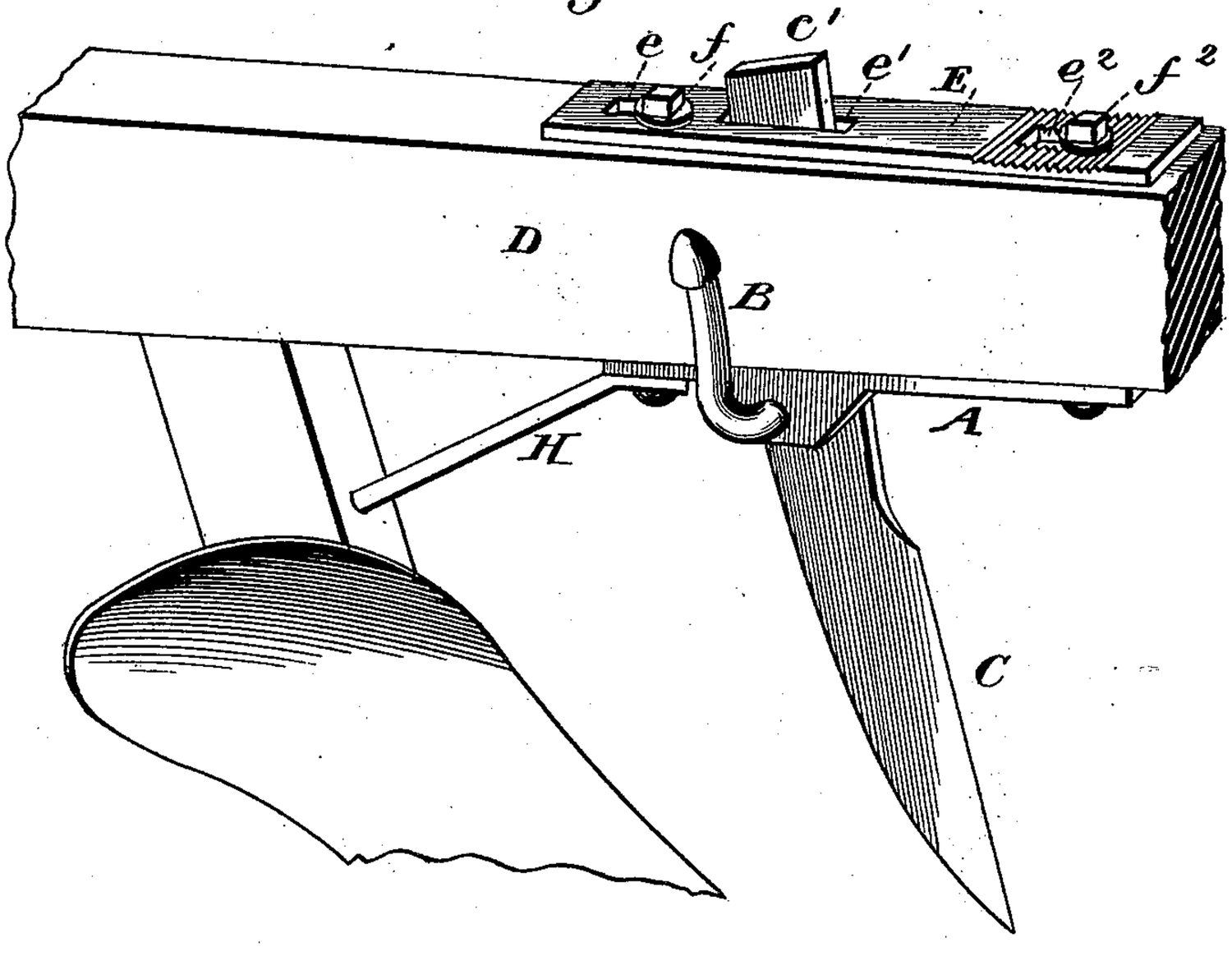


Fig. 2.

