(No Model.)

R. A. MOORE.

COLTER CLAMP.

No. 397,138. Patented Feb. 5, 1889.

Fig 1

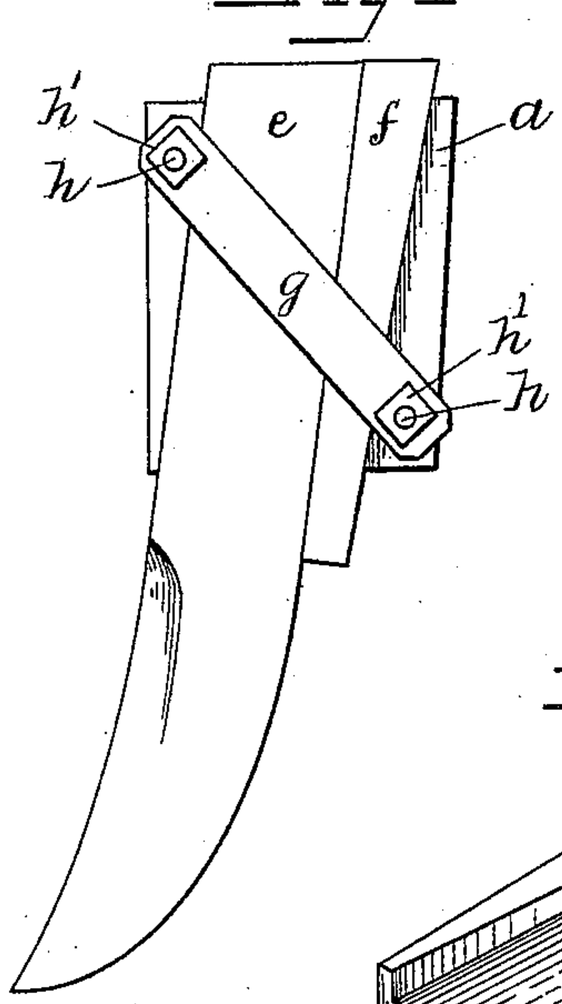


Fig. 2.

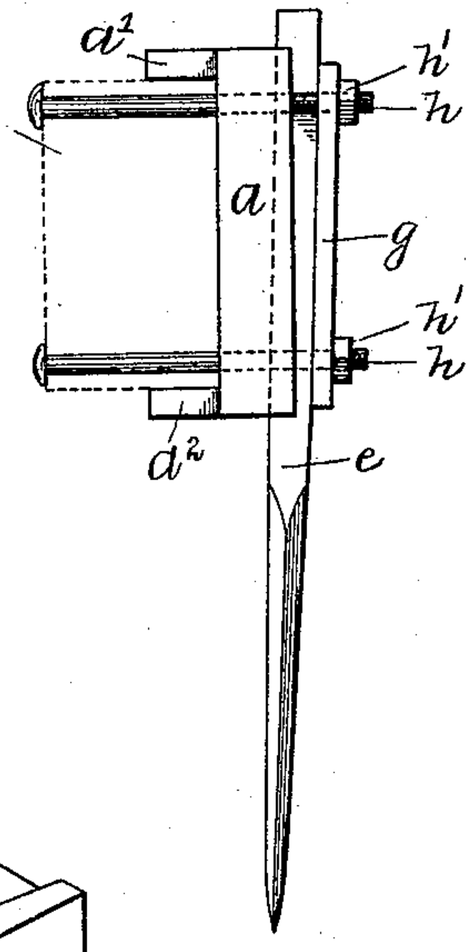


Fig. 3.

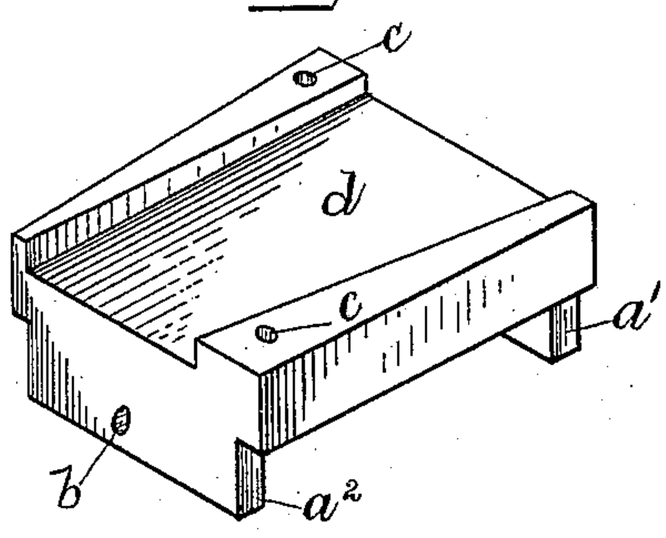


Fig 4

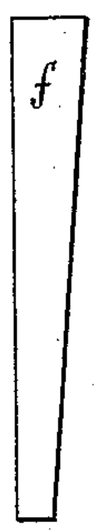


Fig. 5.

