

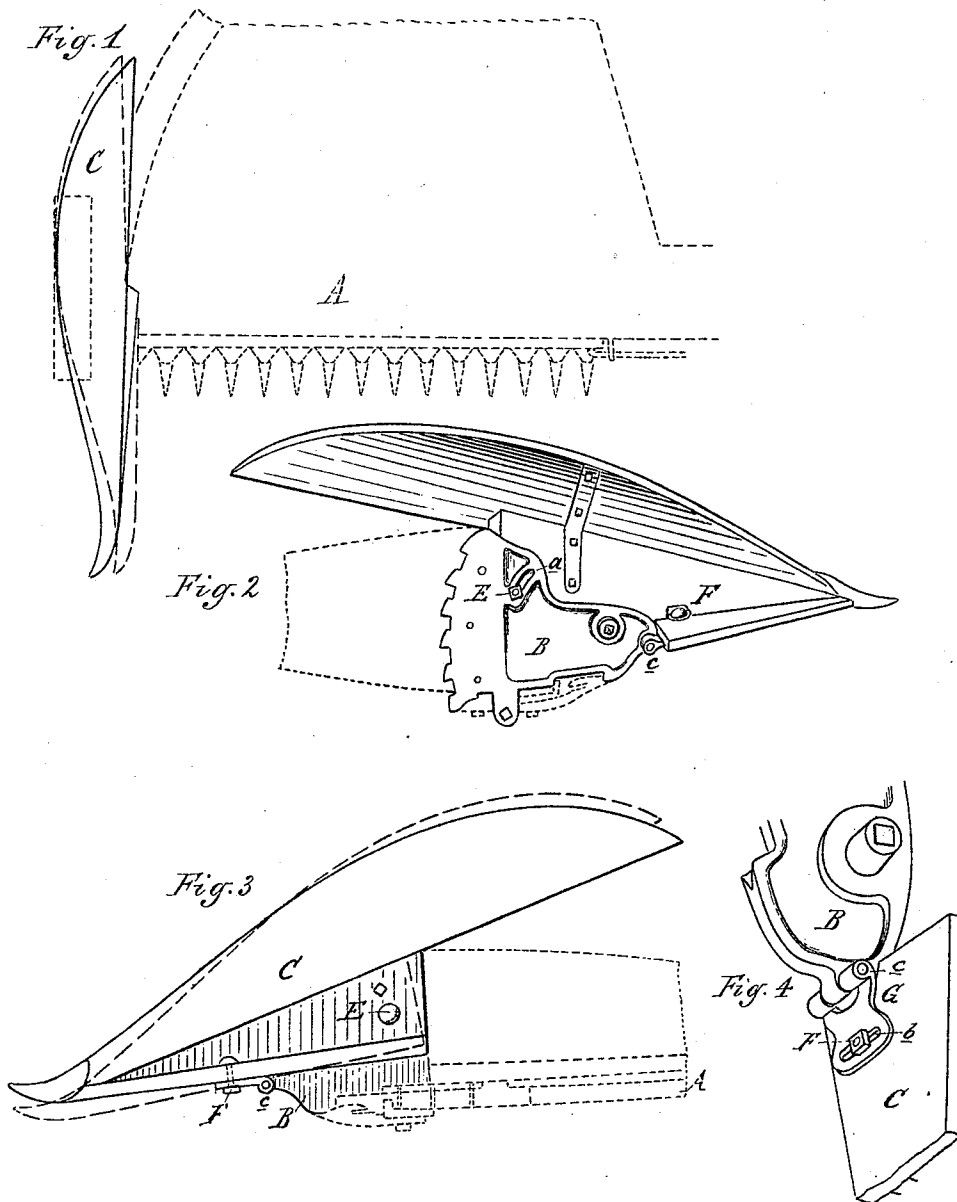
(No Model.)

O. KROMER & F. RINKLEFF.

HARVESTER.

No. 249,775.

Patented Nov. 22, 1881.



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UNITED STATES PATENT OFFICE.

OTTO KROMER AND FRANK RINKLEFF, OF SANDUSKY, OHIO.

HARVESTER.

SPECIFICATION forming part of Letters Patent No. 249,775, dated November 22, 1881.

Application filed July 8, 1881. (No model.)

To all whom it may concern:

Be it known that we, OTTO KROMER and FRANK RINKLEFF, of Sandusky, in the county of Erie and State of Ohio, have invented an
5 Improvement in Harvesters, of which the following is a specification.

The nature of our invention relates to certain new and useful improvements in harvesters, by means of which a greater and more
10 perfect adjustability of the grain-divider may be obtained than is had by the devices in use for that purpose.

In a patent granted to us March 3, 1880, and numbered 225,064, no independent adjustability of the grain-divider is shown; and the invention hereinafter described consists in the novel manner of connecting the grain-divider with the other parts of the harvester, so as to give it an adjustability which has never been
20 obtained before.

Figure 1 is a plan view of the grain-platform with grain-divider attached. Fig. 2 is an end view of the divider, showing the devices by which its adjustability is secured. Fig. 3 is
25 an inside view of the divider with portion of the table attached thereto. Fig. 4 is an enlarged view of the hinge.

In the accompanying drawings, which form a part of this specification, A represents the grain-platform, adapted to be raised, lowered, or tilted in the manner shown in our aforesaid Letters Patent or in any other convenient
30 manner.

B is the shoe, firmly attached to the grain end of the platform, in the various adjustments of which it therefore necessarily partakes. Attached to this shoe is the grain-wheel and the grain-divider C, which latter is not rigidly secured thereto, as shown in said Letters Patent,
40 but in such manner as to adapt it to a lateral and vertical adjustability independent of any

other parts of the harvester. This adjustability is obtained in the following manner:

E F are two bolts, by means of which the grain-divider is secured to the shoe B, and
45 thereby to the harvester, there being no other attachment. The bolt E passes through a slot, *a*, in the shoe B. This slot is on a circle, having its center at the hinge *c*. The bolt F passes through a slot, *b*, in the plate G, which
50 is hinged to the shoe B at *c*. The slot *b* is on a circle, having for its center the bolt E. By this manner of attaching the divider to the shoe a vertical adjustment of the divider around the hinge *c* is obtained, limited and
55 governed by the slot *a*, while a lateral adjustment of the divider is obtained by adjusting the bolt F within the slot *b*, the bolt E serving as the pivotal point. After the proper adjustment is obtained the nuts upon the bolts E
60 F should be screwed down tight.

What we claim as our invention is—

1. In combination with a harvester-platform, the shoe B, plate G, hinged to said shoe, and the divider C, the shoe and the plate both be-
65 ing provided with slots, whereby the divider can be laterally and vertically adjusted, substantially as specified.

2. In a harvester, the shoe B, provided with a slot, *a*, concentric to the bolt *c*, the plate G,
70 hinged to said shoe by the bolt *c*, and provided with a slot, *b*, concentric to the bolt E, in combination with the divider C and the bolts E F, for securing said divider to the plate G and the shoe B, substantially as and for the
75 purpose specified.

OTTO KROMER.
FRANK RINKLEFF.

Witnesses:

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