Aug. 30, 1927. 1,640,583

H. STEINRUCK

DISPLAY CASE

Filed Sept. 17, 1925

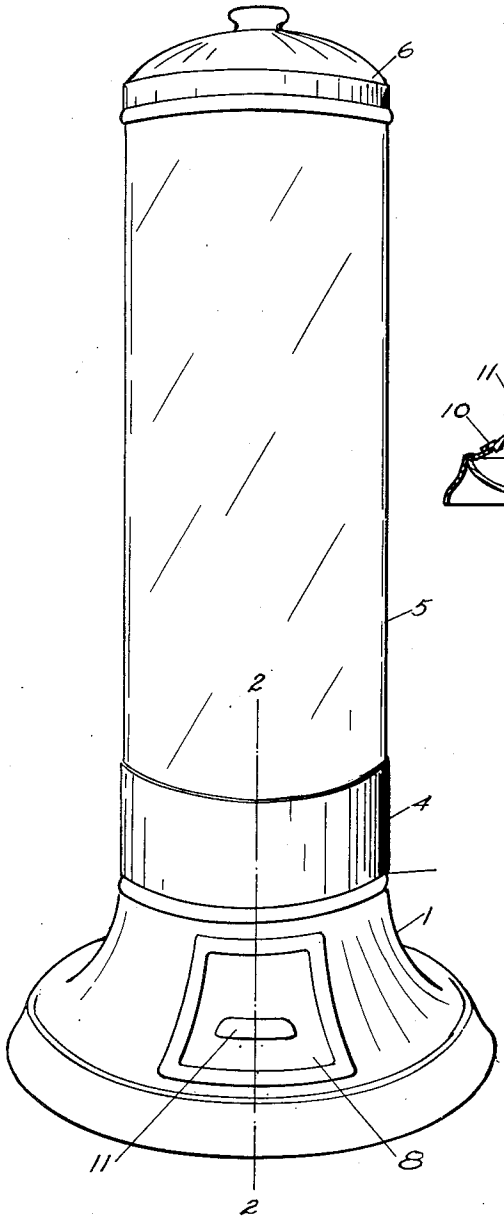

FIG. 1.

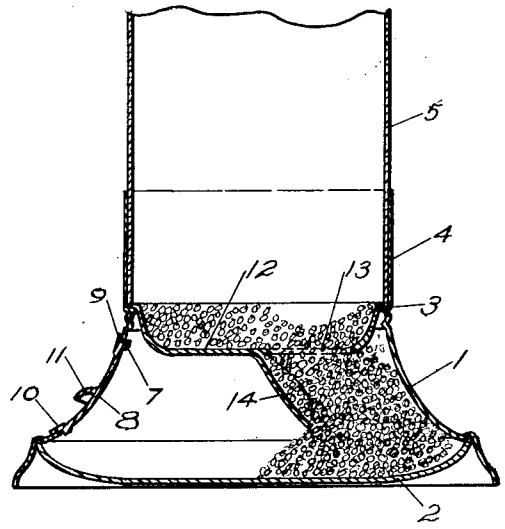

FIG. 2.

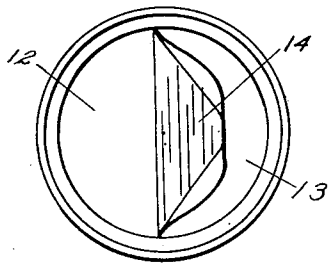

FIG. 3.

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UNITED STATES PATENT OFFICE.

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DISPLAY CASE.

Application filed September 17, 1925. Serial No. 56,856.

The invention is designed to improve the appearance and convenience of display cases and also its structural features. Details and features of the invention will appear more fully from the specification and claims.

The invention is illustrated in the accompanying drawings as follows:—

Fig. 1 shows a perspective view of the display case.

Fig. 2 is a section on the line 2—2 in Fig. 1.

Fig. 3 a plan view of the baffle plate.

The base is formed with flaring annular walls 1. A bottom 2 is secured in the base, the edges of the bottom entering a groove 1^a in the lower part of the flaring portion of the base. The bottom is rounded at its periphery so that all portions of the bottom may be readily reached for cleaning and to prevent the lodgment and indefinite retention of material in parts of the base.

The base is grooved or crimped at 3 forming an interior shoulder. A telescoping extension and guide 4 extends upwardly from the shoulder 3. The extension is cylindrically shaped and receives the glass tube 5. The telescoping portion 4 is sufficiently long so as to give ample support to the glass portion which is of necessity more or less fragile. A cap or cover 6 is provided for the top of the glass through which the receptacle may be loaded.

An opening 7 is formed in the front of the flaring portion thus giving a slight inclination to this opening which adds to its convenience. A cover 8 is provided for this opening, this having the grooved portion 9 at its upper part and an overlap 10 at its lower part with an operating handle 11. The cover, as it will be readily seen, may be hooked into place as it were and readily retained in this position.

In devices of this kind difficulty is experienced in so controlling the flow of material from the display portion of the case to the base so that it may be readily removed and at the same time may not overflow the opening. Some materials flow very readily and others require free running in the transfer from the upper case to the base. It is desirable to have the device so arranged that it will accommodate the different materials without adjustment. In the present invention this is accomplished with a baffle 12 which rests on the shoulder 3. It is provided with an opening 13 in its rear portion, this opening being formed by striking down a spout 14. This spout 14 prevents a flow of material toward the front or opening and consequently prevents the overflowing of the free-running material. At the same time it permits of a large enough opening so as to assure the transfer of the less freely moving material.

What I claim as new is:—

1. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and creased to form an internal shoulder and extending above the shoulder in cylindrical form; a door in the flared part of the base; a bottom forming a closure of the bottom end of the flared portion of the base; and a transparent cylindrical shell telescoping the cylindrical portion of the base and supported in the shoulder.

2. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and creased to form an internal shoulder and extending above the shoulder in cylindrical form; a transparent cylindrical shell telescoping the cylindrical portion of the base and supported on the shoulder; and a baffle carried by the shoulder and having an opening toward the rear.

3. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and creased to form an internal shoulder and extending above the cylinder in cylindrical form; a transparent cylindrical shell telescoping the cylindrical portion of the base and supported on the cylinder; and a baffle carried by the shoulder and having an opening toward the rear with a spout extending downwardly from the front of the opening.

4. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and having an opening in its side for withdrawing material and creased to form an internal shoulder and extending above the shoulder in cylindrical form; a transparent cylindrical shell telescoping the cylindrical portion of the base and supported on the shoulder; and a bottom in the base below the opening, said bottom being curved upwardly at its periphery and secured to the shell of the base.

5. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and creased to form an internal shoulder and extending above the shoulder in cylindrical form; a transparent cylindrical shell telescoping the cylindrical portion of the base and supported on the shoulder; a bottom in the base, said bottom being curved upwardly at its periphery and secured to the shell of the base; and a door detachably mounted in the flaring portion of the base above the bottom.

6. In a display case, the combination of a base formed of sheet metal of annular form flared toward the bottom and creased to form an internal shoulder and extending above the shoulder in cylindrical form; a transparent cylindrical shell telescoping the cylindrical portion of the base and supported on the shoulder; a baffle resting on the shoulder and having an opening toward the rear; and a door arranged in the front and flaring portion of the base.

In testimony whereof I have hereunto set my hand.

HERMAN STEINRUCK.