

(No Model.)

W. A. McCOY.
WEED CUTTER, &c.

No. 500,932.

Patented July 4, 1893.

Fig. 1.

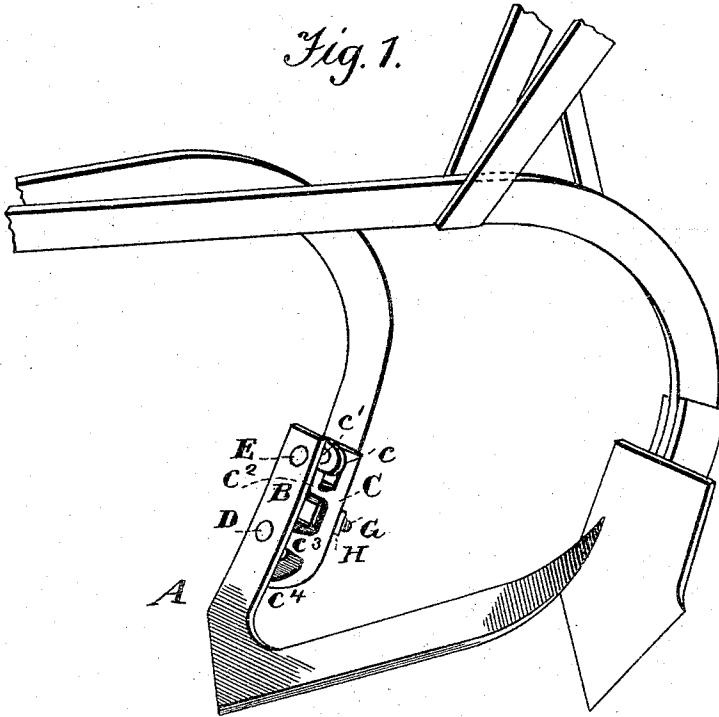


Fig. 2.

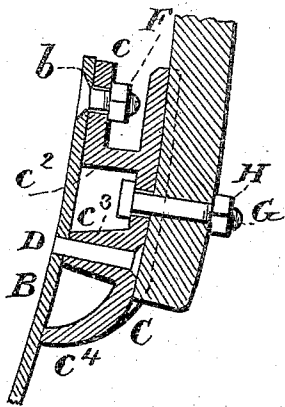
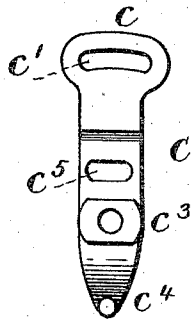


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM A. MCCOY, OF BEMAN, KANSAS.

WEED-CUTTER, &c.

SPECIFICATION forming part of Letters Patent No. 500,932, dated July 4, 1893.

Application filed October 25, 1892. Serial No. 449,964. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. MCCOY, a citizen of the United States, residing at Beman, in the county of Morris and State of Kansas, have invented certain new and useful Improvements in Weed-Cutters for Plows or Cultivators; 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 special object of the invention is to make certain improvements on my weed cutter described in Patent No. 474,399, granted May 10, 1892.

My improvements consist first in dispensing with the thumbscrew shown and described in that patent on the face of the knife and substituting a slotted casting for the slot in the knife, the advantage being that the knife may be adjusted vertically, horizontally or laterally; I also turn the outer end of the knife "down," instead of "up" as shown and described in my former patent, the reason being that it will clean trash better and work more completely in the ground.

Figure 1 of the drawings, is a perspective view, showing my improvements in connection with a weed cutter on a shovel plow or cultivator. Fig. 2 is a vertical section of the shovel, block and standard. Fig. 3 is a detail perspective view of my cast iron connector between the weed cutter and the plow-standard.

In the drawings, A represents the blade of the weed cutter which is straight for about two thirds of its distance from the shank B when it turns backward and downward toward the end.

C is my casting or connector.

The shank B and connector C are attached together by means of the pivot D and screw E, both having a head countersunk in the

shank B, to give the weed cutter a smooth working face. The pivot has a similar head countersunk in the bottom of the casting C which is preferably made concaved to fit around the plow-standard, but may be made of any shape to suit the plow-standard to which it is to be secured. The casting C has a rear support *c* in the form of a plate cross-slotted at *c'* and sustained by the projection *c²*, the two parts *c'* *c²* forming a right angle. The clamp-nut F screws on the end of screw E after it has passed down through the countersunk hole *b* in the knife shank and through the slot *c'* of the casting, while, by loosening the said nut, the knife may be moved laterally and turns on the pivot D which passes through projection *c³*.

c⁴ is an end-projection of the casting which, with the projections *c²* *c³*, serves to contact with and support the shank B.

c⁵ is a cross-slot across the middle of the casting to receive a screwbolt G which, with a nut H, attaches the casting to the standard of a plow or cultivator.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

The casting C cross-slotted at *c⁵* and having three projections *c²* *c³* *c⁴* to support the cutter shank of a weed-cutter, one projection being right-angled and slotted across at *c'* and another carrying the pivot D extending above its free end as shown and described, for the purpose set forth.

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

WILLIAM A. MCCOY.

Witnesses:

G. W. BOND,
MILTON F. BOND.