

J. M. BLESSING.

Corn Planter.

No. 77,351.

Patented April 28, 1868.

Fig. 1

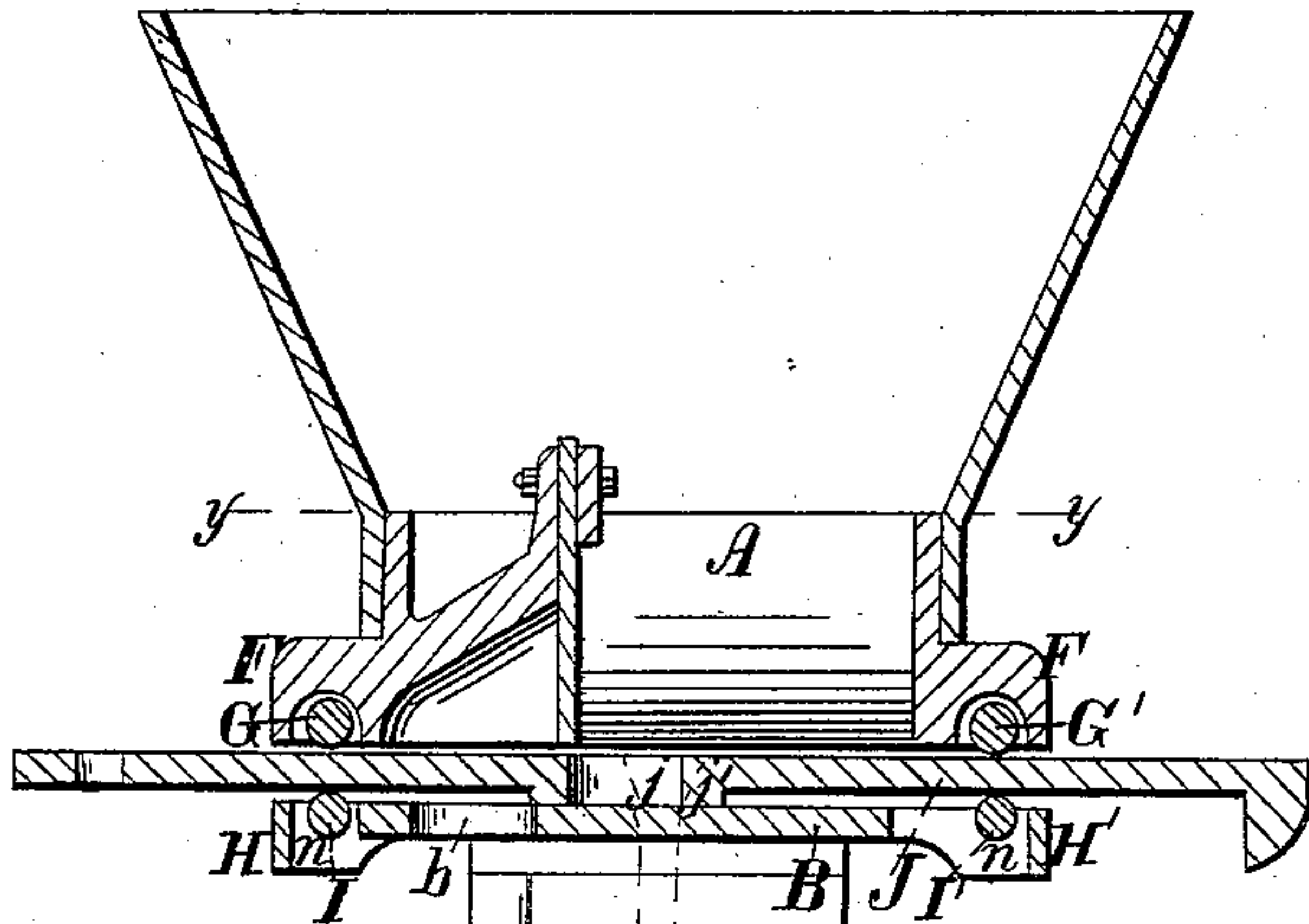