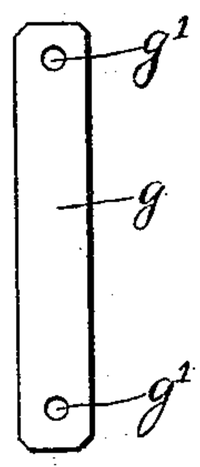
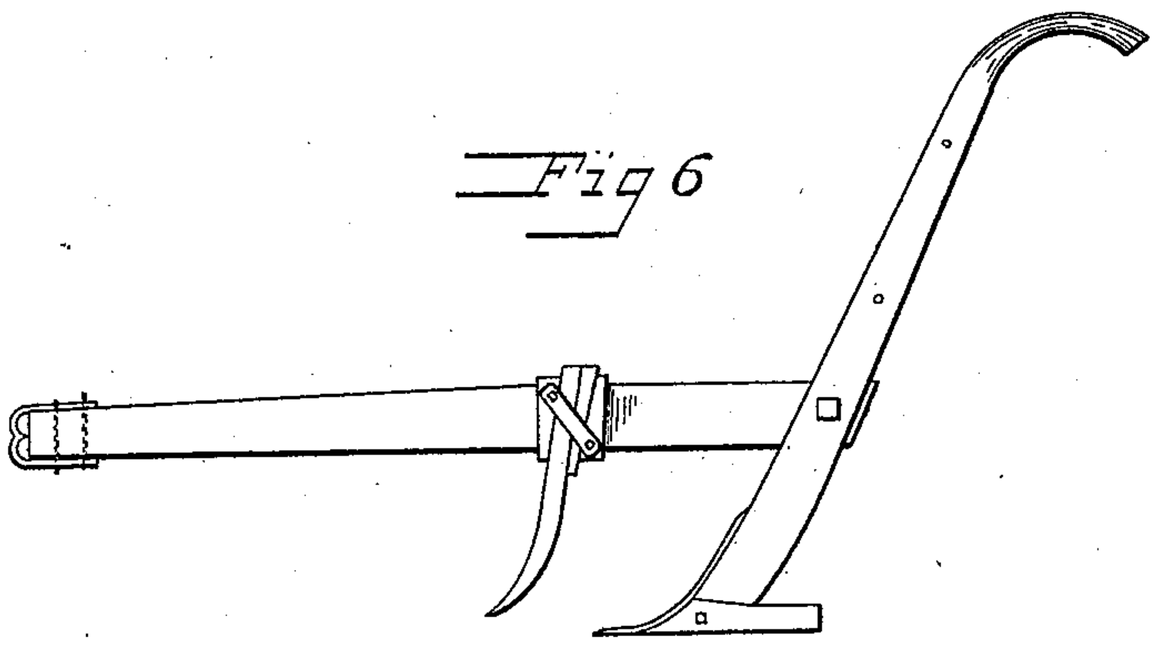


Fig 6



Witnesses,
R. A. Balderson.
M. E. Lansdale.

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By John S. Duffie
His Attorney.

UNITED STATES PATENT OFFICE.

RIPLEY A. MOORE, OF HICKORY PLAINS, ARKANSAS.

COLTER-CLAMP.

SPECIFICATION forming part of Letters Patent No. 397,138, dated February 5, 1889.

Application filed October 24, 1888. Serial No. 289,014. (No model.)

To all whom it may concern:

Be it known that I, RIPLEY AUGUSTUS MOORE, a citizen of the United States, residing in Hickory Plains township, in the county of Prairie and State of Arkansas, have invented certain new and useful Improvements in the Mode of Fastening a Colter on a Plow-Beam; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention has relation to colter-fasteners; and it consists in the novel construction and arrangement of its parts.

In the accompanying drawings, Figure 1 is a face view of my colter-fastener with a colter secured therein. Fig. 2 is an edge view of Fig. 1. Figs. 3, 4, and 5 are detail views. Fig. 6 is a view of a plow-stock with my colter-fastener attached thereto.

My invention is described as follows: A plate, *a*, is made to fit against the left side of the plow-beam, and has flanges a' a^2, flange a' fitting on the upper face of said beam and flange a^2 fitting against the lower face of said beam. Said flanges are provided with perforations *b* to receive screws which are intended to penetrate the upper and lower faces of said beam, and thereby assist in securing said plate in place. Said plate is further provided with bolt-holes *c*, one in the upper forward corner and the other in the lower rear corner of the same. The outer face of said plate is provided with a groove, *d*, to receive the colter *e* and the wedge *f*. The said colter and wedge are thicker than said groove is deep at the end, so that they may be securely bound in place by the binding-bar *g*. The said binding-bar *g* has bolt-holes g' in both ends, which fit over the bolt-holes *c* in the said plate *a*. Said binding-bar is further held in place on the beam of the plow-stock by means of bolts *h*, which pass first through said plow-beam, thence through said plate *a*, thence through said binding-bar *g*, and are secured by nuts h'. The said groove *d* is deeper at its lower than at its upper end, thus inclining the point of the colter to the right, bringing it immediately in front of the plow-point. By turning the flanges in the other direction and cutting the groove on the opposite face of the plate the said fastener may be made to fit on the right side of the plow-beam. Where the plow-beam is of iron, the bolt-holes may be made a little higher up, and a little lower down through said plate, so that the said bolts may work against the upper and lower faces of said beam without passing through the same.

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

The combination, with a plow-stock, of the plate *a*, having the perforated flanges a' a^2, the groove *d*, deeper at its lower than at its upper end, and the bolt-holes *c*, the perforated binding-bar *g*, wedge *f*, fitting in said groove *d* and against the rear edge of the colter, bolts *h*, passing through said beam or against the upper and lower faces of the same through said plate *a* and bar *g*, and nuts h', all adapted to be attached to said beam and carry said colter, substantially as shown and described.

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

RIPLEY A. MOORE.

Witnesses:

S. J. JOHNSON,

HORACE G. DALE.