(No Model.)

Q. A. ELLIS.

SHOT CASE.

No. 293,437. Patented Feb. 12, 1884.

Fig. 1.

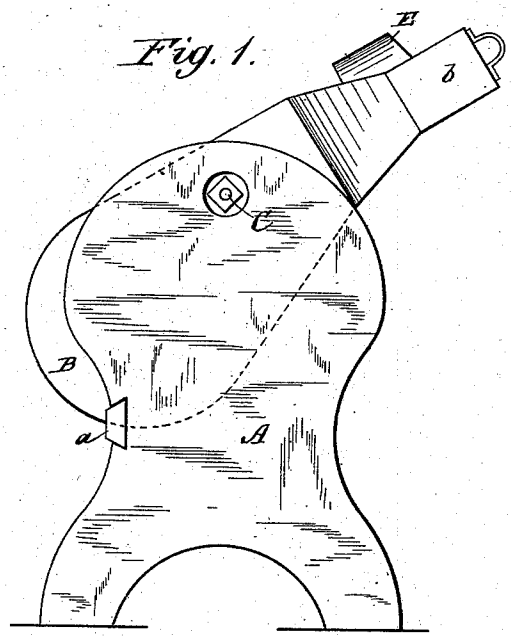


Fig. 4.

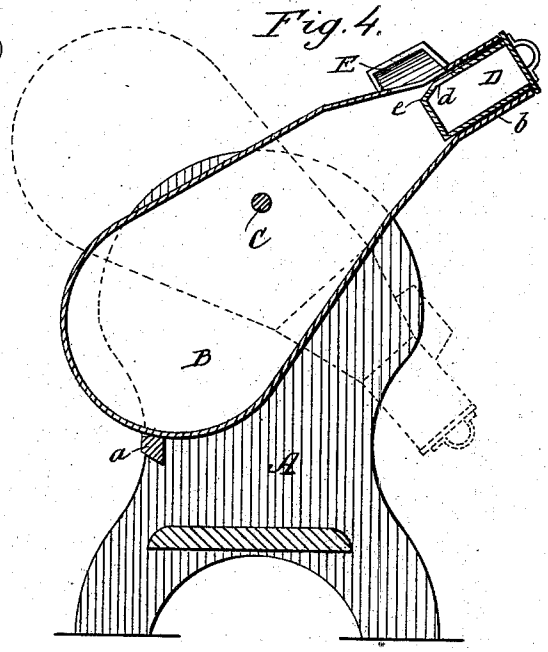


Fig. 2.

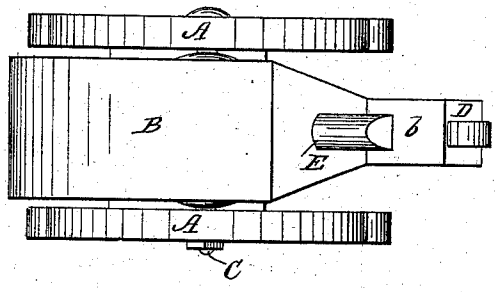
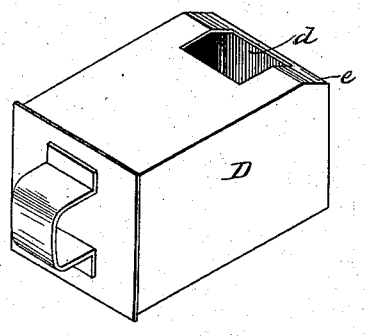


Fig. 3.



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UNITED STATES PATENT OFFICE.

QUINCY ADAMS ELLIS, OF GATESVILLE, TEXAS.

SHOT-CASE.

SPECIFICATION forming part of Letters Patent No. 293,437, dated February 12, 1884.

Application filed September 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, QUINCY ADAMS ELLIS, a citizen of the United States, residing at Gatesville, in the county of Coryell and State of Texas, have invented a new and useful Improvement in Shot-Cases, of which the following is a specification.

This invention relates to that class of shot-cases used by dealers to store a large quantity of shot in and to draw from in small quantities to retail.

The object of the invention is to draw given quantities of shot from the case without the necessity of weighing each draft.

To this end the invention consists in a case, means for hanging the same, and a charger, as hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of my invention. Fig. 2 is a top view of the same, and Fig. 3 is a detail in perspective. Fig. 4 is a longitudinal vertical section, illustrating the working of the invention.

A represents a frame, consisting of two end pieces held together by a bottom piece.

B is the case, made somewhat in the form of a powder-flask and hung to frame A by means of a bolt, C, passing through both. The case is so balanced that large end hangs down and rests on a cross-bar, *a*, which is dovetailed into the frame.

D is a charger, made of a size to contain a certain weight of shot, which weight may be any convenient unit; but for the purpose of this specification I shall call it "one pound." This charger is practically a drawer all closed except a small opening, *d*, in its top at the rear end, which top is a little slanted, as shown at *e*. The spout *b* of the case is adapted to receive the charger fitting closely therein as a removable drawer.

E is a recess in the top side of the spout, formed by extending the wall of the spout outward. This recess bridges over the rear end of the charger, and communicates between the main chamber of the case and the hole *d*, leading to the interior of the charger. The drawer being removed, the case may be filled with shot up to the level of the back end of the drawer.

In operation, the charger being inserted to its place in the spout, the case is tipped forward, carrying the spout low down, as in dotted lines, Fig. 4, when the shot will rush forward and fill the charger, running into it through the recess E. Now, the case is tipped back to its rest on the cross-bar, and the charger may be removed full of shot. The case rocking forward fills the charger, the case rocking backward carries the bulk of the shot back out of the way, so that none can escape on removal of the charger, and all shot more than the exact fill of the charger run from the rear end thereof, leaving inside the exact pound required.

A number of cases may be hung on the same rod to hold shot of different sizes, the size of the charger in each case being adapted to hold one pound of shot of that particular size. As shot usually come in twenty-five pound bags, cases capable of holding that amount each would be a suitable size.

This invention may be readily adapted as a powder case or can by merely adapting the size of the charger to hold powder to the amount of some unit of weight—say one-quarter of a pound, as that is a common retail quantity.

The advantages of this device are certainty of correct measurement, simplicity of operation and mechanism, and its low first cost.

While I prefer the case in the oval form shown, triangular or churn shaped cases will accomplish the same end.

What I claim as my invention, and wish to secure by Letters Patent, is—

1. A case tapering toward its spout, a charger fitting said spout to slide therein, and a rod passing through said case to support it, the case being hung upon the rod to balance the spout upward, substantially as described.

2. The combination, with a case tapering toward its spout and means for hanging the same to balance the spout upward, of a drawer fitting said spout to slide therein, said drawer having a bottom, two sides and two ends, and an opening in its top, said case having an offset in the upper side of its spout, extending over the rear end of the drawer when inserted as described, whereby communication is made between the interior of the case and the interior of the drawer.

QUINCY ADAMS ELLIS.

Witnesses:
B. MOORE,
J. E. MOORE.