Fig. 2

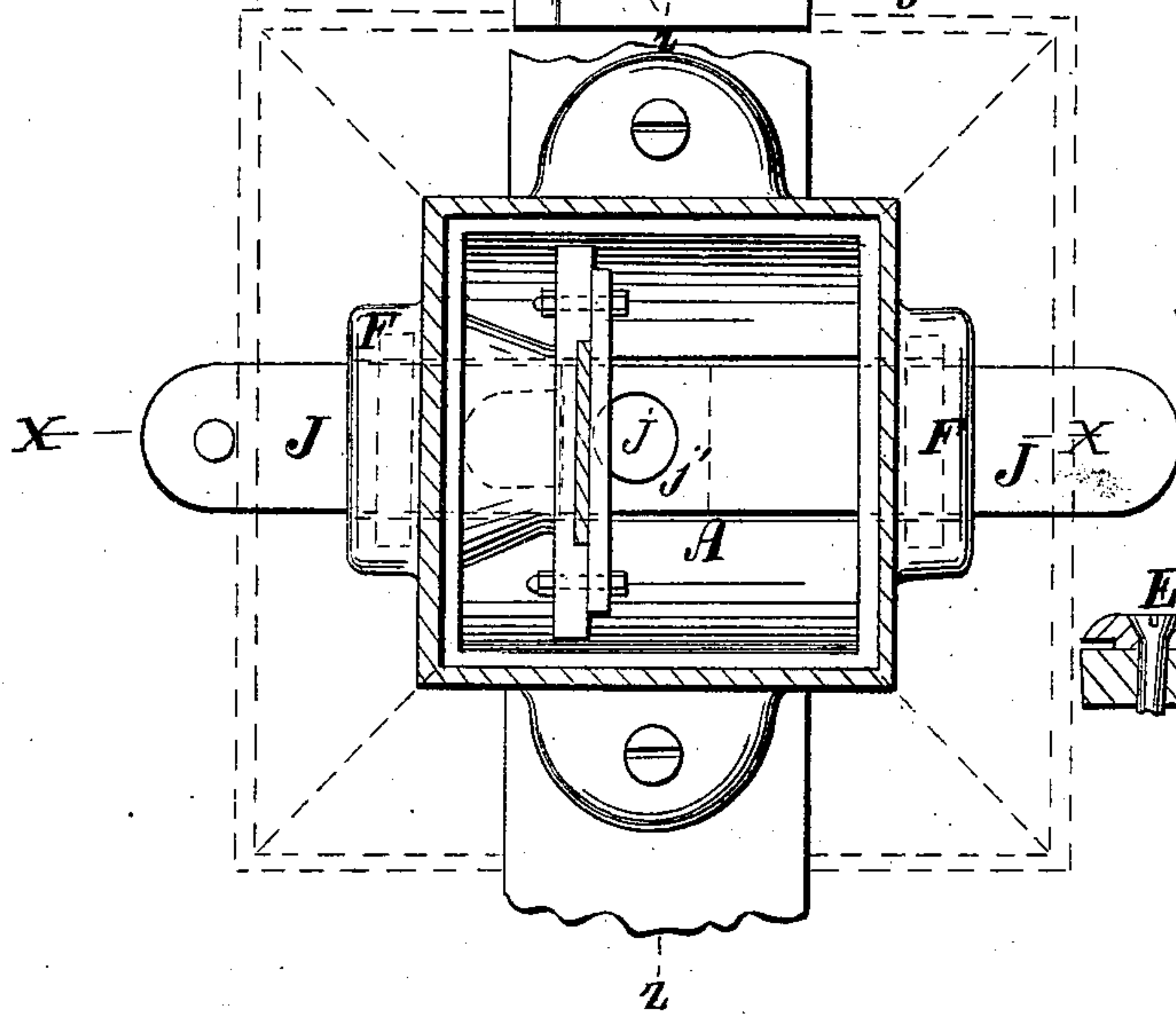
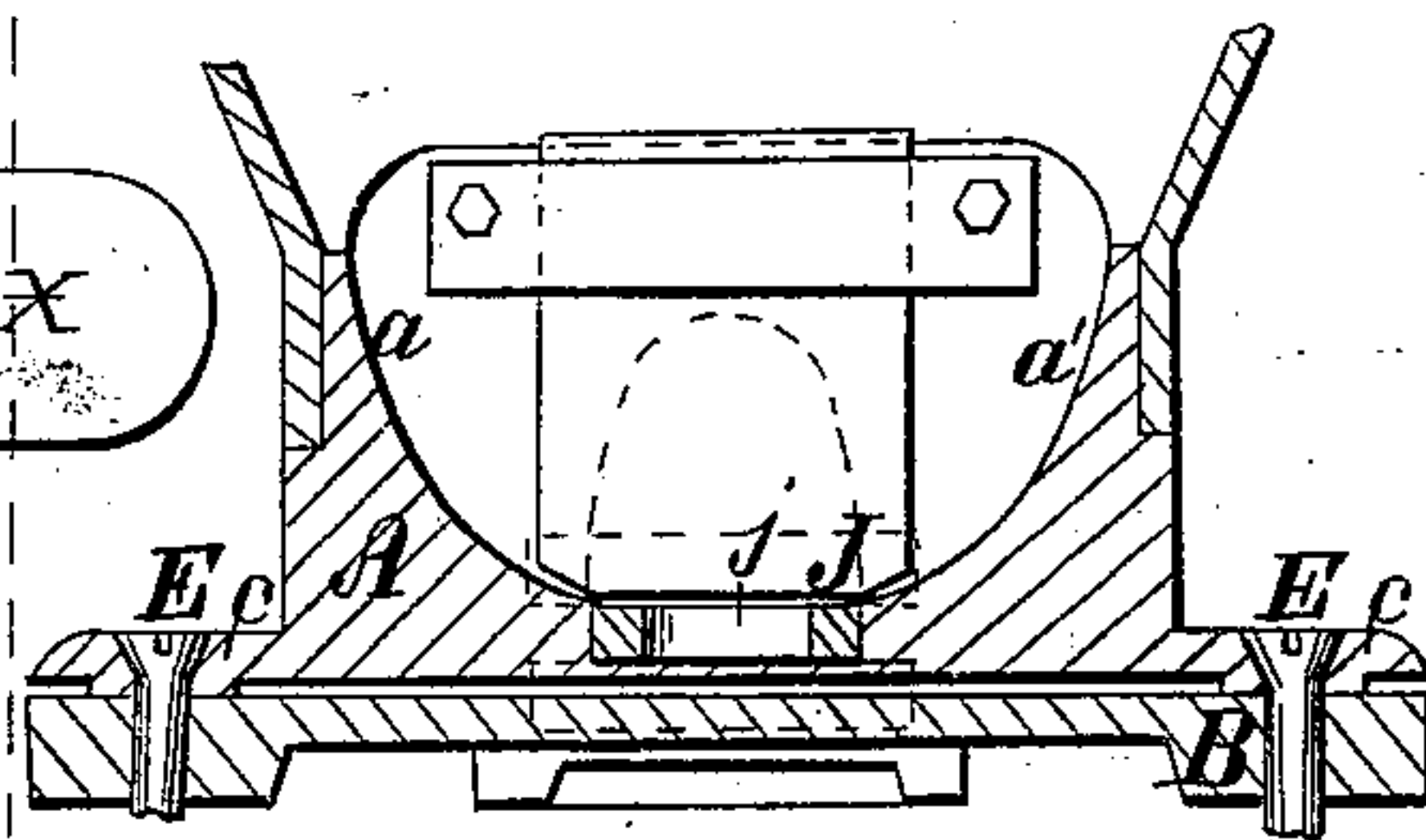


