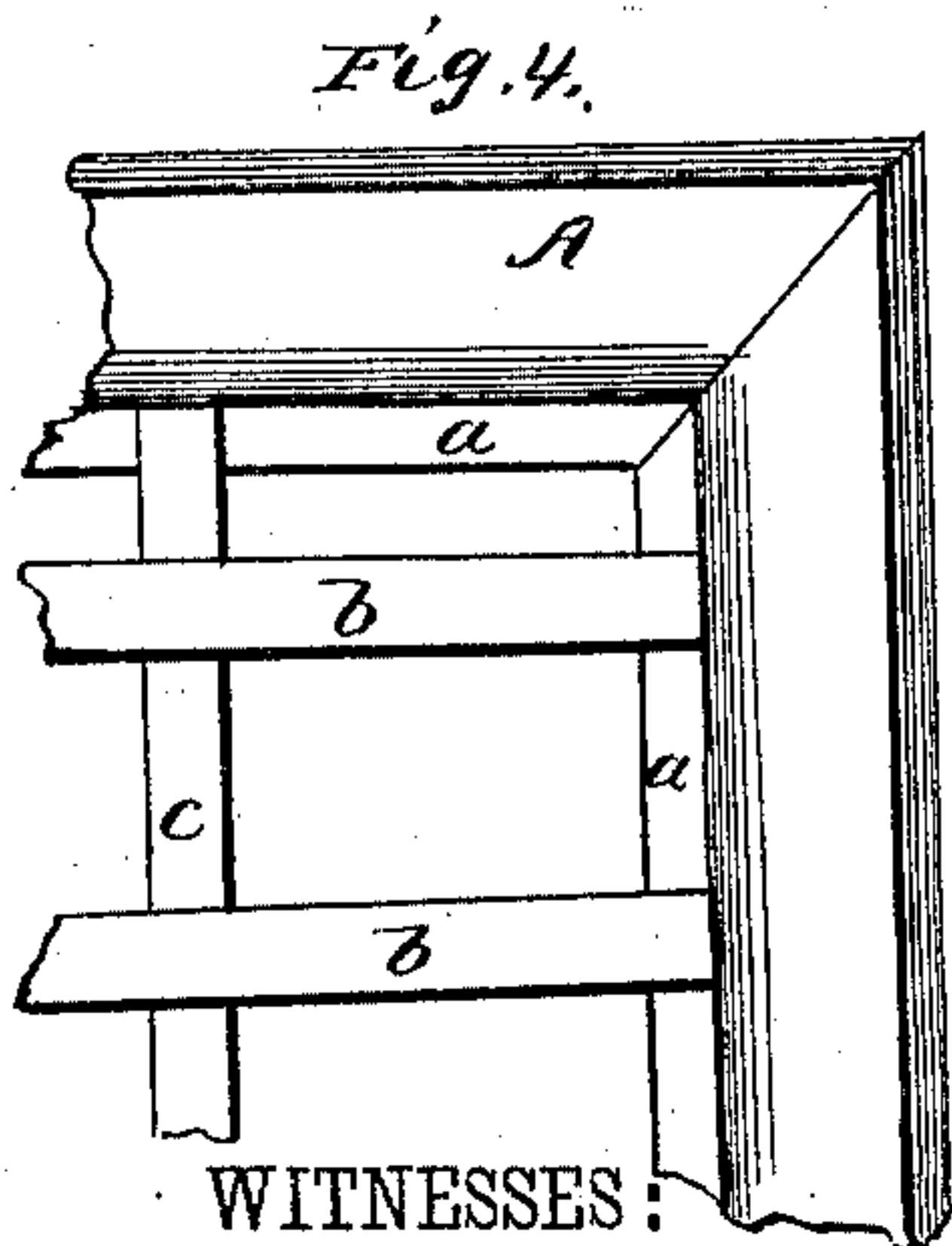
