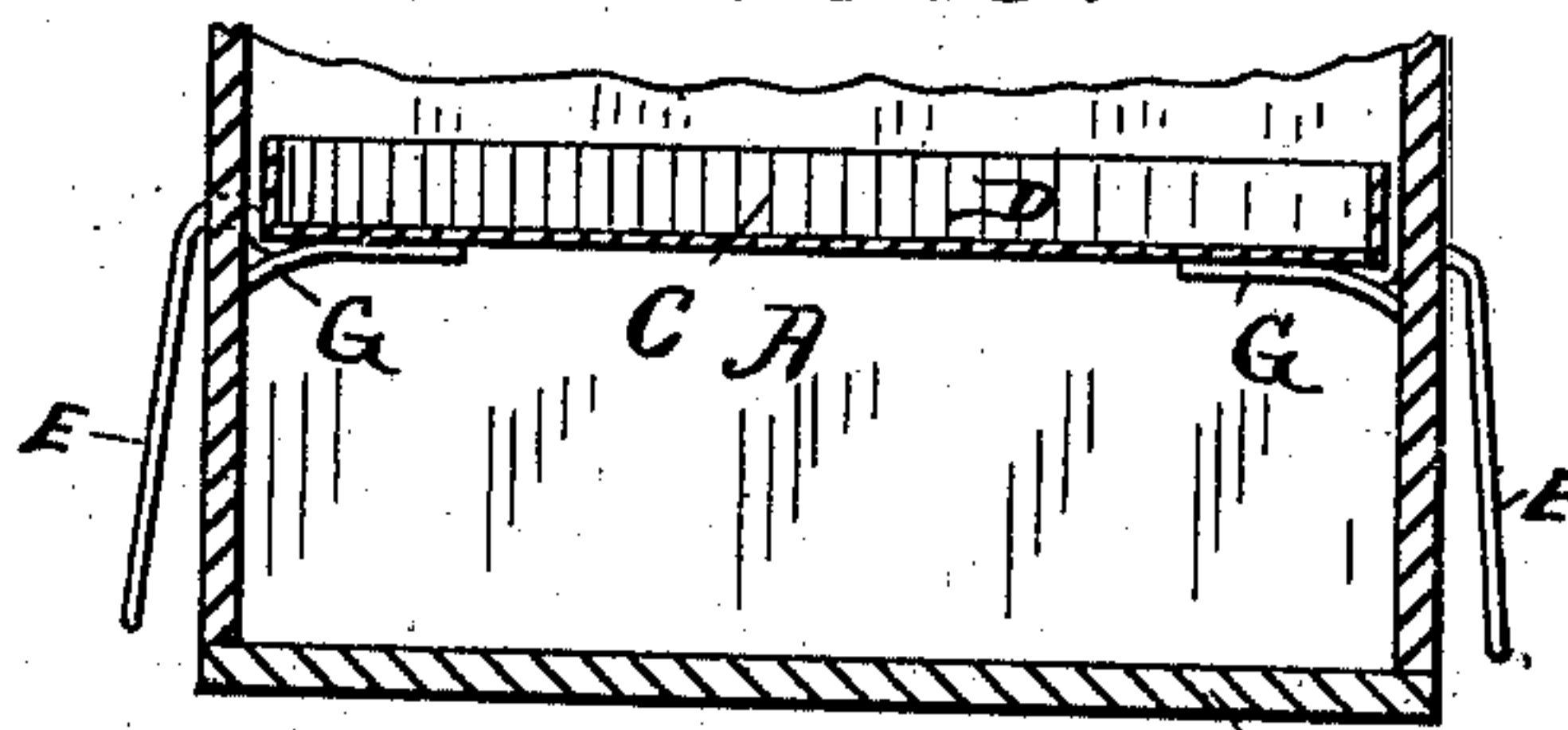
