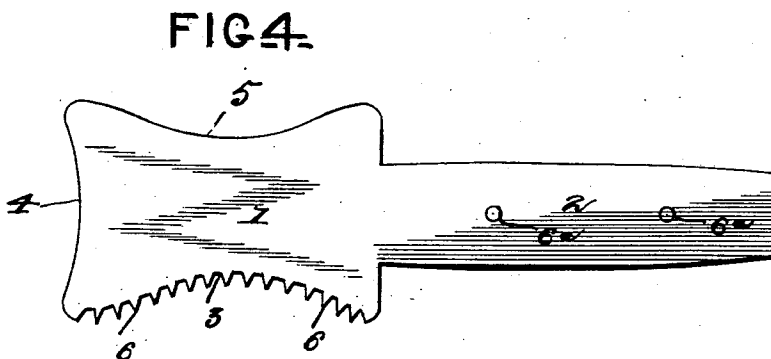
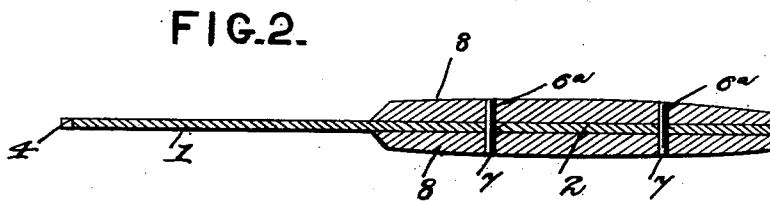
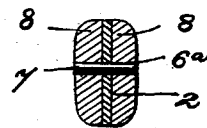
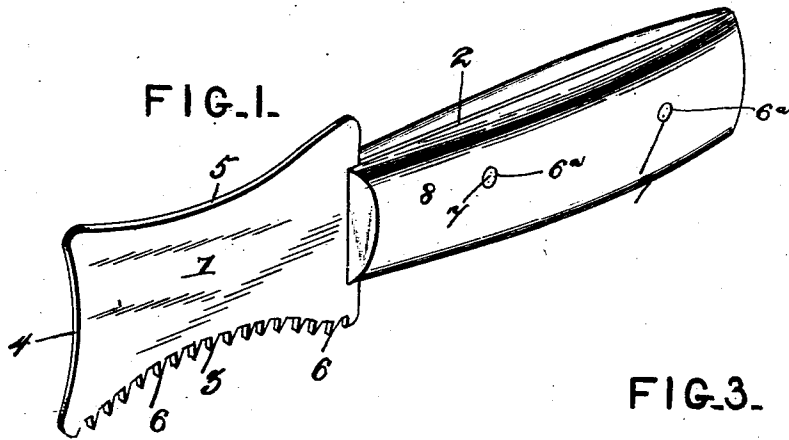


(No Model.)

N. C. McCOWN.
GREEN CORN CUTTER.

No. 564,832.

Patented July 28, 1896.



Inventor
Nash C. McCown

Witnesses
E. H. Monroe
J. N. Figgard

By his Attorneys.

Chas. Snow & Co.

UNITED STATES PATENT OFFICE.

NOAH CICERO McCOWN, OF BEAVER, OKLAHOMA TERRITORY.

GREEN-CORN CUTTER.

SPECIFICATION forming part of Letters Patent No. 564,832, dated July 28, 1896.

Application filed July 10, 1894. Serial No. 517,125. (No model.)

To all whom it may concern:

Be it known that I, NOAH CICERO McCOWN, a citizen of the United States, residing at Beaver, in the county of Beaver and Territory of Oklahoma, have invented a new and useful Green-Corn Cutter, of which the following is a specification.

My invention relates to green-corn cutters, and has for its object to provide a simple, inexpensive, and efficient device adapted for cutting the grains and extracting the kernels therefrom either prior or subsequent to boiling, the blade being of such construction, including points or spurs for ripping the grains, that it may be struck from a single flat blank of sheet metal, the only subsequent operation in the manufacture of the device being the application of suitable handle-sections to form a grip.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a perspective view of a cutter constructed in accordance with my invention. Fig. 2 is a central longitudinal section of the same. Fig. 3 is a transverse section of the handle, taken in the plane of one of the rivets. Fig. 4 is a plan view of the blade and integral tang.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The blade 1 is substantially oblong in construction, with the sides 3 and 5 thereof concaved, whereby in scraping an ear of corn a larger area of the surface of the latter will be engaged than with a straight edge. The edge 3 is provided with a plurality of independent spurs or spear-pointed teeth 6, spaced apart to correspond approximately with the intervals between the rows of grains on an ear and adapted to cut the sacks of the grains and release the kernels. In making these spurs or teeth 6 I preferably taper them toward their outer ends or points, but the inner ends or bases thereof are separated or independent of each other to avoid forming a continuous cutting edge, which would not only open, but detach the sacks in which the kernels are contained. These spurs or teeth

are, however, struck from the same plate or sheet with the body portion of the blade.

The opposite side edge 5 of the blade is blunt or smooth to scrape the kernels out of the sacks without detaching the sacks from the cob. The outer end 4 of the blade is provided with a concave smooth edge to serve a similar purpose to that described in connection with the edge 5 when it is found more convenient to employ an end than the side edge of the blade.

Integral with and preferably struck from the same sheet of metal as the blade is an extension or tang 2, arranged in the same plane with the blade, in alinement with the longitudinal center thereof, and disposed upon opposite sides of the plane of said tang are the handle-sections 8, provided in common with the tang 2 with perforations 6^a for the reception of the transverse rivets 7. The shoulders at the inner end of the blade, or the end opposite to the edge 4, are preferably abrupt or perpendicular to the longitudinal center of the blade and tang, and the inner or contiguous ends of the handle-sections 8 extend beyond said abrupt shoulders and bear against the opposite surfaces of the blade 1 to strengthen the point of junction between the blade and the tang to prevent fracture when the device is strained.

The objects in arranging the blade in a common plane with the tang to which the handle-sections are attached with its longitudinal center in alinement with that of the tang are, first, that the construction is simplified, in that said parts may be struck from the same sheet of metal; second, that the handle-sections may be employed to strengthen the connection between the tang and the blade; and, third, that the device may be more easily manipulated, the latter being true for the reason that in cutting corn the lower end of the ear is usually rested upon a table or a similar horizontal support, and it is desirable to cut close to the lower end of the ear, and hence close to the plane of the table or support. The lateral extensions or ears which form the shoulders at the inner end of the blade also serve as finger-rests for the thumb of the hand which grasps the handle. This enables the operator to push firmly

against the blade and thus still further avoid straining the structure at the point of connection of the blade and the longitudinal extension or tang.

5 Having described my invention, what I claim is—

A green-corn cutter having a flat blade provided with a terminal integral extension of reduced width and even thickness with the
10 blade, said blade and extension being in a common plane and the blade terminating contiguous to the extension in abrupt shoulders arranged, respectively, upon opposite sides of the same, and handle-sections secured to
15 opposite side surfaces of the extension and of greater length than the same to extend inward over and bear against opposite side sur-

faces of the blade, whereby the latter is braced against lateral strain and fracture contiguous to said shoulders, the blade having concaved end and side edges, of which one side
20 edge is provided with independent or separate teeth 6, set apart or spaced to form intervals, and the teeth being narrow and tapered toward their outer extremities, whereas
25 the remaining side edge and the outer end edge are smooth, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

NOAH CICERO McCOWN.

Witnesses:

DYKER BALLINGER,
O. J. LORFBONNON.