

J. HOUSE.  
Broadcast Seeder.

No. 101,266.

Patented March 29, 1870.

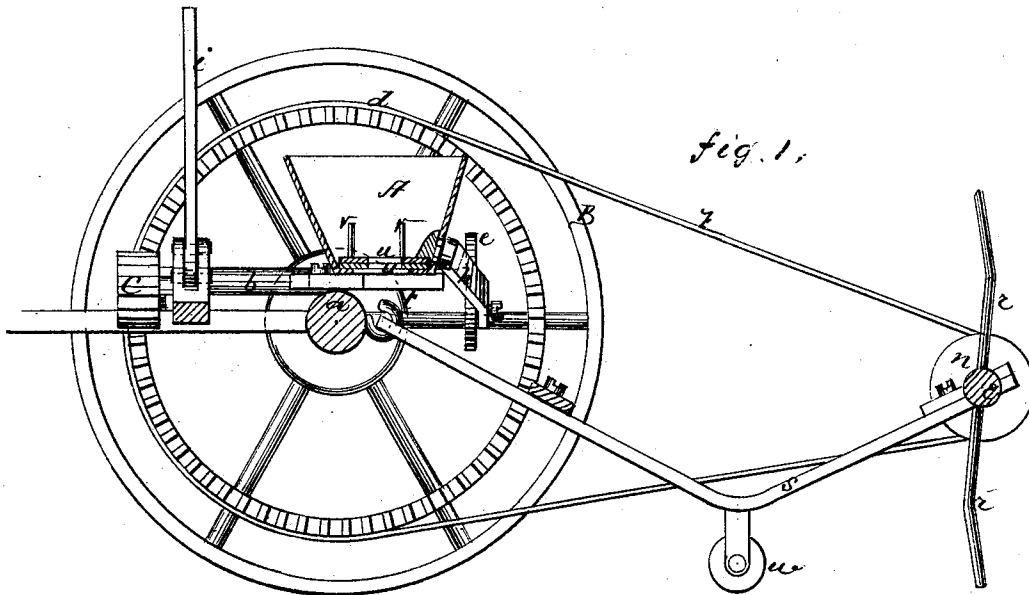
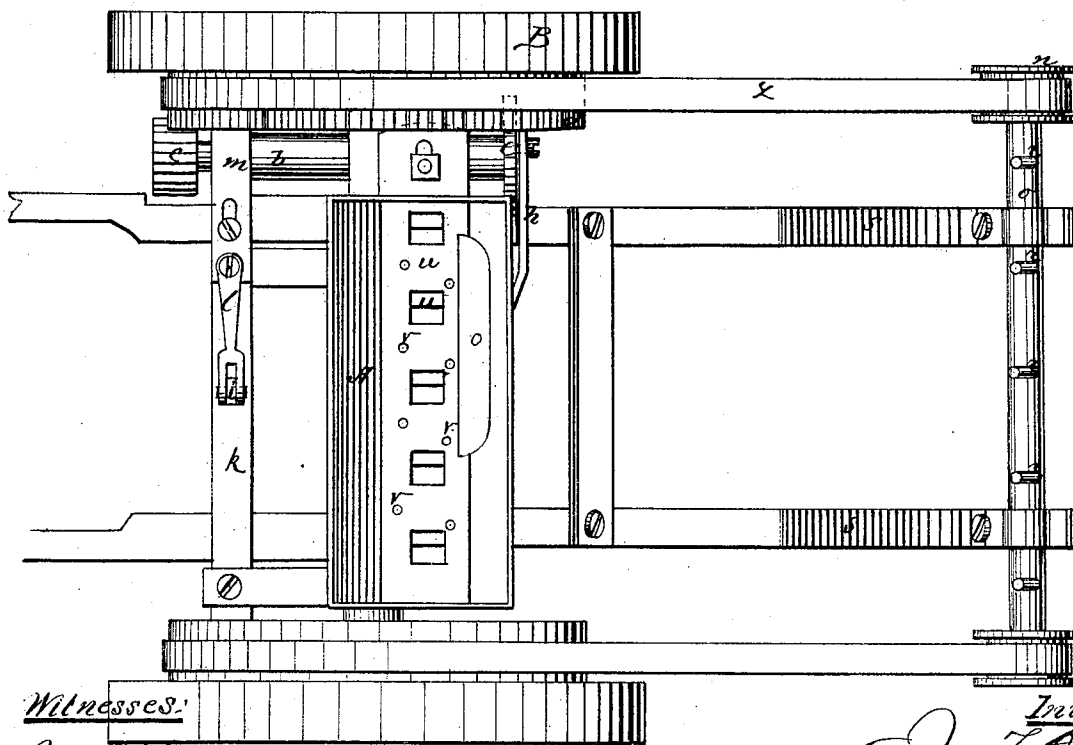


Fig. 2.



Witnesses:

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Inventor:

*J. House*  
*per* *Wm. H. ...*  
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# United States Patent Office.

JONAS HOUSE, OF HOWARD, NEW YORK.

Letters Patent No. 101,266, dated March 29, 1870.

## IMPROVEMENT IN COMBINED SEEDER AND HAY-TEDDER.

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, JONAS HOUSE, of Howard, in the county of Steuben and State of New York, have invented a new and improved Combined Seeder and Hay-Tedder; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a transverse sectional elevation, and Figure 2 is a plan view.

This invention consists in the combination of a seeder of peculiar construction with a tedder for spreading hay in such manner that one set of wheels may operate both devices, either separately or in conjunction, as may be desired.

In the drawings—

A is the seed-box, resting on the axle *a*.

*b*, the shaft that drives the seed-slides, having a pinion, *c*, on one end, which gears with the annular rack *d* affixed to the inside of the wheel B, and a disk, *e*, on its other end, which is connected by a rod, *h*, with the seed-slide.

*i*, a lever having its fulcrum in the front cross-bar *k* of the supporting-frame, and being connected by a bar, *l*, with the sliding box *m*, through which the shaft *b* passes for the purpose of throwing the pinion *c* in or out of gear at pleasure, according as the seeder is to be used or not.

*z* is a band passing around the annular rack *d*, and

connecting the same with a pulley, *n*, on the shaft *o*, from which the tedder-fingers *r* project.

The shaft *o* is supported at the rear extremities of bars *s s*, whose front ends are jointed to hooks *t*, projecting from the axle *a* in such manner that the bars may be disconnected from the axle when the tedder is not to be used, and the seeder is to be employed alone.

There are two seed-slides, *u u*, resting on the perforated bottom of the seed-box.

The upper slide is furnished with fingers *v v*, for crushing plaster.

The slides project out beyond one end of the box A, and by means of a set-screw passing through slots in their projecting parts, the upper one may be set so as to vary the size of the orifices in the lower ones.

The bars *s s* rest on castor-wheels *w w*, by which they are prevented from dragging.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The arrangement of the wheels B, crown-wheel *d*, pinion *c*, seeding-device A *u u v*, with connecting-rod *h*, crank-wheel *e*, and shaft *b*, in combination with the shaft *a* and hooks *t*, fitted to receive the tedder *s o r* and driving-band *z*, as and for the purpose specified.

Witnesses:

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