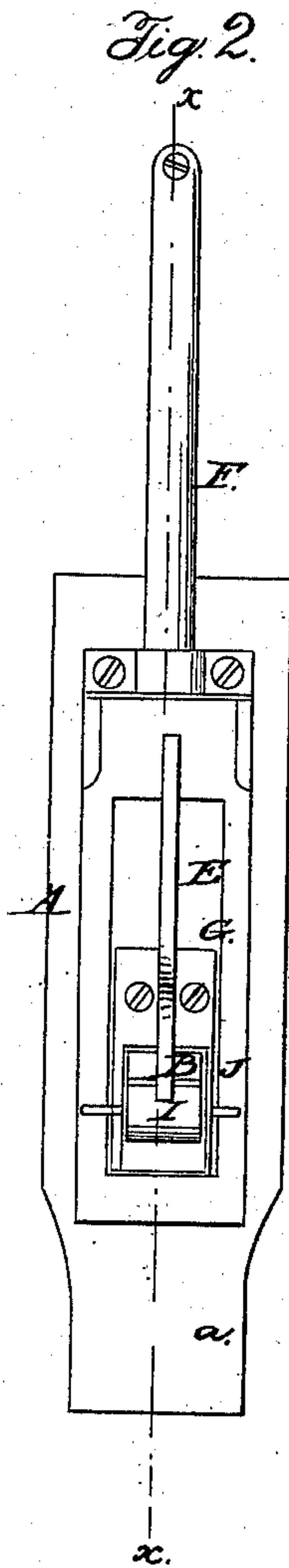
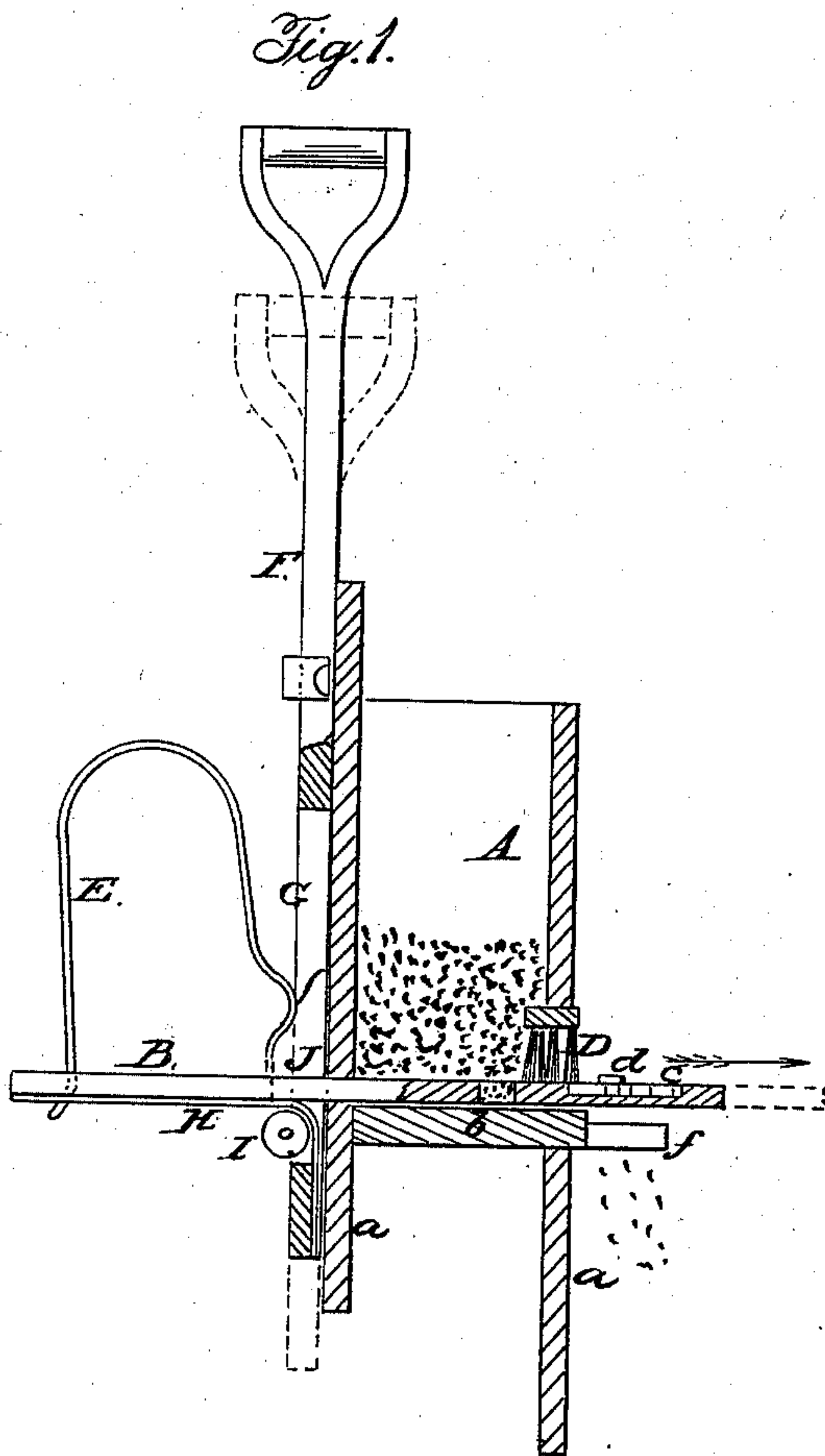


