J. F. Seiberling.

Harvester Dropper.

No. 51359 Patented Dec. 5, 1865.

Fig. 1.

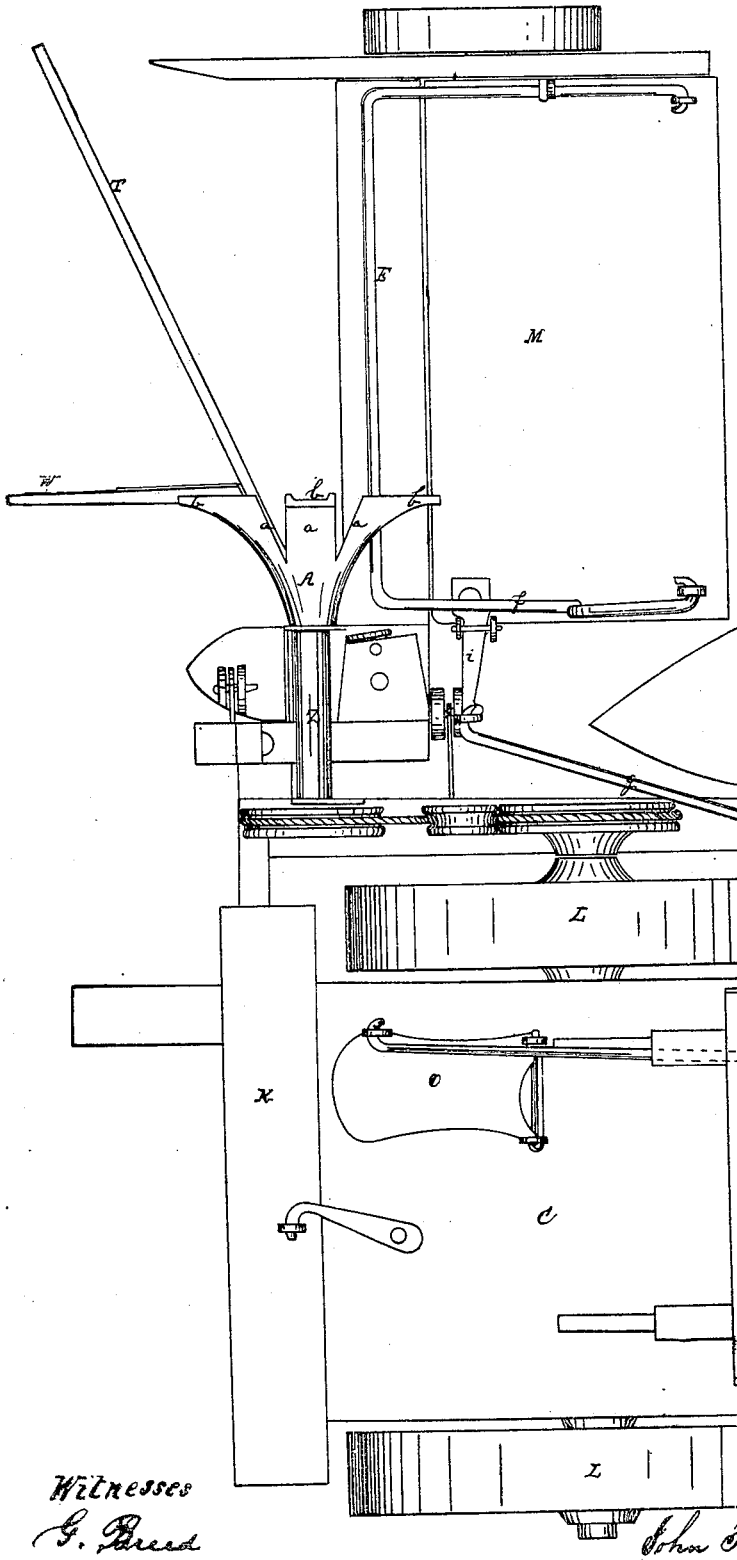
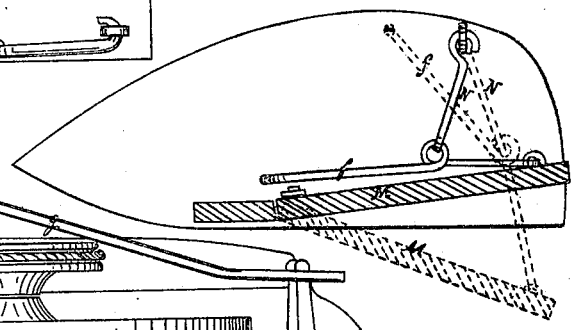


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN F. SEIBERLING, OF DOYLESTOWN, OHIO.

IMPROVEMENT IN HARVESTERS.

Specification forming part of Letters Patent No. **51,359**, dated December 5, 1865.

To all whom it may concern:

Be it known that I, JOHN F. SEIBERLING, of Doylestown, in the county of Wayne and State of Ohio, have invented a new and useful Improvement in Harvesters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention or improvement in harvesters consists in so arranging a lever on the hind part of the machine, in connection with other devices for working the dropping or grain platform, that the cap of the machine may be tilted up without disturbing or disconnecting such lever and devices, and also in a swinging link or check for modifying the motion of the cut-off.

In the accompanying drawings, Figure 1 is a top view of my improved harvester. Fig. 2 is a section through the dropping or grain platform, showing also the swinging link connecting the cut-off to the dividing-board.

In the construction of my improved machine the cap C is hinged or pivoted near its rear end to the sides of the main frame, so that the front of the cap may be tilted up for convenience in greasing or repairing the machine. Above these hinges, and in a line, or nearly in a line, with the same, a straight lever, H, is placed across the cap C and pinned or pivoted thereto at one end, so as to give very little motion to this lever when the cap is tilted up and again brought down to its place; also, the rod *h* and treadle O, being on the cap C, rise and fall with the cap without derangement. Another rod, *g*, connects the lever H to an arm, *i*, upon the platform M, so that the motion of the treadle will operate the platform and discharge the grain in gavels at pleasure.

By this arrangement of the lever H in relation to the hinges of the cap C, and by a nice adjustment of the rods *h* and *g* in connection with the treadle and the arm *i*, the cap C may be tilted up without cramping the lever H or disconnecting or disturbing any of the parts employed in operating the grain-platform.

The side arms, *f*, of the cut-off rod F are hinged to the rear of the platform M, Fig. 2, in the usual manner. One of these arms is connected to the dividing-board by means of a link, N, in order to change the motion of the cut-off as it is raised and lowered. The advantage of this swinging link over the common fixed connection is, the link allows the rear of the platform to rise any required distance above the level of the cutter-beam, and thus prevent the grain from sliding over the platform in going up hill or in cutting lodged grain.

The reel-hub and other improvements are not particularly described, as I propose to cover the same by separate Letters Patent. In this application I confine my claims to the devices employed in discharging the grain and to combinations therewith.

I do not broadly claim a lever in combination with other devices for operating the grain-platform, but confine my claims to such arrangement of the lever as will prevent the cramping of the lever and the necessity of disconnecting the lever or the rods or other devices employed therewith.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The lever H, in combination with the dropping-platform M, substantially as described.

2. The arrangement and combination of the lever H, guide *y*, rod *h*, and treadle O, substantially as set forth.

3. Arranging a lever upon the hinged cap of a harvester in such manner as to transmit motion to the dropping or grain platform, and at the same time allow the cap of the machine to be tilted up without cramping said lever, substantially as described.

4. A swinging link for checking and modifying the motion of the cut-off, substantially as set forth.

JOHN F. SEIBERLING.

Witnesses:

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