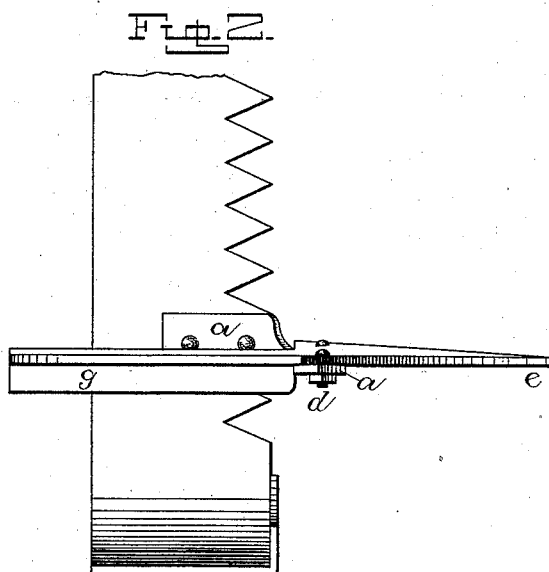
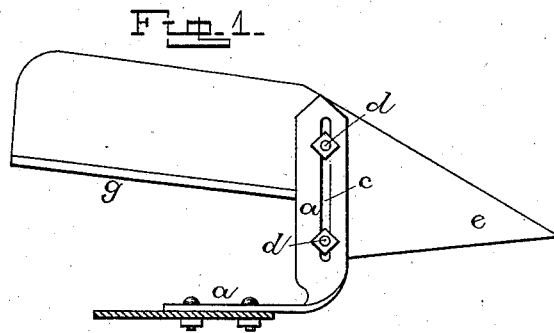


G. A. GUTTERMANN.
Grain-Lifter for Harvesters.

No. 209,473.

Patented Oct. 29, 1878.



Witnesses:

J. W. Garner
W. D. Haines

Inventor:
G. A. Guttermann,
per
F. A. Lehmann,
Atty.

UNITED STATES PATENT OFFICE.

G. ADAM GUTTERMANN, OF BELLEVILLE, ILLINOIS.

IMPROVEMENT IN GRAIN-LIFTERS FOR HARVESTERS.

Specification forming part of Letters Patent No. **209,473**, dated October 29, 1878; application filed September 20, 1878.

To all whom it may concern:

Be it known that I, G. A. GUTTERMANN, of Belleville, in the State of Illinois, have invented certain new and useful Improvements in Harvester Attachments; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in attachments for harvesters; and it consists in the arrangement and combination of parts whereby fallen grain, which has a tendency to choke the cutter, and which cannot be cut by any of the ordinary machines, is raised from the ground, so that it can be cut with perfect ease, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

a represents an arm or brace, which is fastened to the finger-beam on the side of the elevator by means of two bolts. The upper end of this arm, which is turned vertically upward, has the slot *c* made through it, and through this slot are passed the two clamping-bolts *d*, by means of which the arm and the sharp-pointed piece *e* are fastened together. This piece *e* projects about two feet from the finger-

beam, for the purpose of raising the fallen grain, and by means of the slot can be raised and lowered to suit the condition of the grain. The lower edge of this piece *e* is turned inward at right angles, so as to form the guiding-flange *g*. The piece *e*, after its point has raised the grain upward, keeps it straight and holds it away from the side elevator, so that it cannot choke up, while the flange *g* leads it smoothly to the upper elevator. This flange is here shown as being turned outward at right angles; but a less angle will answer the same purpose.

My attachment need not necessarily be fastened to the platform, as it may be fastened to the elevator or the seat-board.

Having thus described my invention, I claim—

As an attachment for harvesters, the sharp-pointed lifting-piece *e*, having flange *g*, in combination with the supporting-arm *a*, having a slotted upright portion for vertically adjusting piece *e*, and a foot for attachment to the cutter-bar, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of September, 1878.

G. ADAM GUTTERMANN.

Witnesses:

I. TRALL,
FRED. BECHTOLD.