C. E. LIPE.
Hand-Seeder.

No. 68,760.

Patented Sept. 10, 1867.



Witnesses:

Theo. Tusche
J. C. A. Fraser

Inventor:

Chas. E. Lipe
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United States Patent Office.

CHARLES E. LIPE, OF FORT PLAIN, NEW YORK.

Letters Patent No. 68,760, dated September 10, 1867.

IMPROVEMENT IN CORN-DROPPER.

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, CHARLES E. LIPE, of Fort Plain, in the county of Montgomery, and State of New York, have invented a new and improved Corn-Dropper, and that the following description, taken in connection with the accompanying drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim and desire to have secured to me by Letters Patent.

This invention relates to a new and improved device for dropping corn, and it consists in a novel construction and arrangement of parts, as hereinafter fully shown and described, whereby the desired work may be done very expeditiously and in a perfect manner. In the accompanying sheet of drawings—

Figure 1 is a side sectional view of my invention taken in the line *x x*, fig. 2.

Figure 2, an elevation of the same.

Similar letters of reference indicate like parts.

A represents a box of quadrilateral form, which serves as a seed-receptacle. The front and rear sides *a a* of the box extend down below the bottom of the same, as shown in fig. 1; and B is a slide, which passes longitudinally through the box and rests upon its bottom *b*. The slide B has an oblong slot or opening, *c*, made in it, and in this slot or opening there is an adjustable bar, C, which may be secured in any desired position within the scope of its movements by a screw, *d*. By adjusting this bar C the seed-opening *c* may be regulated in capacity as required, as will be fully understood by referring to fig. 1. D is a cut-off brush fitted in one side of the box A directly over the slide B, and E is a spring, one end of which is connected to the box A and the other end to the outer part of the slide B, said spring having a tendency to keep the slide drawn outward from the box A sufficiently, so that the seed-opening *c* will be within the box, (see fig. 1.) F is the handle of the implement, which is an upright slide, the lower part being a yoke, G, through which the slide B passes, the yoke being sufficiently long to admit of a requisite degree of vertical play of the slide. To the lower part of the yoke G and outer part of the slide B there is attached a strap or band, H, which passes over a roller, I, in the lower part of a socket, J, attached to the box, as shown clearly in fig. 1.

The operation is as follows: The person in using the device places the longer leg or foot *a* of the box on the ground, where the seed (a dropping of corn) is to be deposited, and pushes down the handle F, which causes the slide B to be forced out from the box A in the direction indicated by arrow 1 in consequence of the connection formed between the slide and the handle by the strap H passing over the roller I, and the slide B in being thus moved causes the seed-opening *c* to pass out from the box A, underneath the cut-off brush D, which takes off the superfluous seed, so that a number of grains or kernels which may only be contained in *c* flush with the upper surface of the slide B will be discharged, and these grains or kernels drop upon a bevelled or wedge-shaped projection, *f*, which may be an extension of the bottom *b*, said projection scattering the seed. On raising the handle F the spring E throws back the slide B to its original position, so that the seed-opening *c* will pass within the box A and be re-filled with seed for a succeeding operation.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

The strap H and roller I, in combination with the handle F and seed-slide B, all being arranged and applied to a box or seed-receptacle A, provided with a cut-off brush, D, or its equivalent, to operate in the manner substantially as and for the purpose set forth.

CHARLES E. LIPE.

Witnesses:

CHANCY GETMER,
H. S. MAYER.