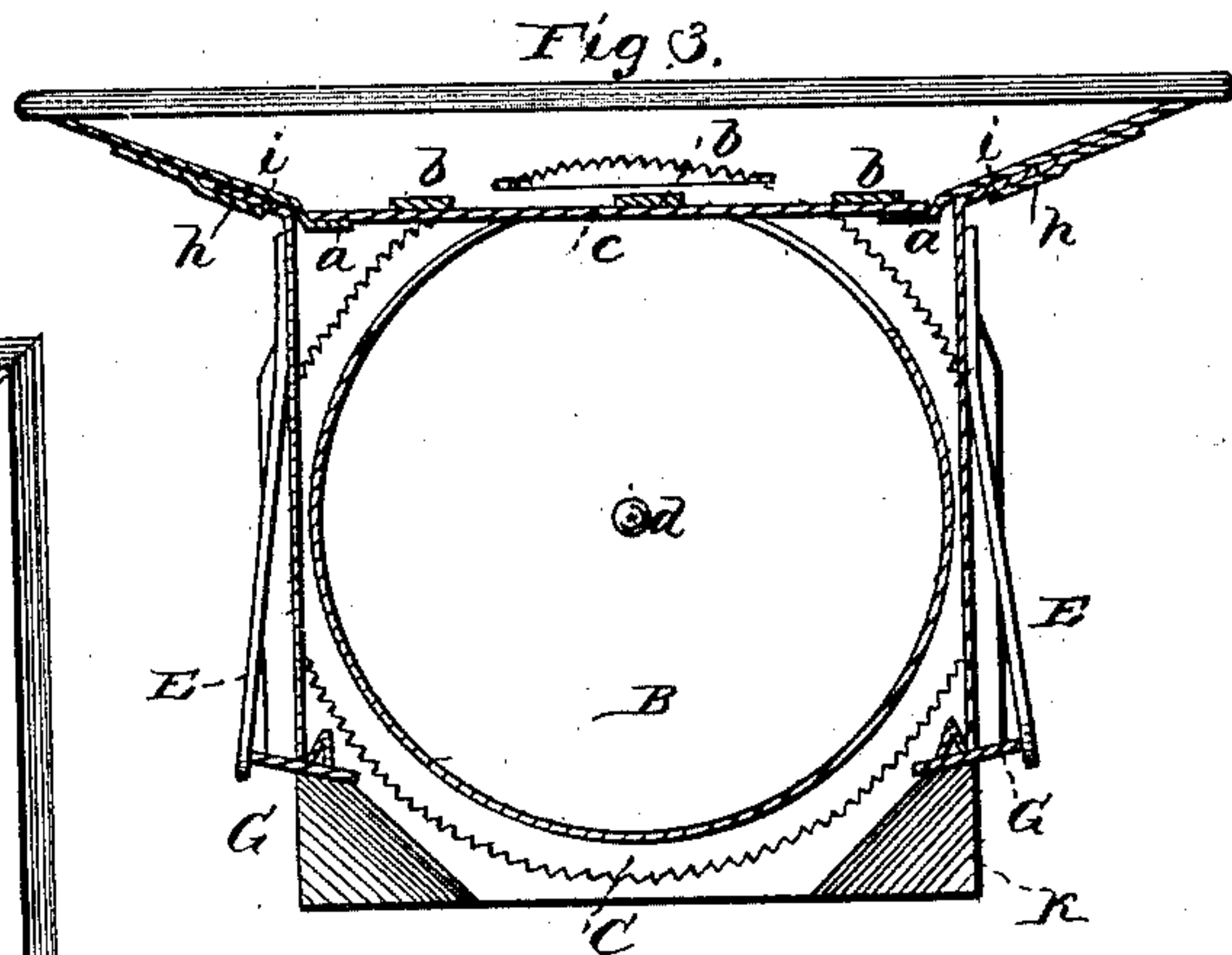
