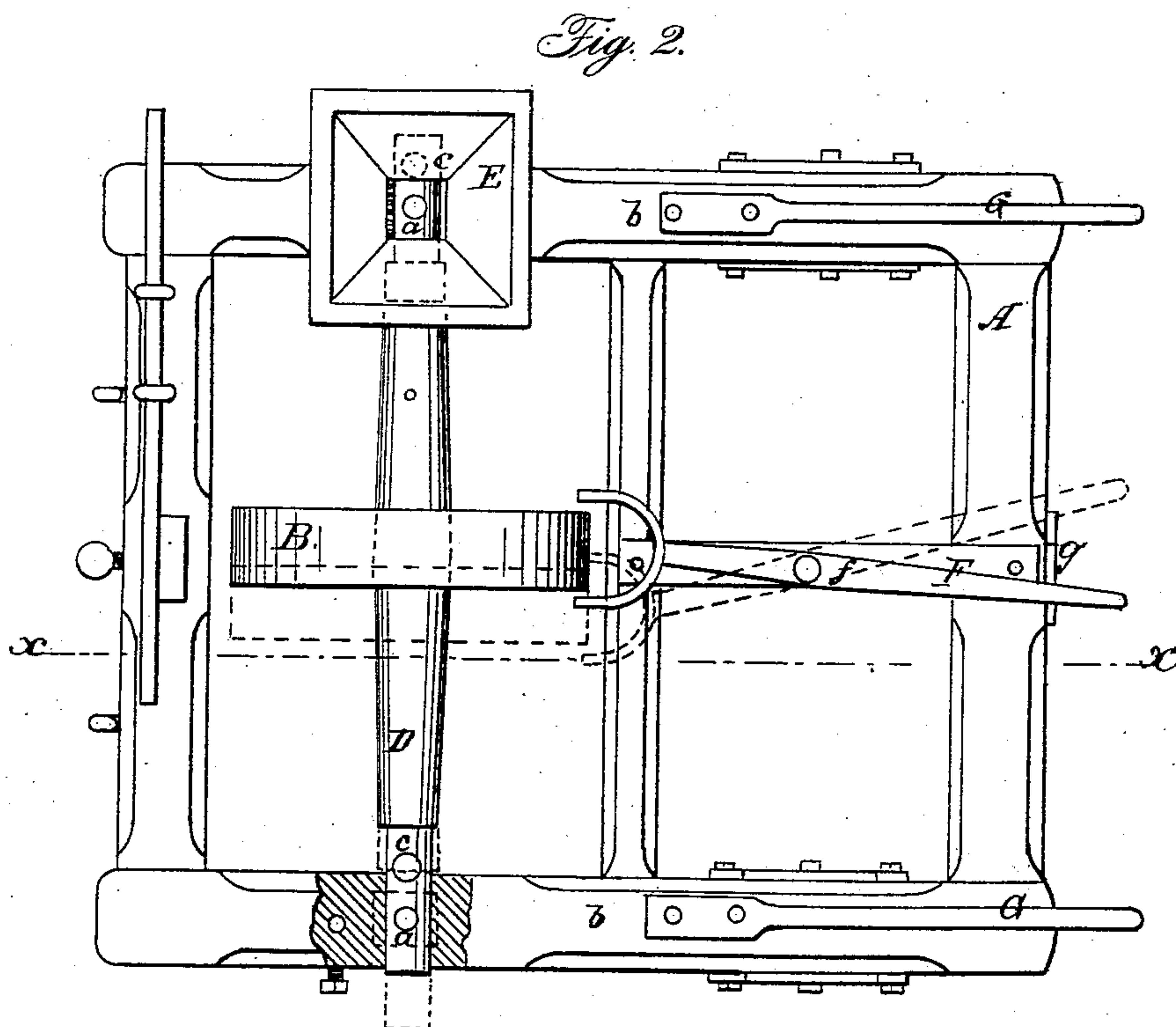
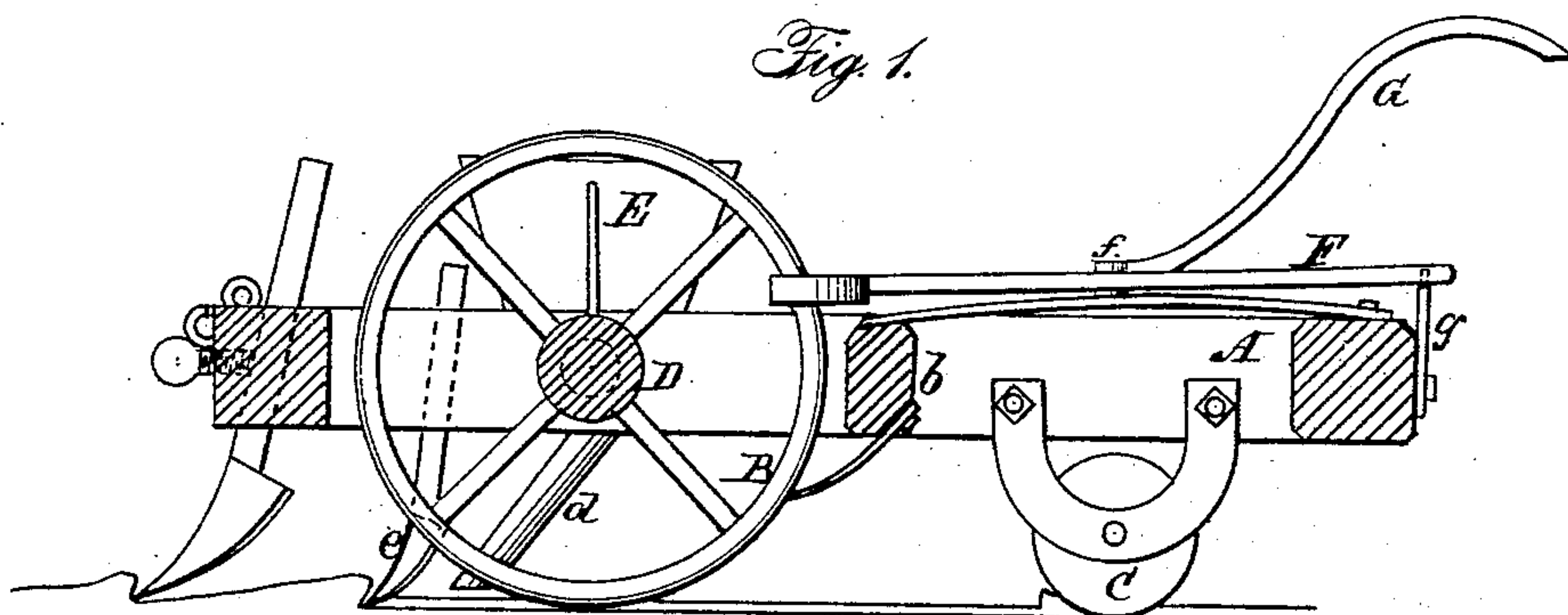


