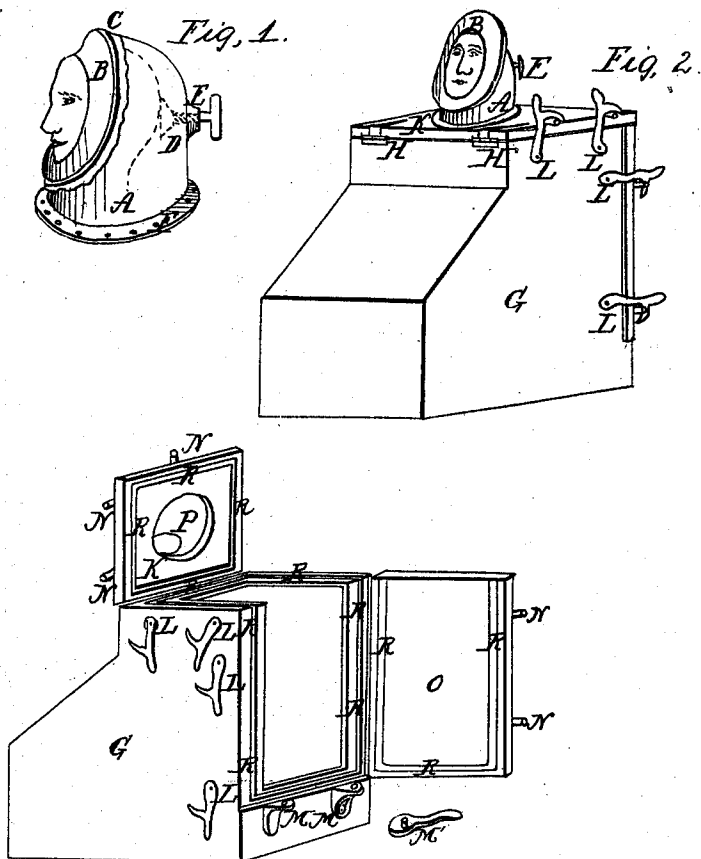


Frink & Harlan.

Depurator.

No 97,768.

Patented Dec. 14, 1869.



Witnesses,

H. a. Moore

C. O. Frink

Inventor,

S. C. Frink  
J. D. Harlan

# United States Patent Office.

S. C. FRINK AND L. D. HARLAN, OF INDIANAPOLIS, INDIANA.

Letters Patent No. 97,768, dated December 14, 1869.

## IMPROVED DEPURATOR.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that we, S. C. FRINK and L. D. HARLAN, of Indianapolis, county of Marion, and State of Indiana, have made new and useful Improvements in an Apparatus for Treating Diseases by Vacuum; and we do hereby declare the following to be a full and exact description of said improvement, reference being had to the accompanying drawings, that form a part of these specifications.

The object of our invention is to secure the head more firmly in the hood connected with a depurator, and to secure the hinged parts more readily and securely; and consists in combining an adjustable head-rest with the hood, and also in new and improved fastening-devices.

Figure 1 represents shield A, with a flange, F, to fasten it upon the cover K, of the receiver or box G.

The shield is made open in front sufficient to let the face of the patient come through, and has a flange turned back, forming a groove, so as to receive the flexible-rubber cape or face-piece B, over which is placed a flexible cord or band, C, to hold it in its place in the groove, and, at the same time, make it perfectly air-tight, and easily taken off and put on.

In the back of the shield or head-piece A, is a stuffing-box, E, through which a screw or its equivalent passes, on the end of which is the head-rest D, so constructed as to be adjusted back or forward, as the case or ease of the patient may require.

Figure 2, letter G, represents a box or receiver large enough to admit the person of the patient, with the face exposed, as shown in fig. 1.

The box and shield are made of wood, iron, tin, zinc, or any other suitable material, or the combination of wood and metal.

Figure 3, letter O, represents the receiver or box-

door open, and the cover K turned back, so as to show the rubber strips R as placed around the edge, so as to come in contact with the strips of rubber R, in the edge of the box G.

The receiver or box is constructed with a door on the back side, and the cover K, on which the shield A is fastened, is made to tip forward, so that the patient can enter it from the floor and sit down with ease.

The door O can then be closed, and fastened by the eccentrics L L L and M M.

The cover is then turned back, and the head of the patient passes through the hole P into the shield, and through the face-piece B, as shown in fig. 1, and then by clamping the cover K down, by means of the hook-eccentrics L L L, the apparatus is made perfectly air-tight, thus producing a complete apparatus for medical treatment of diseases by vacuum, easily adjusted, and, at the same time, the patient can be taken out in a few seconds.

### *Claims.*

What we claim, and desire to secure by Letters Patent of the United States, is—

1. The shield and adjustable head-rest, in combination with the elastic hood, arranged as described, substantially as and for the purposes set forth.

2. Securing the hinged covers of the box G, arranged with folding lid, as described, by means of the hook-eccentrics, arranged as and for the purposes set forth.

S. C. FRINK.  
L. D. HARLAN.

Witnesses:

H. A. MOORE,  
E. O. FRINK.