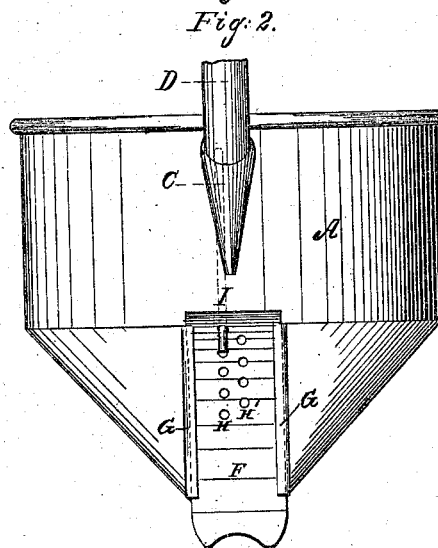
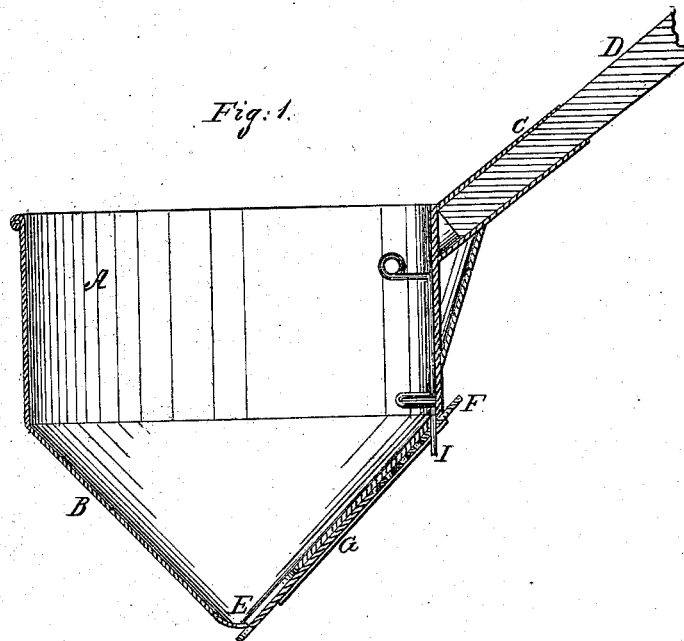


E. R. STEDMAN.  
Guano Distributer.

No. 107,975.

Patented Oct. 4, 1870.



Witnesses.  
A. Benneventoff.  
L. S. Habee.

Inventor.  
E. R. Stedman  
PER *Mumford*  
Atty.

# United States Patent Office.

EDWIN R. STEDMAN, OF SPARTA, GEORGIA.

Letters Patent No. 107,975, dated October 4, 1870.

## IMPROVEMENT IN GUANO-DISTRIBUTERS.

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, EDWIN R. STEDMAN, of Sparta, in the county of Hancock and State of Georgia, have invented a new and improved Hand Guano-Distributor; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same; reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in apparatus for sowing guano, plaster, and other like substances, in the rows or drills in which the seed is planted.

It consists in a small tin or other sheet-metal cup, with a short socketed or other suitable handle for the reception of a longer wooden one, and having a hole at the apex of the conical bottom over which works a slide for regulating the discharge, said slide being held by a pin, or it may be any other fastening, engaging it at certain pre-arranged points by which it holds the slide at certain graduated positions for discharging the required quantities per acre.

Figure 1 is a sectional elevation of my improved distributor, and

Figure 2 is a side elevation of the same.

Similar letters of reference indicate corresponding parts.

A is the tin or other vessel, which may be cylindrical or of any other form, and it has a conical, or it may be any other pointed bottom, B.

C is the short socketed handle or shank.

D is a wood or other handle fitted thereto.

E is the opening at the bottom. Said opening is elongated in one side, preferably toward the handle.

F is the slide, fitted in ways G, on the outside of the conical handle, to move back and forth over the opening for varying the same.

This slide has one or more rows of holes, H H', for the pin I, fitted to work up and down the side of the vessel A, to pass through the holes and hold the slide where required, said holes being graduated to hold the slide so that the opening may have different capacities for discharging different amounts per acre, the row H being adapted for gauging, say, from fifty pounds per acre upward by one hundred pounds, and the row H' from one hundred pounds up in the same measure.

When the row H is to be used, the slide is turned the other side up, being first drawn out.

This distributor is filled by dipping into the stock contained in a bag or larger vessel, and carried along with the operator, who holds the distributor over the drill in which the guano is to be dropped, and walks along the same until the distributor becomes empty, when it is filled again, and so on.

It will be seen that this distributor may be constructed very cheaply; also, that besides using it by hand, as above stated, it may be attached to a truck, and the guano poured into it.

Having thus described my invention,

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

As an improved article of manufacture, the improved guano or plaster-distributor, constructed and arranged substantially as herein described.

The above specification of my invention signed by me this 22d day of August, 1870.

EDWIN R. STEDMAN.

Witnesses:

GEO. W. MABEL,

ALEX. F. ROBERTS.