A. MAURER.

Seed-Planter.

No. 25,746.

Patented Oct. 11. 1859.



Witnesses:

J B Warner.
Geo H White.

Inventor:

Andreas Maurer

UNITED STATES PATENT OFFICE.

ANDREAS MAURER, OF NEW CARLISLE, INDIANA.

IMPROVEMENT IN SEED-PLANTERS.

Specification forming part of Letters Patent No. 25,746, dated October 11, 1859.

To all whom it may concern:

Be it known that I, ANDREAS MAURER, of New Carlisle, in the county of St. Joseph and State of Indiana, have invented a new and Improved Seeding-Machine; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side sectional view of my invention, taken in the line *x x*, Fig. 2. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to a novel and improved arrangement of the seed-distributing device, whereby the same may be adjusted with the greatest facility so as to be rendered as the machine moves along operative and inoperative, when desired.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents a rectangular frame, the front part of which is supported by a wheel, B, and the back part by wheels C, one at each side. The front wheel, B, is placed on the center of an axle, D, which extends entirely across the frame A, the ends *a* of said axle being fitted in the side pieces, *b b*, of the frame and allowed to slide longitudinally therein. The ends *a* of the axle have holes or seed-cells made in them, and said ends *a* are at the bottoms of the seed-boxes E E, which are placed on the side pieces, *b b*, of the frame A.

To the underside of each side piece, *b*, an inclined tube, *d*, is attached. These tubes are in communication with passages directly under the ends *a* of the axle D.

To the side pieces, *b b*, and directly in front of each tube *d*, a furrow-share, *e*, is attached.

On the back part of the frame A a lever, F, is secured, *f* being its fulcrum-pin. The front end of this lever is forked, and it fits over the rim of the wheel B.

To the back part of the frame A, directly below the outer end of the lever F, a notched plate, *g*, is attached. Handles G G are secured to the back part of the frame A.

The operation is as follows: As the machine is drawn along the seed, when the cells *c* are below the seed-boxes, as shown in red, is distributed from the boxes E into the tubes *d*, in consequence of the cells *c* filling with seed, and rotating at the bottoms of the boxes and in line with the tubes *d* or with passages communicating therewith. This is a common way of distributing seed from seed-boxes, a cut-off brush, *h*, being placed in each seed-box, as usual. When the distribution of seed is not desired the attendant moves the lever F, as shown in black, and the cells *c* are thrown out from underneath the seed-boxes, the axle D being allowed the necessary degree of longitudinal play to effect the result. The plate *g* retains the lever F, and consequently the axle D, in either of the two positions mentioned, so as to keep the seed-distributing device either in an operative or inoperative state, as may be required, as the machine moves along.

I am aware that cylinders or wheels provided with seed-cells and placed at the bottoms of seed-boxes are common and well-known devices for distributing seed; and I am also aware that the axle of a supporting-wheel of a seeding-machine has been used to perform the office of a seed-distributing cylinder. I therefore do not claim such device, in itself considered; but

I do claim as new and desire to secure by Letters Patent—

The arrangement and combination of the vertically-moving and seed-distributing supporting-axle D, seed-boxes E, and lever F, as and for the purpose herein shown and described.

ANDREAS MAURER.

Witnesses:

I. B. WARNER,
WM. K. WHITE.