

E. LEISS.
EGG TESTER.
APPLICATION FILED AUG. 28, 1908.

933,472.

Patented Sept. 7, 1909.

Fig. 1

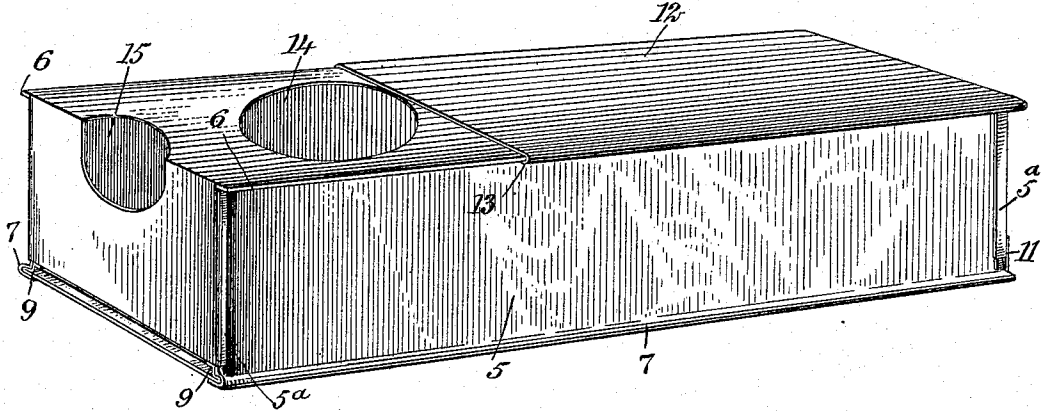


Fig. 2

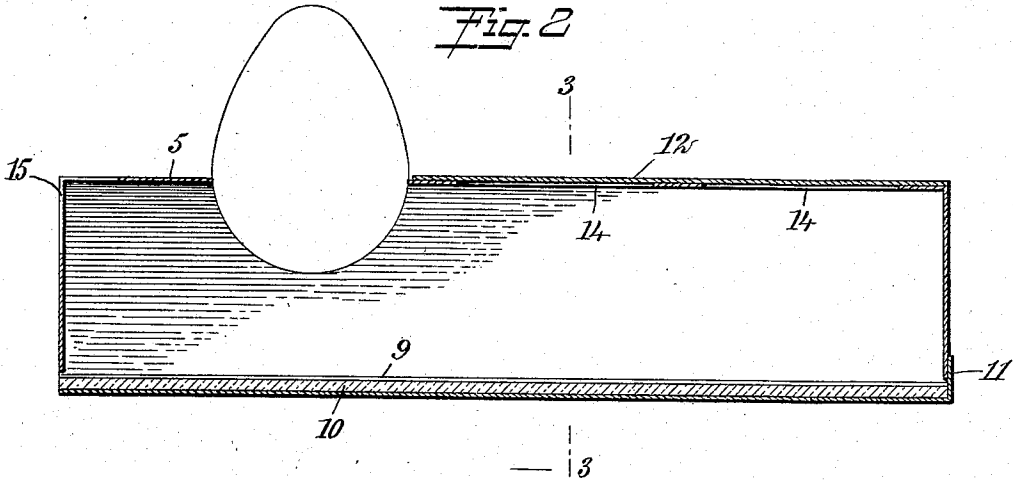
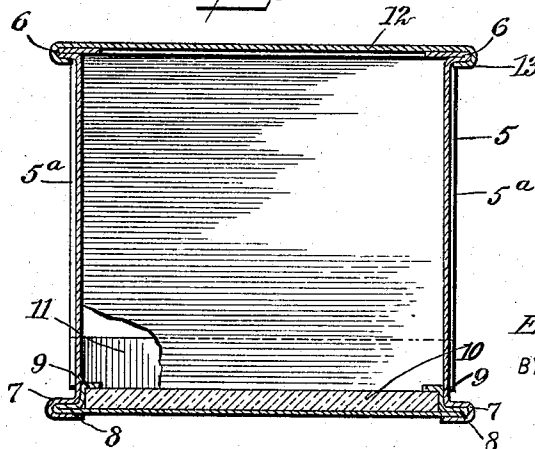


Fig. 3



WITNESSES
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EVELYN LEISS, OF BRONXVILLE, NEW YORK.

