

J. Elbertson,

Corn Planter.

No. 85,652.

Patented Jan. 5, 1869.

Fig. 2.

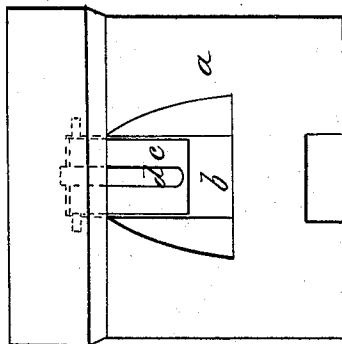
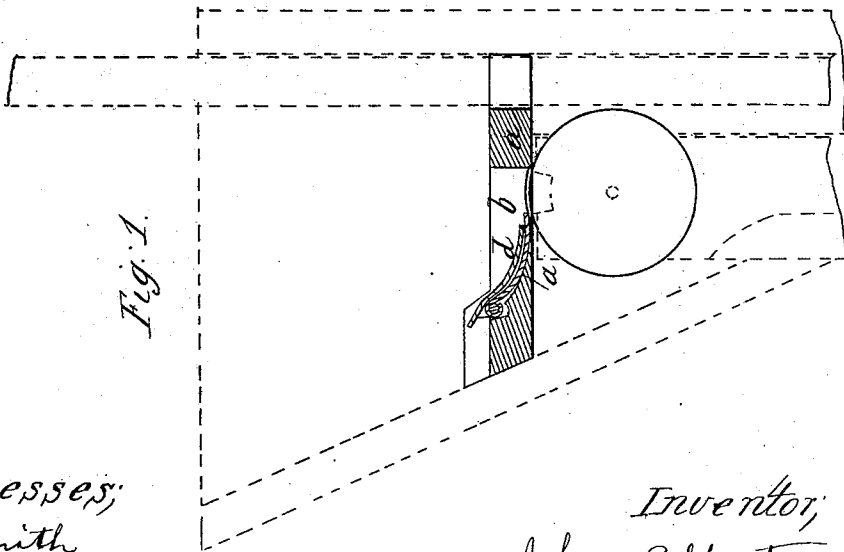


Fig. 1.



Witnesses;
J. C. Smith
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United States Patent Office.

JOHN ELBERTSON, OF KIRKSVILLE, MISSOURI.

Letters Patent No. 85,652, dated January 5, 1869.

IMPROVEMENT IN CORN-PLANTERS.

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, JOHN ELBERTSON, of Kirksville, in the county of Adair, and State of Missouri, have invented a new and valuable Improvement in Corn-Planters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a representation of a sectional view of my improvement, and

Figure 2 is an external view thereof.

My invention relates to that class of corn-planters in which the seed is planted by hand, the machine being used like a pedestrian's cane.

The chief object of my invention is to provide a more perfect bottom for the hopper of a hand corn-planter than has heretofore been known, and it is designed as an improvement upon my corn-planter, patented May 12, 1868.

The letter *a*, of the drawings, represents the wooden bottom of the hopper, and

Letter *b* is the opening therein.

Letter *c* is a plate, of metal or other suitable material, adjusted and curved in the manner shown, and

Letter *d* is a spring, adapted thereto, as represented.

The office of this plate is to cut off from the seed that falls into the seed-box in the cylinder all kernels that are not designed to enter therein, and thereby secure, as near as possible, the same number of seeds for said box at each revolution of the cylinder, the object being to equalize the number of seeds that enter the seed-box, that the hills, when planted, shall be uniform in that particular.

The office of the spring *d* is to regulate the movements of the plate *c*, and allow it sufficient action up and down, without too great fixedness or rigidity in its movements. This plate and spring serve as a substitute for the brush heretofore in use, for the purposes aforesaid.

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

The plate *c* and spring *d*, when constructed and operating substantially as and for the purposes herein specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

JOHN ELBERTSON.

Witnesses:

J. O. SMITH,

JESS L. CONNER.