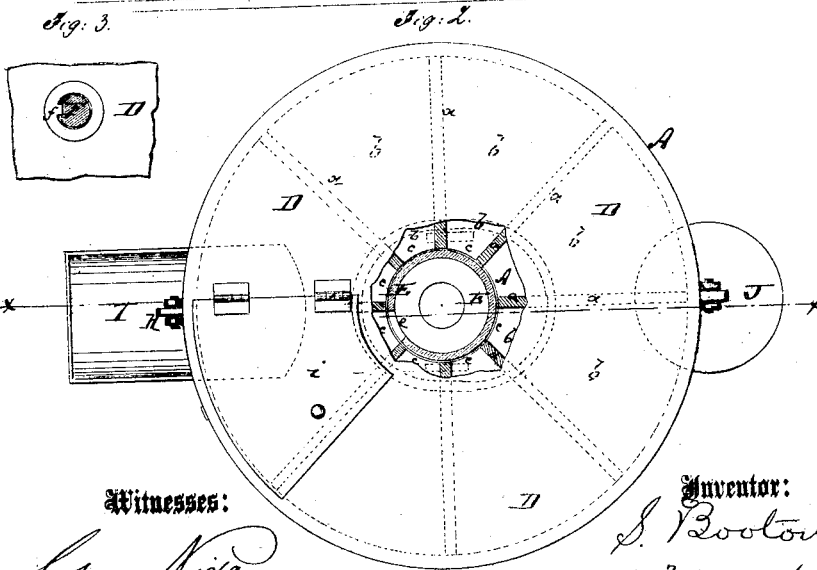
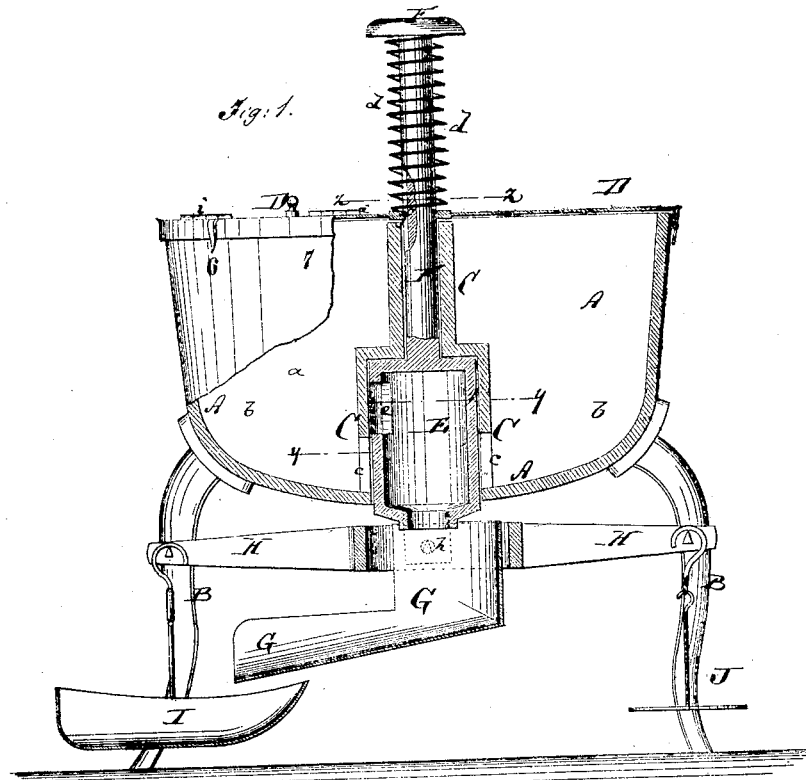


S. Booton,
Shot Case.

No. 110,625.

Patented Jan. 3. 1871.



Witnesses:

Chas. Nick.
L. S. Mabee

Inventor:

S. Booton
Mumf. & Co.

PER

Attorneys.

United States Patent Office.

SINCLAIR BOOTON, OF SEGUIN, TEXAS.

Letters Patent No. 110,625, dated January 3, 1871.

IMPROVEMENT IN SHOT-CASES AND 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, SINCLAIR BOOTON, of Seguin, in the county of Guadeloupe and State of Texas, have invented a new and improved Shot-Case and Distributer; 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.

Figure 1 represents a vertical section of my improved shot-case and distributor, *x x*, fig. 2, being the section-line.

Figure 2 is a plan view, partly in section, of the same, *y y*, fig. 1, being the section line.

Figure 3 is a detail horizontal section of part of the same, the line *z z*, fig. 1, indicating the plane of section.

Similar letters of reference indicate corresponding parts.

This invention relates to a new receptacle for holding several grades of shot, and to an adjustable distributing device for the same.

Its object is to enable traders to keep the several kinds or grades of shot in one receptacle, but so that suitable quantity of any one kind can be readily and conveniently measured out.

A in the drawing represents a bowl-shaped vessel, supported on suitable standards or posts, B B.

The center of the vessel A contains a fixed vertical tube, C, from which radial partitions, *a a*, extend to the circumference of the vessel, as is clearly indicated in fig. 2.

By these partitions the vessel A is divided into a suitable number of sector-shaped compartments *b b*.

D is the cover of the bowl, placed loosely upon the same, and provided with an opening of about the size of one compartment, *b*, so that by turning the cover any one compartment may be opened for inspection.

The tube C has an aperture, *c*, in line with each compartment *b*.

All the apertures *c* are closed by a tube, E, which is arranged within C, and suspended from a shank or post, F, which extends upward through the top of the bowl.

A spring, *d*, of suitable kind, draws up the post F and tube E.

The tube E has in its side one aperture, *e*, which is in line with the opening in the cover D.

The cover is by a feather, *f*, connected with the post F, so that it can only be turned together with the same and the tube E, allowing, however, the independent vertical adjustment of E and F.

Thus it is that the aperture *e* remains always in line with the opening in the cover D, they (the opening *e*, and that in D) being originally arranged to be so in line, and consequently whichever compartment is under the opening of the cover D is also in line with the aperture *e*.

By pressing down the post F and tube E, the last-named aperture can be brought opposite the opening *c* of the named compartment.

G is a spout, suspended from the under side of the bowl A, beneath the open lower ends of the tubes C E.

H is a balance-beam, suspended from a pivot, *h*, that projects from the spout G, or other pendant of the bowl.

I is a scale-dish, suspended from one end of the beam H under the discharge-end of the spout.

The opposite end of the beam is provided with pendent weights, J.

The several kinds or grades of shot are placed in the several compartments *b b*.

They can be successively inspected by bringing the opening of the cover above the same.

Whenever it is desired to discharge part of the contents of one compartment, the opening in the cover is brought in line therewith, and then the post F is pressed down to bring the aperture *e* in line with the opening *c* of the open compartment.

The shot will then flow through the openings *c e* into the tube E, and thence into the spout G, whence it is discharged into the scale-dish I.

When the desired quantity of shot has been collected within the dish I the post F is released, to be drawn up by the spring. Further discharge is thereby prevented.

The opening in the cover may be held closed by a hinged or other lid, *i*.

Having thus described my invention,

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

1. The vertically-adjustable perforated tube E, arranged within the hollow center of a vessel, A, that is divided into several compartments, substantially as and for the purposes herein shown and described.

2. The cover D, arranged on the bowl A, and fitted around the vertically-adjustable post F and tube E, in such manner that its opening is in line with the opening *e* in the tube E, substantially as herein shown and described.

SINCLAIR BOOTON.

Witnesses:

A. V. BRIESEN,
GEO. W. MABEE.