Fig. 3



Witnesses;  
Chas. R. R.  
H. E. R.

Inventor;  
J. M. Blessing  
By Knight & Pomeroy  
Attys

# United States Patent Office.

JOHN M. BLESSING, OF JEFFERSONVILLE, OHIO.

*Letters Patent No. 77,351, dated April 28, 1868.*

## IMPROVEMENT IN CORN-PLANTERS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO WHOM IT MAY CONCERN:

Be it known that I, JOHN M. BLESSING, of Jeffersonville, Fayette county, and State of Ohio, have invented a certain new and useful Improvement in Corn-Planters; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a certain improvement in the construction of the seed-delivery mechanism of a corn-planter, whereby I diminish its liability to clog or work uncertainly.

Figure 1 is a vertical section of my seed-delivering apparatus in the line  $x x$ .

Figure 2 is a horizontal section in the line  $y y$ .

Figure 3 is a vertical section in the line  $z z$ .

The throat A, and bed or bottom plate B of the hopper are, in my improvement, cast in two parts, held suitably distant by means of bosses C, and secured to each other and to the frame D by means of screws or bolts E. External lugs F, upon the throat A, are hollowed on their under sides, to receive rollers G G', and similar lugs H H', upon the bed-plate B, afford journal-bearings to rollers I I', immediately underneath the rollers G G'. The lugs H H' have openings  $h$  around and beneath the rollers to permit the escape of the chaff and dust.

The upper and lower set of rollers hold between them, and at the same time permit free action of a reciprocating feed-bar, J.

The bar J has a customary seed-delivering orifice,  $j$ , surrounded on the under side of the bar by a square boss,  $j'$ , which, at each stroke of the bar, acts to expel through the openings  $h$  whatever chaff or dust may have accumulated upon the bed-plate.

In order to gather the grain to the discharge-opening, the sides  $a a'$  of the throat are converged concavely, as shown at  $a a'$ .  $b$  is the customary seed-aperture in the bed B.

I claim herein as new and of my invention—

The arrangement of a reciprocating feed-bar, J, having the boss  $j$ , in combination with the rollers I I' G G', and openings  $h$ , as and for the purposes set forth.

In testimony of which invention, I hereunto set my hand.

JOHN M. BLESSING.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.