W. J. LUDLOW.

SEAT FOR HARVESTERS.

No. 78,531. Patented June 2. 1868.

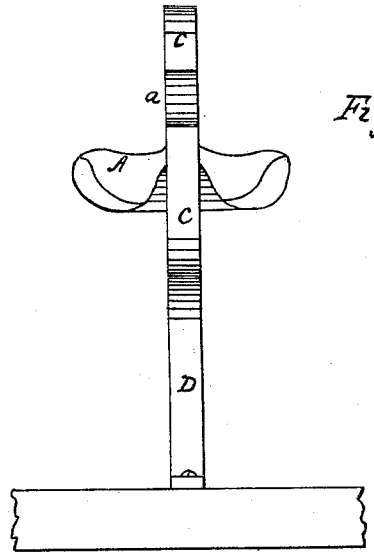


Fig. 1.

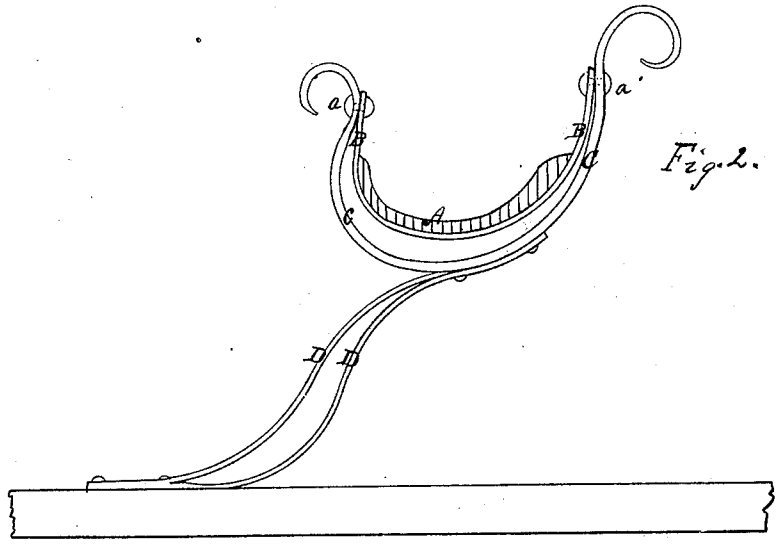


Fig. 2.

Witnesses
Wm Clatworthy
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

United States Patent Office.

W. J. LUDLOW, OF CLEVELAND, OHIO.

Letters Patent No. 78,531, *dated June* 2, 1868.

IMPROVEMENT IN SEATS FOR HARVESTERS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. J. LUDLOW, of Cleveland, in the county of Cuyahoga, in the State of Ohio, have invented a new and useful Improvement in the Method of Attaching Seats to Mowing-Machines, Harvesters, and Horse-Rakes; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, and the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in suspending the seat to the harvester, &c., whereby the lateral motion incident to these machines is not communicated to the seat thereof.

The annexed drawings show the general construction and adaptation of the seat.

By the ordinary method, the seat is attached directly to the harvester, whereby it necessarily partakes of the motion of the harvester, mowing-machine, &c.

To obviate this, I suspend the seat as shown in the drawings. A bar of iron, C, bent in the form shown, is attached to the harvester, mowing-machine, or horse-rake, either directly, or by means of the spring-support D. Another bar, or piece of hoop-iron, B, is bent to correspond, in a measure, with C, and to it is attached the seat A. The bar B is then attached to the bar C by means of the two bolts *a* and *a'*, the whole being attached to the spring-bar D, substantially as shown.

Although the lateral motion of the harvester will be communicated to the axis or point of the seat's suspension, it is evident, because of the seat's inertia, it will not partake of that motion.

I claim a seat for harvesters, mowing-machines, and horse-rakes, suspended so as to swing laterally, constructed and arranged substantially as and for the purpose herein set forth.

W. J. LUDLOW.

Witnesses:

W. G. OATMAN,

F. M. CHANDLER.