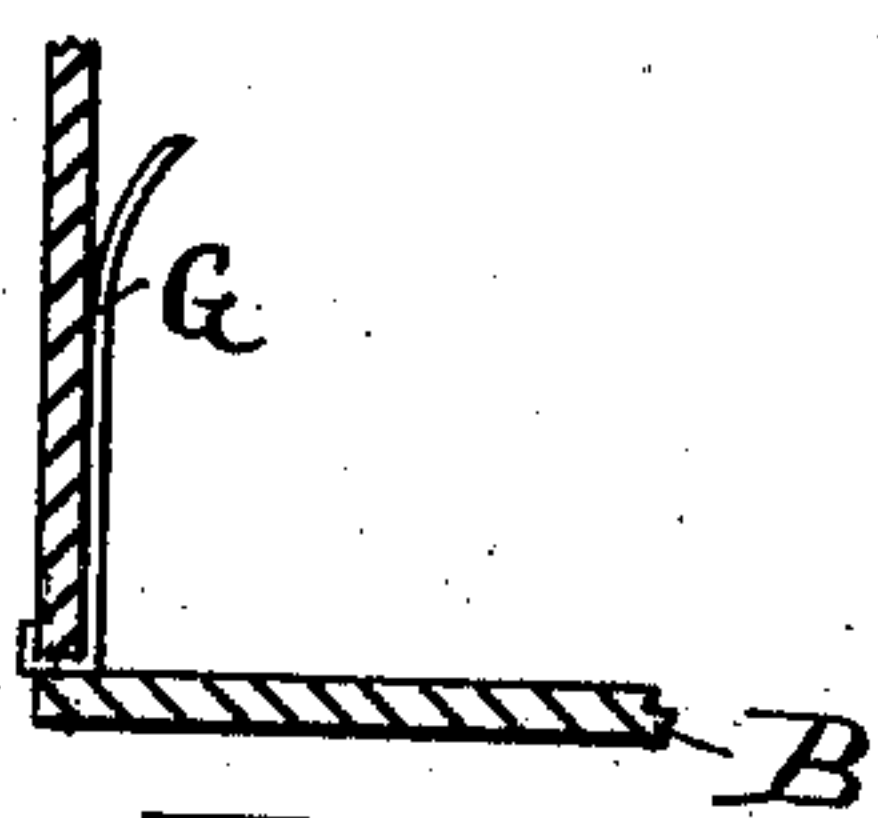
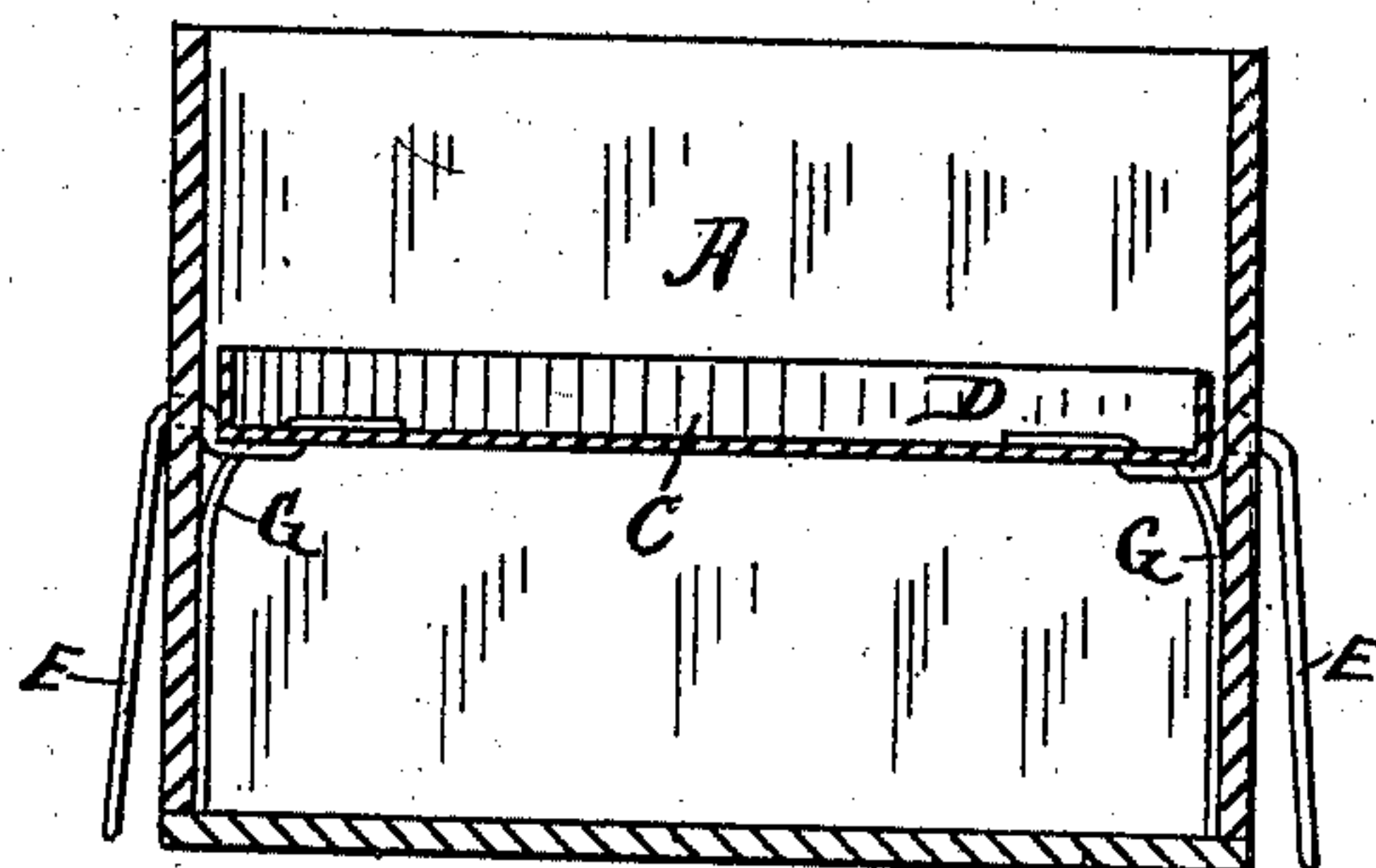
