M. M. HUBBY.

Post Hole Auger.

No. 233,931. Patented Nov. 2, 1880.

Fig. 1.

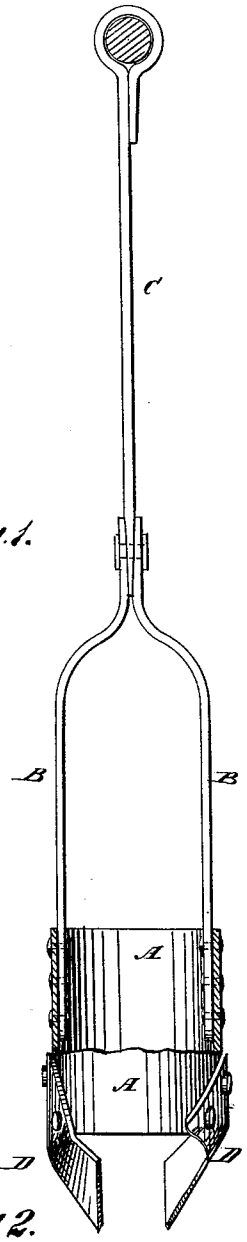
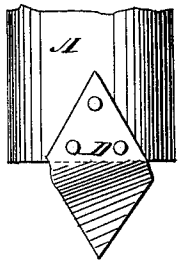


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MEAD M. HUBBY, OF MAYSFIELD, TEXAS.

POST-HOLE AUGER.

SPECIFICATION forming part of Letters Patent No. 233,931, dated November 2, 1880.

Application filed February 20, 1880.

To all whom it may concern:

Be it known that I, MEAD MILAM HUBBY, of Maysfield, in the county of Milam and State of Texas, have invented a new and useful Improvement in Post-Hole Augers, of which the following is a specification.

Figure 1 is a side view of my improved post-hole auger, partly in section to show the construction. Fig. 2 is a side view of the lower part of the same turned one-quarter around.

The object of this invention is to furnish an improved post-hole auger which shall be so constructed that it will bore post-holes easily and quickly in any kind of gravelly, clayey, or sandy soil, and which shall be simple in construction, inexpensive in manufacture, and convenient in use.

The invention consists in the diamond-shaped cutters having their projecting lower halves twisted, their points bent inward slightly, and their forward edges beveled, as hereinafter fully described.

Similar letters of reference indicate corresponding parts.

A represents an iron tube twelve inches (more or less) in length and eight inches (more or less, according to the desired size of the post-hole) in diameter. To the opposite sides of the upper part of the tube A are securely riveted the lower ends of two bars, B, the upper ends of which are curved inward and upward and are riveted or bolted to the lower end of a bar, C. The upper end of the bar C has an eye formed in it to receive a wooden handle.

D are the cutters, which are made diamond-shaped, and their upper halves are securely riveted to the opposite sides of the lower part of the tube A. The lower parts of the cutters D are twisted, and their points are slightly bent inward to give them a proper shape to work their way into the soil. The forward edges of the lower halves of the cutters D are beveled to an edge to cause them to pass through the ground easily.

With this construction the auger will work its way easily and rapidly into any kind of soil, will bring the soil with it when raised out of the ground, and may be easily emptied without its being necessary to invert it for that purpose.

I am aware that it is not new to twist the part of bits below the holder, bend the same inwardly, and join their points into one screw-point; but

What I claim is—

The cutters D, having about one-half their length twisted and projected beyond the tube-holder, the points being bent slightly inward and the forward edges beveled, as shown and described.

MEAD MILAM HUBBY.

Witnesses:

JAKE SUMMERVILLE,

P. W. JEUNHAM.