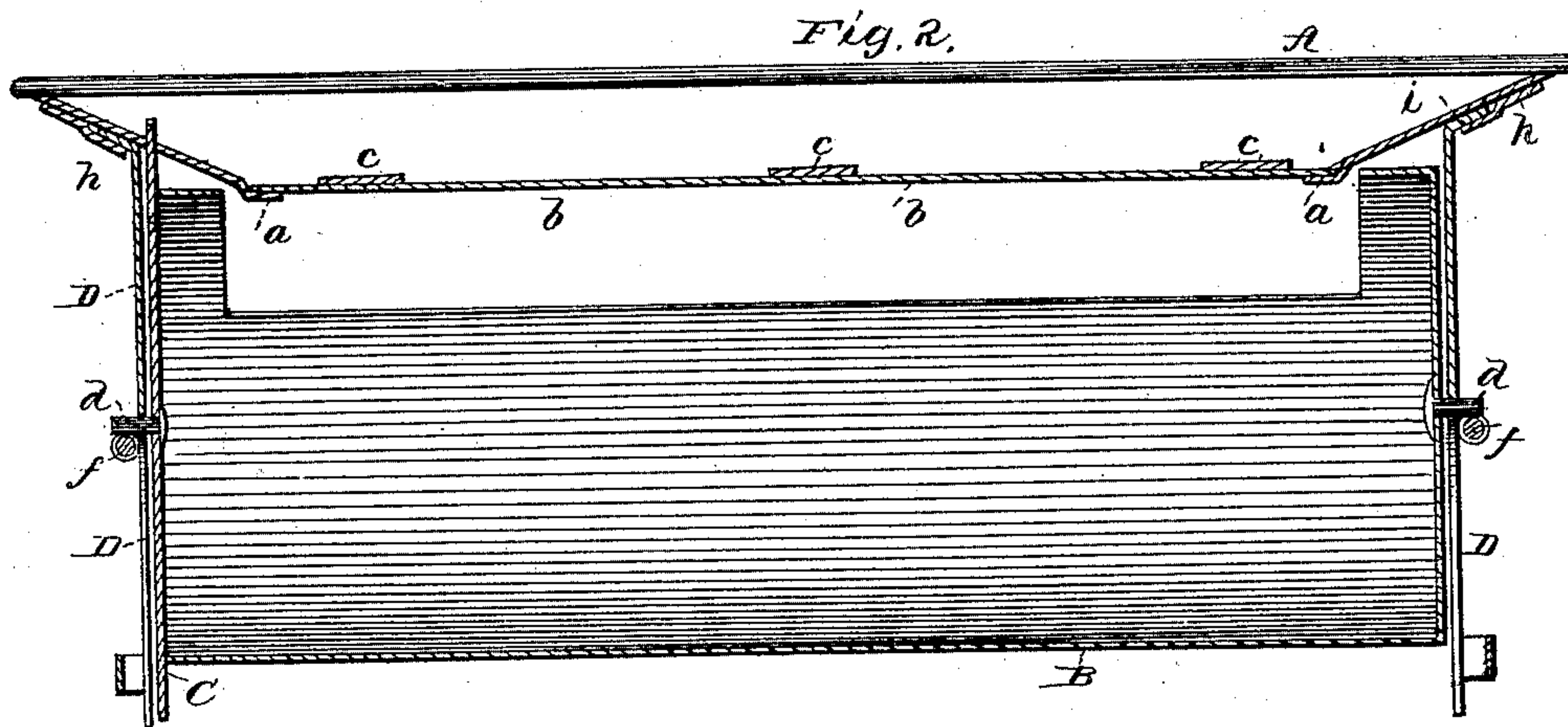
