E. CORY.
ATTACHMENT FOR DISK CUTTERS.
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Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Witnesses
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To all whom it may concern:

Be it known that I, Elbert Cory, a citizen of the United States, residing at Colfax, in the county of Clinton and State of Indiana, have invented new and useful Improvements in Attachments for Disk Cutters, of which the following is a specification.

The invention is primarily designed to provide an attachment for use in connection with a rotary or disk cutter for turning stubble, stalks, trash and the like under the ground so as to prevent interference of such matter with subsequent operations.

The invention provides a blade and supporting means for holding the blade at one side of the disk cutter in position for turning the earth in such a manner as to cover stubble, trash or the like, said blade being adjustable to any desired position.

The invention consists of the novel features, details of construction and combination of parts, which hereinafter will be more particularly set forth, illustrated in the accompanying drawing, and pointed out in the appended claim.

Referring to the drawing forming a part of the specification, Figure 1 is a side view of a disk cutter provided with a turning attachment embodying the invention. Fig. 2 is a top plan view. Fig. 3 is a section on the line $a-a$ of Fig. 2. Fig. 4 is a detail perspective view of the attachment.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing, by the same reference characters.

The numeral 1 designates a disk cutter of any type or design, the same being mounted upon an axle 2 which is held at its ends in the members of a fork 3 which is adapted to be connected to a standard 4 of an agricultural implement of any variety. The fork 3 and disk cutter 1 are of ordinary construction and are illustrated simply to demonstrate the application of the invention which consists of a shovel or turning attachment. The attachment embodies a beam 5 which is arranged along side one of the members of the fork 3, the same having its rear portion turned as indicated at 6 and bent to provide a substantially upright stem 7. The front portion of the beam 5 is curved upwardly at 8 and bent laterally to provide a clip 9 which extends over a member of the fork and along the inner side thereof, the inner member 9 being bent inwardly so as to overlap the upper flange of the fork member. A set screw is fitted into an opening formed in the upwardly curved part 8 and is adapted to engage the fork member at a point below the flange 12 so as to act jointly with the member 10 to prevent vertical displacement of the clip. The fork members are usually of T-form in cross section, opposite portions of the horizontal flange being engaged by means of the set screw 11 and clip member 10 in the manner herein stated. The beam 5 is formed intermediate of its ends with an opening 13 which receives a projecting end of the axle 2, the beam being retained in place by a nut 14 threaded upon the outer end of the axle.

A blade 15 is secured to the stem 7 of the beam and is adjustable vertically and angularly. The blade 15 has a socket 16 upon its rear side through which the stem 7 passes, a set screw 17 threaded into an opening of such socket serving to secure the blade in an adjusted position. The blade 13 approximates the form of a turning plow and comprises a share and mold board, the parts being of such arrangement as to effect a turning of the earth at one side of the disk cutter. The inner edge of the blade is arranged adjacent the proximal side of the disk cutter so that in the operation of the device a slice of earth is turned at one side of the cutter thereby forming a furrow in which the matter such as stubble, stalks, trash and the like is covered.

It will be understood from the foregoing taken in connection with the accompanying drawings that the invention provides a device partaking of the nature of an attachment to be applied to a rotary or disk cutter for turning stubble, trash and the like, thereby leaving the surface of the ground free from such matter and whereby the latter is prevented from interfering with the subsequent operation of implements such as harrows, or cultivators, or planting or fertilizing machines.

From the foregoing description, taken in connection with the accompanying drawings, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that...
the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claim appended hereto.

Having thus described the invention, what I claim as new, is:

In combination, a fork, an axle supported in the fork members and having a projecting end, a disk cutter mounted upon the axle, a beam mounted upon the projecting end of the axle and having its rear portion bent to provide an upright stem and having its front portion curved upwardly thence laterally to provide a clip for embracing opposite sides of a member of the fork, a set screw mounted in a member of the clip and adapted to engage the fork member to hold the beam in place and a turning plow adjustably mounted upon the upright portion at the rear of the beam.

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

ELBERT CORY.

Witnesses:

JAMES CONNOR,
JAMES BUSH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."