C. E. DRAKE.

GRAIN-DISTRIBUTERS.

No. 193,695. Patented July 31, 1877.

Fig. 1.

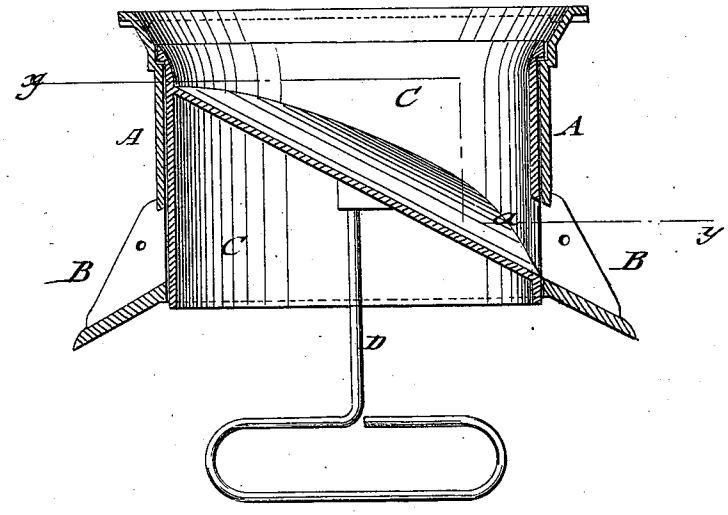
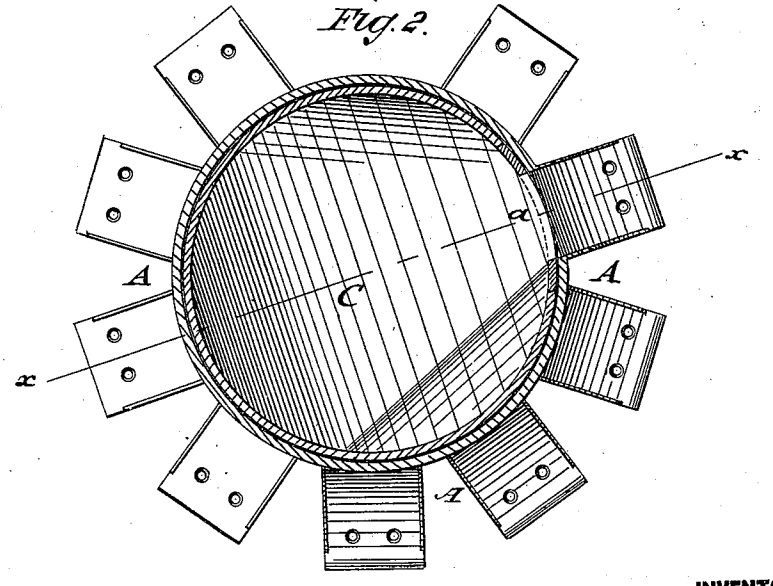


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CORNELIUS E. DRAKE, OF AVOCA, IOWA, ASSIGNOR TO HIMSELF AND JOHN S. MURRAY, OF SAME PLACE.

IMPROVEMENT IN GRAIN-DISTRIBUTERS.

Specification forming part of Letters Patent No. **193,695**, dated July 31, 1877; application filed June 4, 1877.

To all whom it may concern:

Be it known that I, CORNELIUS EDWIN DRAKE, of Avoca, in the county of Pottawattamie and State of Iowa, have invented a new and Improved Grain-Distributer, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical central section of my improved grain-distributer, taken on line *x x*, Fig. 2; and Fig. 2 is a top view, partly in horizontal section on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved grain-distributer for elevator-heads, by which any scattering of grain is avoided and the same delivered to as many bins as desired.

It consists of a distributer with radial spouts and of an interior revolving cylinder with dishing bottom, having exit-apertures of a size corresponding with the spout-openings.

In the drawing, A represents a cylindrical casing or receptacle, provided with any desired number of inclined bin-spouts B, radiating at the lower part from the same. The casing A is secured to the elevator-head, and leaves no room for scattering grain. To the interior of the casing A is fitted a revolving cylinder, C, having inclined or dishing bottom, forming a spout-shaped aperture, *a*, that registers with any one of the bin-spouts B. The bottom C is operated by the ordinary index-rod D, that is attached to the center of the bottom C.

The connection of spouts and casing with the tightly-fitting discharge-cylinder prevents the scattering of the grain, and furnishes a stronger, more durable, and cheaper distributer than those at present in use.

The spouts are secured to the grain-delivering tubes and the adjustable bottom set to any one of the spouts, as required.

The distributer is secured by a top flange to the elevator-box, and serves in effective manner for the purpose for which it is designed.

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

A grain-distributer for elevator-heads, consisting of an outer casing with a number of inclined bin-spouts, and of an interior revolving cylinder with inclined or dishing bottom and spout-shaped exit-aperture, registering with the bin-spouts, substantially in the manner and for the purpose set forth.

CORNELIUS EDWIN DRAKE.

Witnesses:

P. F. MURRAY,

E. W. PEARL.