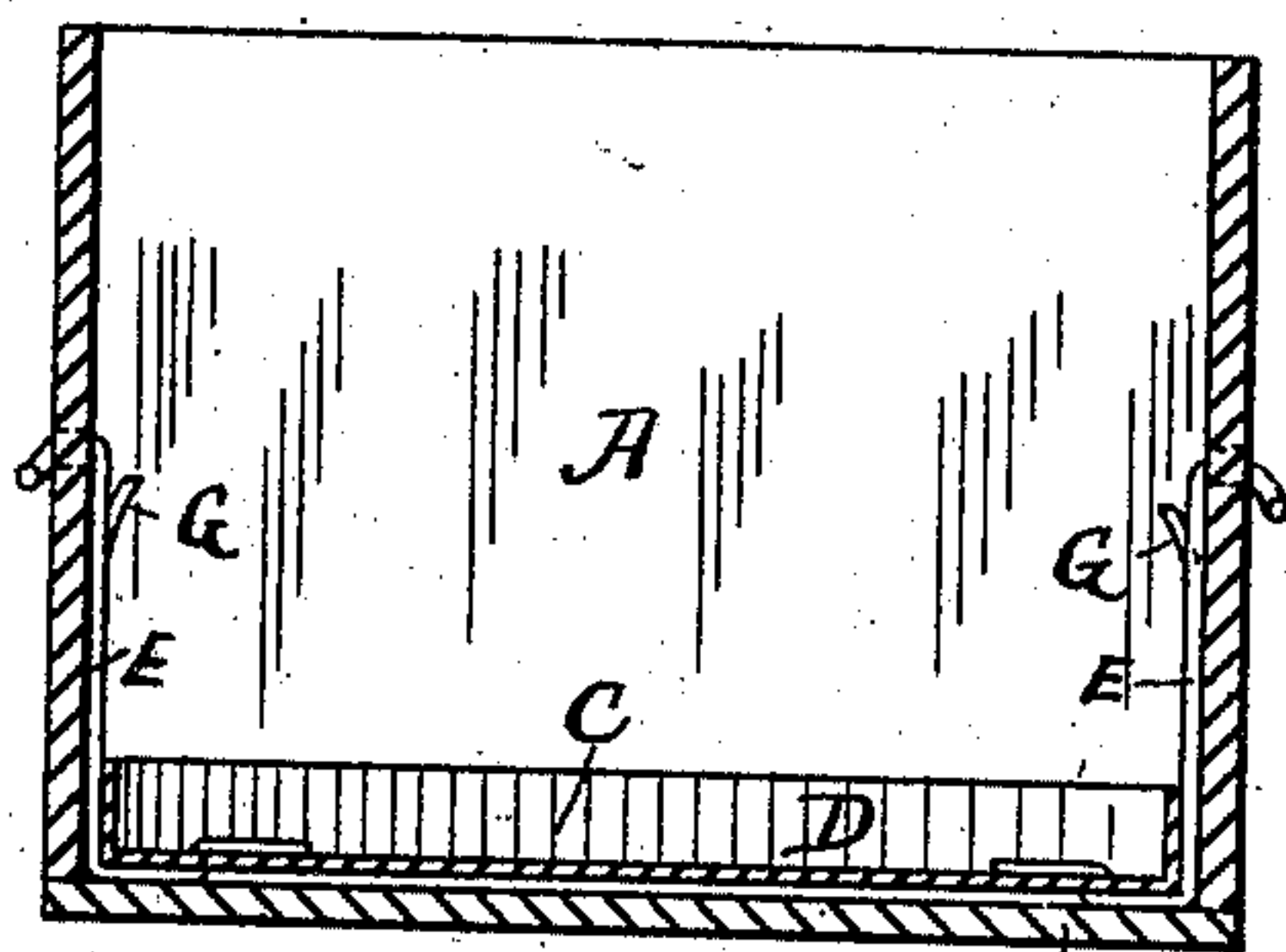