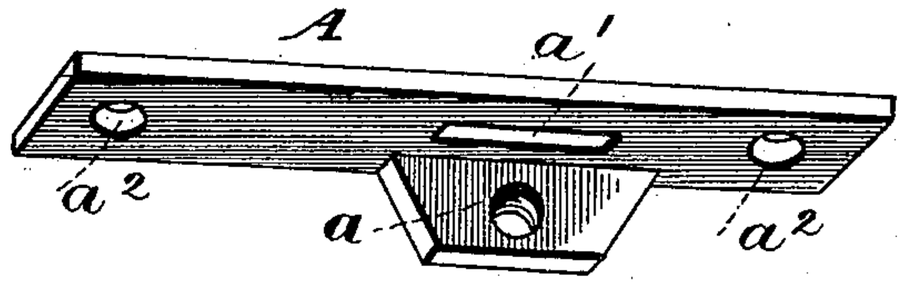
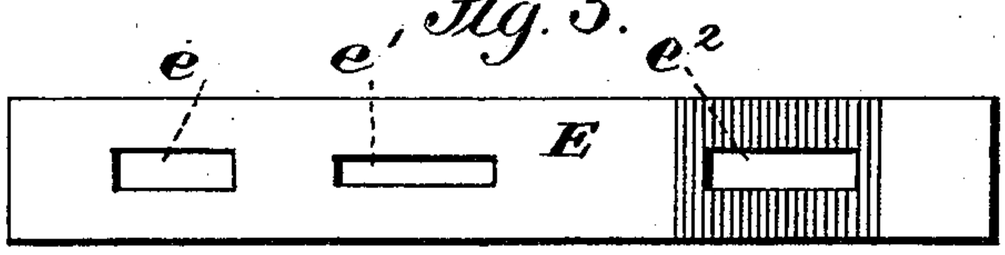


Fig. 3.



Witnesses.
A. Ruppert A.
H. A. Daniels

Inventor:
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Per
Thomas P. Simpson
atty

UNITED STATES PATENT OFFICE.

RUFUS McCULLOUGH SHERROD, OF BELL'S DEPOT, TENNESSEE, ASSIGNOR TO WILLIAM W. SHERROD, OF SAME PLACE.

PLOW-COLTER FASTENING.

SPECIFICATION forming part of Letters Patent No. 464,525, dated December 8, 1891.

Application filed April 30, 1891. Serial No. 391,134. (No model.)

To all whom it may concern:

Be it known that I, RUFUS MCCULLOUGH SHERROD, a citizen of the United States, residing at Bell's Depot, in the county of Crockett and State of Tennessee, have invented certain new and useful Improvements in Plow-Colter Fastenings; 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.

The invention relates to the colters or knives which are arranged in front of plows to cut sods, roots, and other vegetable obstructions on or in the ground; and it consists in the particular means which I employ to secure them adjustably in position on the plow-beam.

Figure 1 of the drawings is a perspective view of a plow with a colter secured to the plow-beam by the combination of instrumentalities which constitute my invention; Fig. 2, a detail perspective view of the plate which I screw or bolt to the under side of the plow-beam, and Fig. 3 a plan view of the plate which is bolted to the upper side of the plow-beam.

In the drawings, A represents the under plate, which has on one side of its bottom an integral nut *a*, in which works the screw against the shank of a colter C, that passes up through a mortise *d* in the plow-beam D, as well as through the slot *a'* of the under plate, the latter being also provided with bolt-holes a^2 a^2.

E is the top plate, having the three slots *e* e' e^2, through the first and last of which pass the screws *f* f^2, while through the middle one e' passes the colter-shank *c'*. By loosening the screws B *f* f^2 the plate E may be moved back or forward and allow any desired pitch to be given to the colter and there held by tightening said screws, the lower side screw B effectually preventing any lateral play to the colter.

I may make serrations across the slots *e* e^2, as shown about the slot e^2, so that the head of screw may take a better hold on the plate on the plate E; but it is not probably necessary. One of the screws a^2 a^2, which hold the plate A, is utilized to hold one end of the brace H, whose other end is made fast to the plow-standard, as shown in Fig. 1 of the drawings.

What I claim as new, and desire to protect by Letters Patent, is—

The combination, with a vertically-slotted plow-beam, of the bottom plate A, having screw-threaded lip *a* and slot *a'*, the screw B, and the top plate E, the latter having two slots *e* e^2, through which pass fastening-screws and the median slot e' for the colter, all substantially as shown and described.

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

his
RUFUS McCULLOUGH × SHERROD.
mark

Witnesses:
J. H. LEGGETT,
W. S. SHERROD.