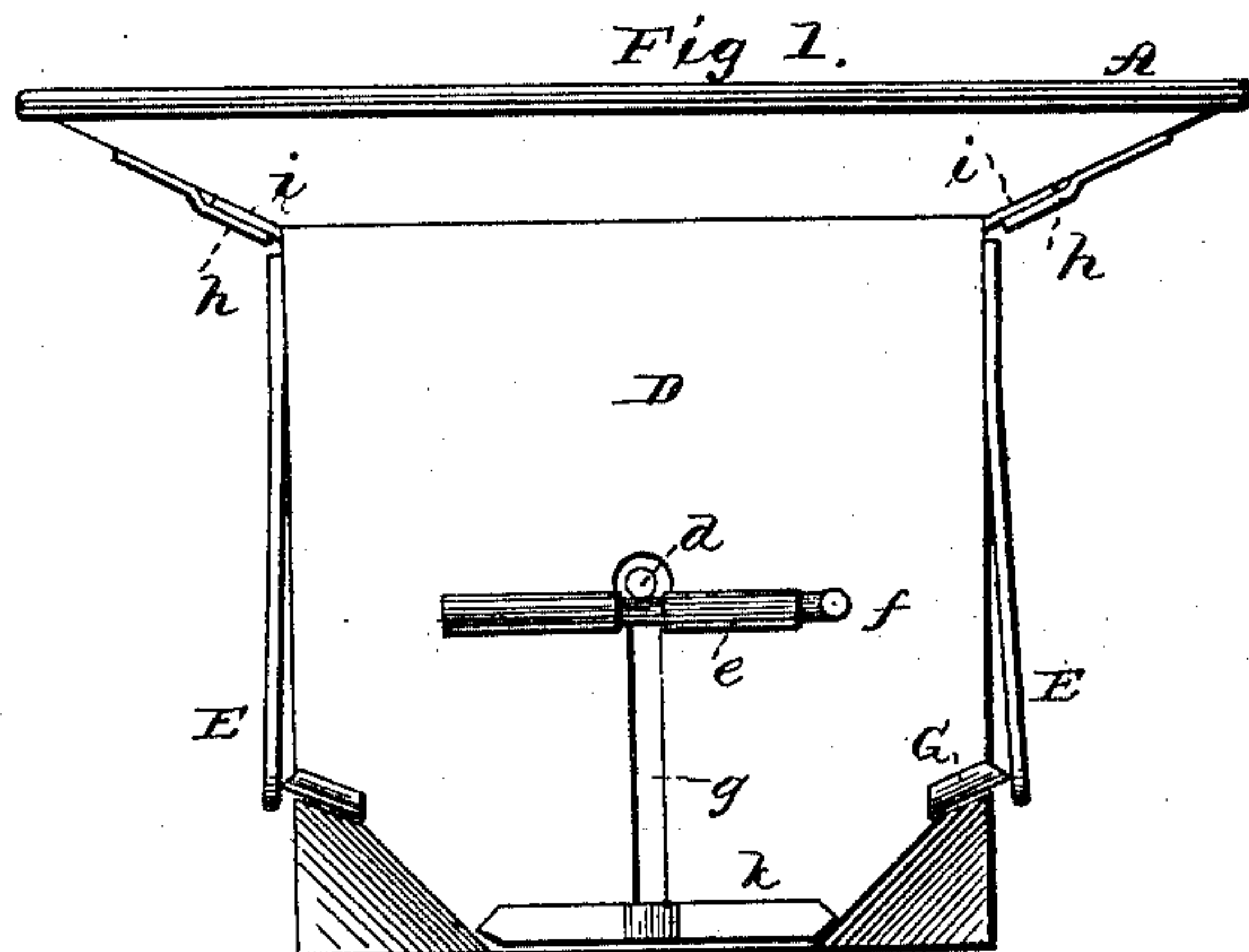


