(No Model.)

A. WYSONG.

SHOT CASE.

No. 262,881. Patented Aug. 15, 1882.

Fig. 1.

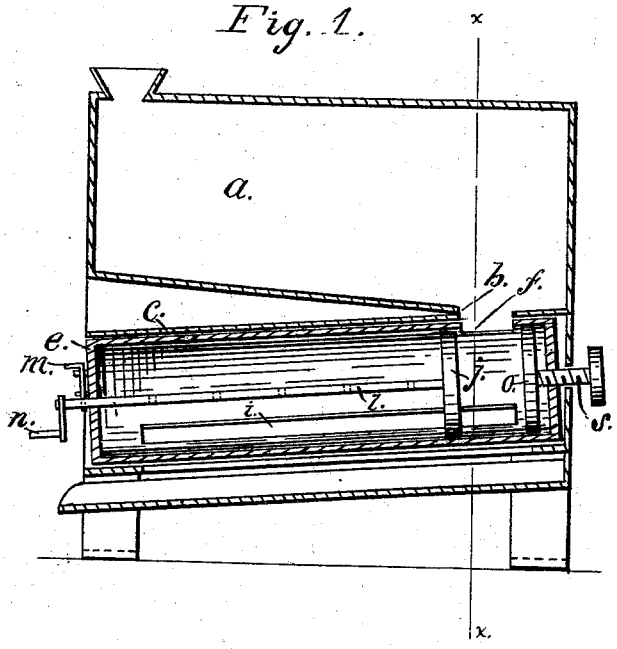
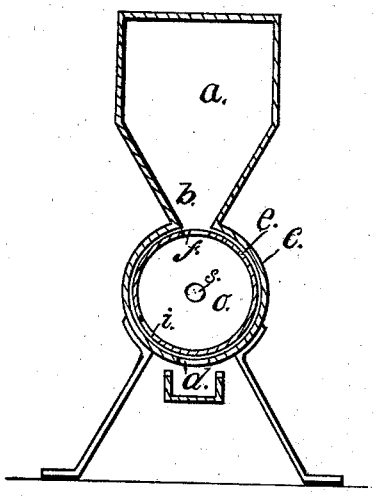


Fig. 2.



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UNITED STATES PATENT OFFICE.

ADOLPHUS WYSONG, OF LEBANON, INDIANA.

SHOT-CASE.

SPECIFICATION forming part of Letters Patent No. 262,881, dated August 15, 1882.

Application filed May 1, 1882. (No model.)

To all whom it may concern:

Be it known that I, ADOLPHUS WYSONG, a resident of Lebanon, in the county of Boone, State of Indiana, have invented a new and useful Improvement in Shot-Cases, of which the following is a specification, having reference to the accompanying drawings.

My invention relates to an improved case for the use of retail dealers in storing and delivering shot and other articles which have the like quality of moving readily and easily over an inclined surface by force of gravitation, my object being to combine with a case for holding and storing shot and other articles an adjustable measuring device adapted to measure different quantities, to be filled from the storage-chamber, and to be emptied without removal from the case.

My invention consists in a storage-case having converging sides and an inclined bottom, all converging to an open slot, and the sides expanding below said slot to form a cylindrical tube having a longitudinal slot in the lower side, within which tube another tube revolves of like form, provided in its interior with a movable transverse partition controlled from the outside, and having one or more longitudinal slots, all so arranged and combined that the aforesaid interior tube will receive a given amount of the contents of the storage-chamber, which amount is governed by the aforesaid movable partition, and on being partially revolved will close the inlet-aperture and discharge its contents into a receptacle below, the shot or other articles moving freely by force of gravitation, as hereinafter fully set forth.

The accompanying drawings illustrate my invention.

Figure 1 is a longitudinal section; Fig. 2, a transverse section through *x x*, both taken vertically.

Like letters refer to the same parts in both figures.

a is the storage-chamber, made preferably of sheet metal, and having its sides and bottom converging to the opening *b*, the sides afterward expanding to form the cylindrical inclined tube *c*, which is provided with a slot, *d*, extending along its lower side nearly its entire length. Within tube *c* another tube, *e*, is fitted, filling the same, but easily revolved therein. Tube *e* is provided with a top opening, *f*, corresponding to the opening *b*, and has also a slot, *i*, extending nearly its whole length, a little to one side of the slot *d* in the case, the arrangement being such that when openings *f* and *b* are opposite slot *d* is closed by tube *e*, and when tube *e* is then partially revolved slots *d* and *i* are opposite and *b* is closed. Within tube *e* a transverse partition, *j*, is fitted to fill but to move easily therein. A flat bar, *l*, is attached to said partition, which bar extends through the front closed end of the tube, being held longitudinally in position by the sliding bolt *m*, which fits into one of a series of holes made in the bar, thereby graduating it to indicate the weight in pounds or ounces of the contents of the tube. To the front end of bar *l* is attached a handle, *n*. The rear end of tube *e* is closed with two disks, one soldered fast to the tube, and the other, *o*, is movable by means of the screw *s*, the purpose of which is to more nicely adjust the interior length of the open space in tube *e* than can be done with bar *l*.

The operation of my device is as follows: The chamber *a* having been filled with shot or similar articles through the hopper *t*, and it being desired to take therefrom, say, one-half pound, bar *l* is drawn outward till bolt *m* engages the hole in said bar marked ½. Tube *e* is then so turned by handle *n* that openings *f* and *b* are opposite. That portion of tube *e* between partition *j* and the rear end is filled at once by the shot falling into it. By partially revolving tube *e* opening *b* is closed and slots *i* and *d* come opposite and tube *e* is emptied, the shot falling into an inclined trough, *u*, by which they are conducted to the front of the case, where they are received in any suitable vessel. It is obvious that the device may be used for any article which will readily and entirely run into tube *e* and along trough *u*. Tubes *c* and *e* being inclined toward the front end of the case, and the opening *b* being near the extreme rear end, insure the perfect filling of tube and the complete discharge of its contents.

I claim as my invention—

1. The combination, substantially in the manner described, of a case or storage-chamber having converging sides terminating in

a cylindrical tube open along its lower side, with a corresponding cylindrical tube adapted to revolve within said first-mentioned tube, and to receive and discharge successive separate quantities of the contents of said storage-chamber, and a means for adjusting from the outside the interior receiving capacity of the said revolving tube.

2. The combination, with chamber *a* and tubes *c* and *e*, of the movable partition *j* and bar *l*, for the purpose set forth.

3. The combination, with tube *e*, partition *j*, and bar *l*, of the movable end *o* and set-screw *s*, for the purpose set forth.

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Witnesses:

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