EGG-TESTER.

933,472.

Specification of Letters Patent.

Patented Sept. 7, 1909.

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To all whom it may concern:

Be it known that I, EVELYN LEISS, a citizen of the United States, and a resident of Bronxville, in the county of Westchester and State of New York, have invented a new and Improved Egg-Tester, of which the following is a full, clear, and exact description.

The invention belongs to that class of egg testers which consists of a box having openings in the top in which eggs are adapted to be seated, in combination with a mirror in the box under the openings, for reflecting such light as passes through the eggs, the same being observable through a sight-opening located at a convenient point above the mirror.

The invention may be defined as consisting of a box having a top, sides and ends made of a single piece of sheet metal folded upon itself at the top and bottom edges of the sides to form flanges, said top having openings in which the eggs may be seated, and provided with a sight opening adjacent to one end thereof, a bottom of sheet metal folded upon itself at the edges to provide flanges and ways, with the flanges of the bottom slidable within the bottom flanges of the sides, a reflector slidable within the ways of the bottom, and a cover slidable on the top flanges of the sides for covering certain of said openings.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of my improved egg tester when wholly assembled, the cover being shown in a position as when a single egg is to be tested; Fig. 2 is a longitudinal central vertical section of the tester; and Fig. 3 is a cross-section of the same substantially on the line 3—3 of Fig. 2.

An egg tester constructed in accordance with my invention includes a box 5 composed of a top, sides and ends, the same being preferably formed of a single blank of sheet metal by turning the ends directly downwardly and folding the metal upon itself at the top and bottom longitudinal edges of the sides, to respectively form flanges 6 and ways 7. After the sides have been bent down to positions at right-angles to the top, the vertical edges of the ends are

bent inwardly to engage over them as indicated at 5^a, holding the same in proper relative position. The bottom of the box is constructed of a separate piece of sheet metal which is folded upon itself at the opposite side edges to form flanges 8 and ways 9, the flanges being such as to slidably fit in the ways 7, and the ways 9 slidably receiving a mirror or other reflector 10, thus permitting the bottom of the box to be removed for cleansing and other purposes, and the mirror to be slid from the bottom and renewed when broken or otherwise injured. To facilitate the removal of the bottom, the metal at one end thereof is turned upwardly to form a lip 11, the same operating as a stop for limiting the insertion of the mirror and also for limiting the insertion of the bottom.

Slidable over the top of the box is an imperforate cover 12 which is bent over at opposite side edges to form ways 13 which engage the flanges 6. This cover is of such length as to cover all but one of a number of openings 14 formed in the top of the box, and in which the eggs are adapted to be seated. In this way the light may be excluded from such of the openings 14 as are not in use, and a single egg can thus be effectively tested. The light passing through the egg will be reflected by the mirror 10, and is observable through an opening 15 formed at one end of the box adjacent to the top. If the egg be fresh, the light will freely pass through it and will be clearly observed from the mirror. As the egg grows older, the light will be excluded in proportion to its age, and after a certain period will shut out the light altogether. By placing several eggs in position to be tested, the freshest may be selected by comparison of their respective reflected lights.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

The herein-described egg tester comprising a box, the top, sides and ends of which consist of a single piece of sheet metal folded upon itself at the top and bottom edges of the sides to form flanges, said top having openings in which the eggs may be seated, and provided with a sight opening adjacent to one end thereof, a bottom of sheet metal folded upon itself at the edges to provide

flanges and ways, with the flanges of the bottom slidable within the bottom flanges of the sides, a reflector slidable within the ways of the bottom, and a cover slidable on the
5 top flanges of the sides for covering certain of said openings.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

EVELYN LEISS.

Witnesses:

W. W. HOLT,
JOHN P. DAVIS.