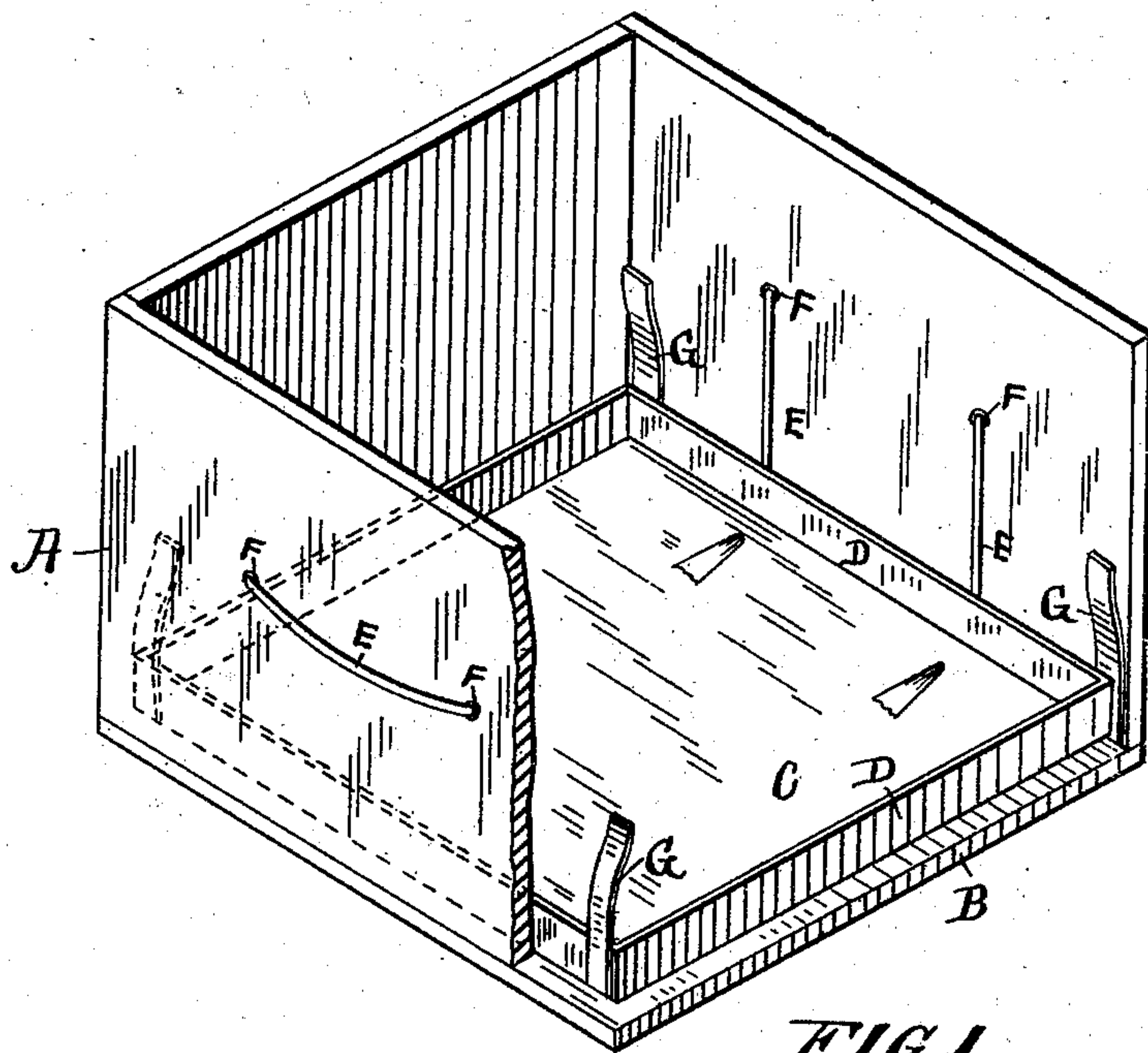