(No Model.)

P. S. DUSENBURY.
CUSPIDOR.

No. 277,692.

Patented May 15, 1883.



WITNESSES:

Fred. L. Dieterich;
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UNITED STATES PATENT OFFICE.

PHILIP S. DUSENBURY, OF SEDALIA, MISSOURI, ASSIGNOR OF ONE-HALF
TO J. H. KRUSE, OF SAME PLACE.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 277,692, dated May 15, 1883.

Application filed October 6, 1882. (No model.)

To all whom it may concern:

Be it known that I, PHILIP S. DUSENBURY, a citizen of the United States, residing at Sedalia, in the county of Pettis and State of Missouri, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawings.

My device relates to cuspidors to be placed in car-floors; and it consists, first, in a revolving trough trunnioned in the end pieces of a rectangular frame and adapted to reverse within said frame.

It further consists in details of construction and arrangement of the several parts, as will be hereinafter more fully set forth in the specification, and pointed out in the accompanying drawings, in which—

Figure 1 is an end view of my device; Fig. 2, a longitudinal vertical section, Fig. 3 a cross-section, and Fig. 4 a plan view, of same.

Referring more particularly to the drawings, a revolving cylindrical trough or receptacle, B, is mounted in the frame D, and is provided with trunnions *d*, which pass through openings in the ends D and rest on the rod *f*, which passes through the tubular supports *e*. The ends D have slots *g*, by means of which the trough can be removed from the frame by simply withdrawing the rod *f*, when the trunnions will slip down the grooves or slots *g*, before mentioned. One end of the trough, at C, projects up through a slot in the top A, and is serrated, as shown in Fig. 3, so that the trough can be turned by the foot. The top A is somewhat beveled, so that saliva, crumbs, dirt, &c., will readily find their way into the trough. This top is provided with flanges *h*, which engage with flanges *i* on the rectangular frame, so that the top can be readily removed or inserted.

In order to prevent the entrance of dust or air the rectangular frame or casing K for the trough is slotted or cut to receive wing-pieces G, which project underneath the trough, and are held in position by the springs E, secured to the sides of frame K. Thus it will be seen that the frame containing the trough can be placed in an opening in the car-floor, and flush with the floor and perfectly air and dust tight.

The top A is provided with a suitable grating consisting of the cross-pieces *c* and longitudinal pieces *b*. This grating rests on a run or flange, *a*, on the inside edges of the top, and can be easily removed when necessary. This grating prevents children from stepping into the cuspidor.

The cuspidor thus formed can be placed in the aisle of the car, opposite the seats or between the seats.

It is well known that car-floors become dirty—in fact, often filthy—by persons expectorating or throwing crumbs, apple-parings, and lunch refuse on the floor. With my device this is all obviated. The cuspidor can be emptied at any time, and as often as necessary, by the foot of a person sitting in the seat, and tobacco-chewers can expectorate freely without leaving the floor in a filthy condition. This is particularly applicable to sleeping, smoking, and ordinary passenger cars. When the cars are scrubbed out the water can run into the troughs, which can be partially turned, and thus allow it to run out freely.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A revolving cylindrical cuspidor seated in a frame which is placed in an opening in a car-floor, substantially as and for the purposes set forth.

2. A revolving cylindrical cuspidor provided with trunnions seated in a frame adapted to be placed in an opening in a car-floor, substantially as described.

3. In a cuspidor adapted to be placed in a car-floor, the combination of a revolving cylinder, a rectangular frame in which the cylinder is seated, and a removable top, substantially as described.

4. In a cuspidor adapted to be placed in a car-floor, the combination of a revolving cylinder and a rectangular frame in which the cylinder is seated, with air and dust guards, substantially as described, and for the purpose specified.

5. In a cuspidor adapted to be placed in a car-floor, the combination of a revolving cylinder, a rectangular frame the ends of which have slots in which the cylinder-trunnions

move, a removable top provided with a removable grating, and suitable air and dust guards seated in the frame and projecting underneath the cylinder, substantially as and for the purposes set forth.

6. In a cuspidor adapted to be placed in a car-floor, and consisting of a revolving trough seated in a rectangular frame, the serrated flange C at one end of the trough, whereby the

cuspidor may be operated by the foot, all arranged and combined substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

PHILIP S. DUSENBURY.

Witnesses:

HENRY F. HAWKINS,
C. L. WILCOX.