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S. S. ROSE ET AL
CULTIVATOR ATTACHMENT

Filed August 22, 1925

Fig. 1.

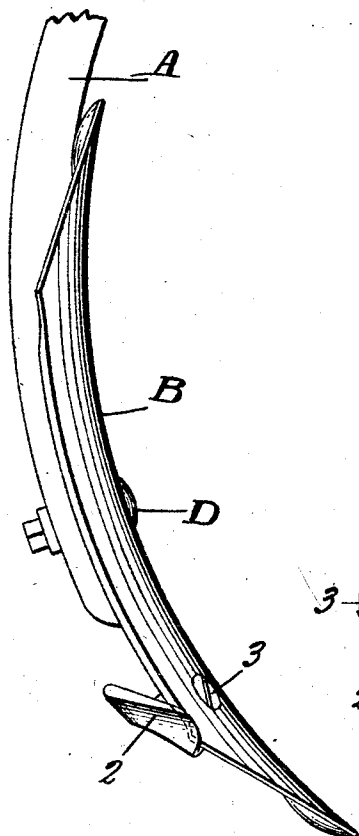


Fig. 2.

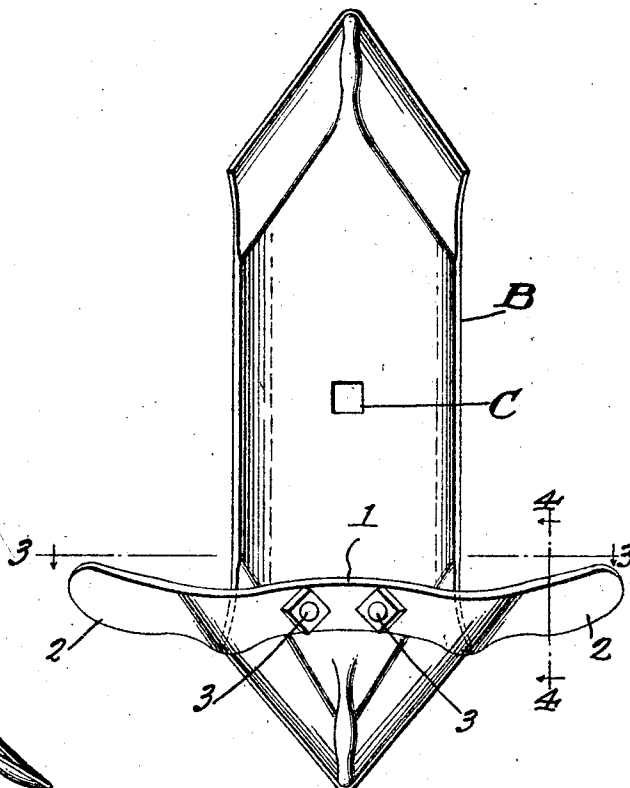


Fig. 3.

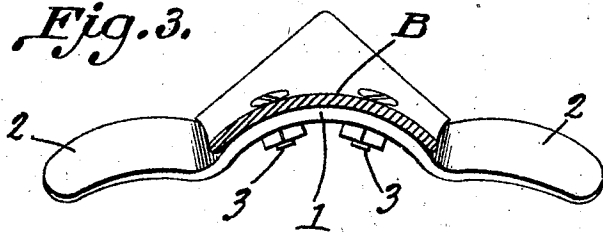


Fig. 4.



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CULTIVATOR ATTACHMENT.

Application filed August 22, 1925. Serial No. 51,778.

This invention relates to an attachment for cultivators whereby weeds can be cut under the surface of the soil whether or not the cultivation is deep or shallow, one of the objects of the invention being to provide a simple and efficient form of device which can be readily applied to a cultivator point.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings,

Figure 1 is a side elevation of a cultivator point having the present improvements combined therewith, a portion of the standard of a cultivator being also shown in elevation.

Figure 2 is an elevation showing the back of the point with the attachment applied thereto.

Figure 3 is a section on line 3—3 Figure 2.

Figure 4 is a section on line 4—4 Figure 2.

Referring to the figures by characters of reference A designates a portion of a cultivator standard to which is connected a cultivator point B which is reversible and provided with a central opening C for the reception of a bolt D.

The structure constituting the present invention comprises an arched metal strip 1 adapted to fit snugly against the concave back face of the point B and provided, at its end, with wings 2 in the form of blades the front edges of which are sharpened.

These wings are in a plane substantially horizontal when the point B is in use. This results from imparting a twist to the strip 1 at the ends of the arched portion thereof. The cutting edges are preferably convex from end to end. Thus it will be seen that when the cultivator point is in use the wings 2 will dig under the surface of the soil and travel thereunder substantially parallel with the surface. The roots of weeds and the like will be severed by the cutting edges and as each edge is curved from end to end it sets up a shearing action which insures cutting of the growths in the path thereof.

The device can be attached readily by extending bolts 3 through the arched portion 1 and through the point B. When the article becomes worn it can be readily removed and sharpened or a new one can be substituted therefor.

What is claimed is:

The combination with a transversely curved cultivator point or the like, of a strip having an intermediate arched portion adapted to fit snugly against the back surface of the point, means for detachably securing said arched portion against the concave surface of the point, there being a twist in the strip adjacent each side of the point, and wings extending from the twist and laterally beyond the point, each of said wings having a front cutting edge convex from end to end and the wings being disposed in a plane substantially parallel with the path of travel of the point.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures.

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