(No Model.)

J. H. O'NEIL.  
BOX.

No. 505,533.

Patented Sept. 26, 1893.



WITNESSES:

H. V. Liss  
C. W. Haines

INVENTOR

John H. O'Neil  
by his attorney  
Chas A. Rutter



# UNITED STATES PATENT OFFICE.

JOHN H. O'NEIL, OF PHILADELPHIA, PENNSYLVANIA.

## BOX.

SPECIFICATION forming part of Letters Patent No. 505,533, dated September 26, 1893.

Application filed June 10, 1893. Serial No. 477,148. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. O'NEIL, a citizen of the United States, and a resident of the city and county of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

My invention relates to improvements in boxes for holding cigars, &c., and it consists of a box furnished with a false bottom which may be raised when the box is partly emptied so as to raise the contents of the box and give a partly empty box the appearance of a full box.

In the accompanying drawings forming part of this specification, and in which similar letters of reference indicate similar parts throughout the several views, Figure 1, is a perspective view partly in section of a cigar box furnished with my improvements; Fig. 2, a central sectional elevation of a cigar box furnished with my improvements, the false bottom being lowered; Fig. 3, a similar view, the false bottom being raised; Fig. 4, a similar view, the false bottom carrying the springs which support it, and Fig. 5, a side elevation of one of the springs shown in Figs. 1, 2 and 3, and part of one side and bottom of the box.


A is a box of ordinary construction, B the bottom of the box, C a false bottom, which may be made of a flat piece of wood or metal conforming in shape to the shape of the box, but being a little smaller than the box so that it may be moved up or down without binding against the sides of the box. This false bottom may be formed of card board if desired, and if so it should be furnished with raised edges D, as shown in the drawings, to strengthen it and prevent it from warping; this construction may also be found desirable when the false bottom is of wood.

E, are cords or tapes the end or ends of which are secured to the false bottom C and which pass upward and then out through holes F in the ends or sides of the box A. In Fig. 1 the cords E are shown with their ends secured to the false bottom, the cord passing

through holes F, F, in the sides of the box and its bight being entirely outside of the box. 50

G are springs secured to the sides of the box and near its lower inside corners. The upper ends of these springs are free and stand out from the sides of the box as shown and are adapted to form supports for holding the false bottom when it is raised. 55

When it is desired to raise the false bottom the cords E, which are attached to opposite sides of the false bottom and which project out through the holes F in the sides of the box A, are grasped and drawn outward and raise the false bottom. As this latter rises it compresses the springs G, and when it passes the tops of these springs they assume their normal positions and form supports upon which the four corners of the false bottom may rest. 60

In Fig. 5, a side elevation of one of the springs G is shown from which it will be seen that its lower end may be  shaped in order to fit over the lower edge of the side of the box and to be held in place thereby. 65

In Fig. 4, the springs G are shown as attached to the bottom of the false bottom, their ends bearing against the sides of the box A. 70

It will be understood that other arrangements of springs or catches may be used for supporting the false bottom when raised.

In addition to causing a partly empty box to appear as a full one, my box is useful in that it makes it more easy to remove the contents of a partly empty box by raising the articles from the bottom to a point near the top of the box. 75

Having thus described my invention, I claim— 80

1. The combination with a box of a false bottom, cords secured to said false bottom and passing upward and then through the sides of said box and by means of which said bottom may be raised and springs for supporting said false bottom when raised. 85

2. The combination with a box of a false bottom, cords passing through holes in opposite sides of said box and the ends of which 90

are secured to the sides of said bottom and the bights of which are outside said box, and springs for supporting said bottom when raised.

- 5 3. The combination with a box of a false bottom formed of card board, raised edges on said bottom, cords secured to said bottom and

passing upward inside of said box and out through holes in the sides of said box, and springs for holding said bottom when raised.

JOHN H. O'NEIL.

Witnesses:

CHRISTOPHER FALLON,  
CHAS. A. RUTTER.