(No Model.)

R. L. HERRICK

SEED PLANTER.

No. 315,782. Patented Apr. 14, 1885.

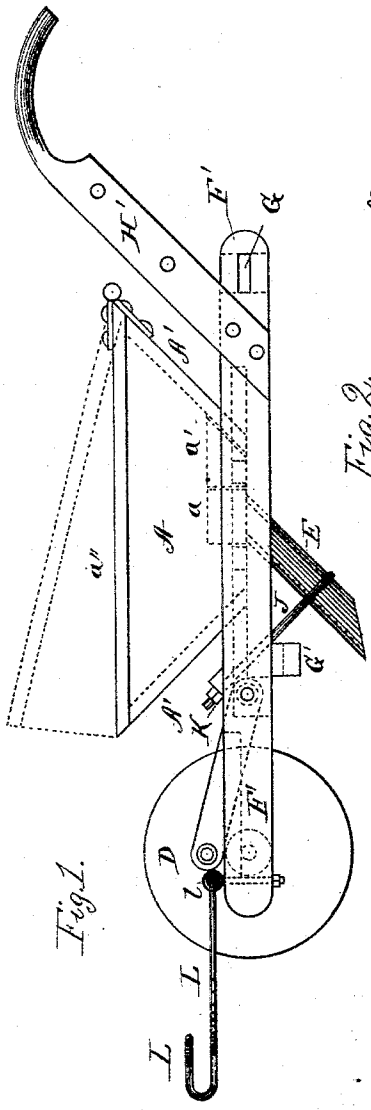


Fig. 1.

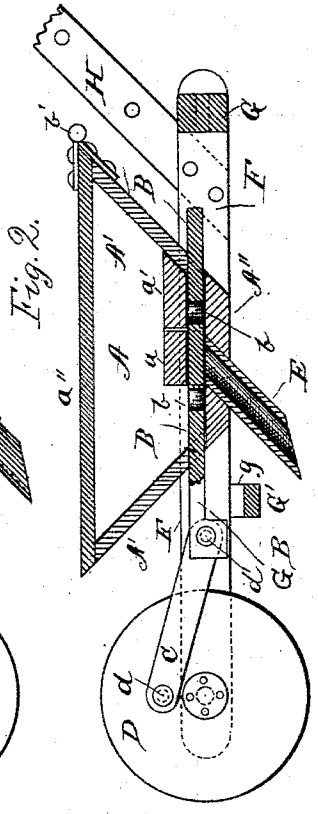


Fig. 2.

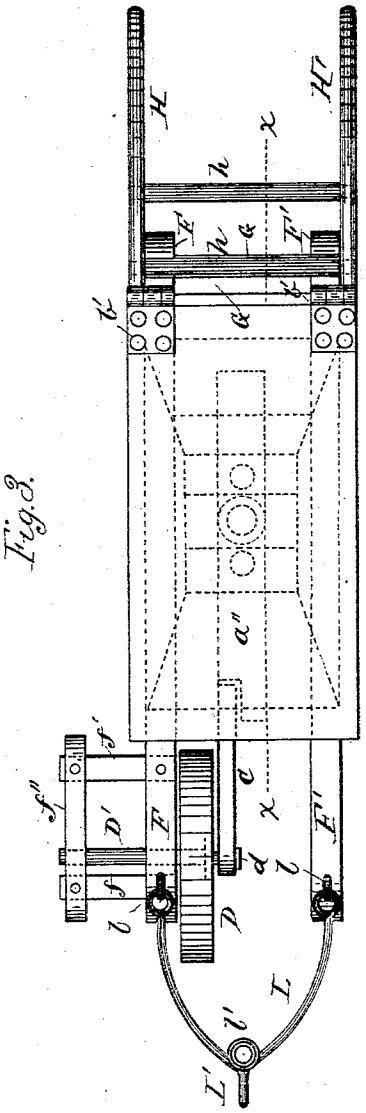


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

RODNEY L. HERRICK, OF SANTA BARBARA, CALIFORNIA.

SEED-PLANTER.

SPECIFICATION forming part of Letters Patent No. 315,782, dated April 14, 1885.

Application filed March 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, RODNEY L. HERRICK, a citizen of the United States, residing at Santa Barbara, State of California, have invented certain new and useful Improvements in Seed-Planters; 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 appertains to make and use the same.

The object of this improvement is an efficient seed-planter of such simple construction and operation that it can be made by any person of ordinary intelligence, and without other than the ordinary tools usually in the possession of every farmer. These results are attained by the mechanism illustrated in the drawings, herewith filed as part hereof, in which the same letters of reference denote the same parts in all the views.

Figure 1 is a side elevation of my improvement. Fig. 2 is a section taken on the line *x x* of Fig. 3. Fig. 3 is a top view.

A A′ A″ represent the seed-box, having a central partition, *a*, through which a sliding piece, B, having perforations *b* on each side of the partition *a*, is given reciprocal motion by the pitman C, connected thereto, and thence with the drive-wheel D, which is provided with the shaft D, and thereby connected to but one side of the machine by means of the frame-work *f f′ f″*, made especially for that purpose.

E is a seed-conduit and furrow-opener.

F F are frame-pieces connected transversely by the piece G, tenoned thereto, and the piece G, affixed to the lower edges thereof in any suitable manner. The piece G is provided with a recess, *g*, to clear the pitman C. The seed-box has a lid, *a″*, hinged to the rear end of the same, as shown at *b′*. The pitman-wrists *d d′* may be made of either wood or metal, as there are no heavy strains thereon, their only duty being to give motion to the sliding piece B by means of the perforations *b*, in which the seeds are moved over and dropped through the conduit E.

Between the central partition, A, of the seed-box and the rear end thereof is piece *a′*, which prevents the aperture *b* in the slide B from receiving seed at that end of the box. By removing the piece *a′* both seed-openings *b* would act, and double the quantity of seed would be dropped through the conduit E.

L is the draft-connection, secured to the frame-pieces F F by the eyebolts *l*, and provided with hook L′, having eye *l′*, for securing the connection of the single-tree thereto.

H H represent handles of the usual form.

J is a rod bent around the seed-conduit E, and secured thence to the frame-pieces F F′, as shown at K, for the purpose of bracing the seed-conduit against the strain that may accrue by reason of its action as a furrow-opener.

Having explained the construction and operation of my improvements, what I claim, and desire to secure by Letters Patent, is—

The combination, in a seed-planter, of a hopper, a frame supporting the hopper, a bottom for said hopper having front and rear perforations, a partition, *a*, located in said hopper between said bottom perforations, a block, *a′*, adapted to be inserted at either side of said partition *a* to cover either of the said perforations, a slide having two perforations and connected to the guide-wheel, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

RODNEY L. HERRICK.

Witnesses:

H. STODDARD,

T. B. CURLEY.