J. H. Seymour,

Spittoon.

No. 54,613. Patented May 8, 1866.

Fig: 1

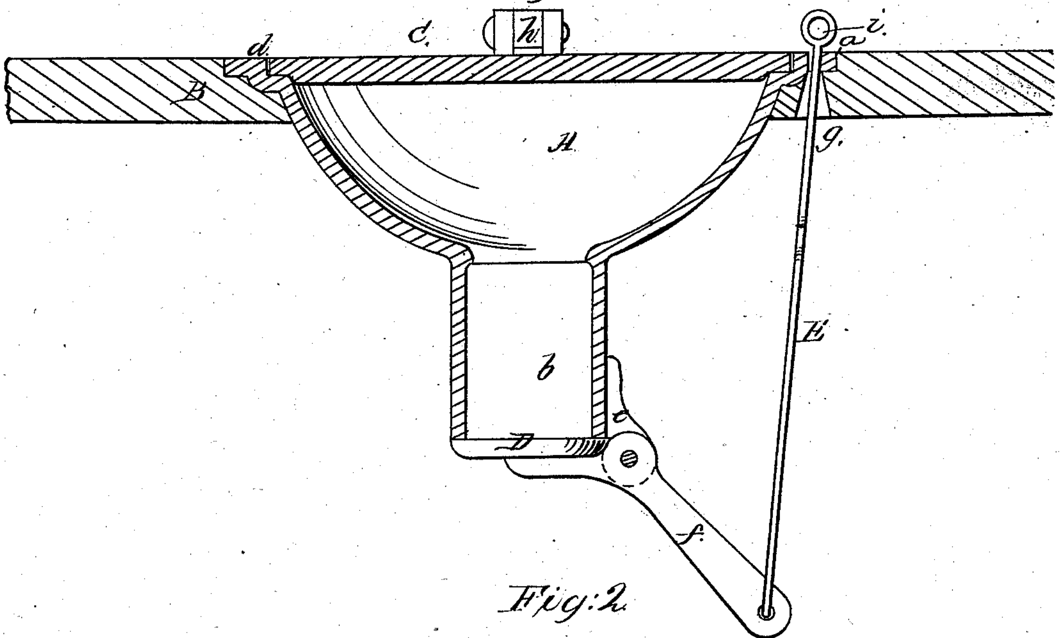
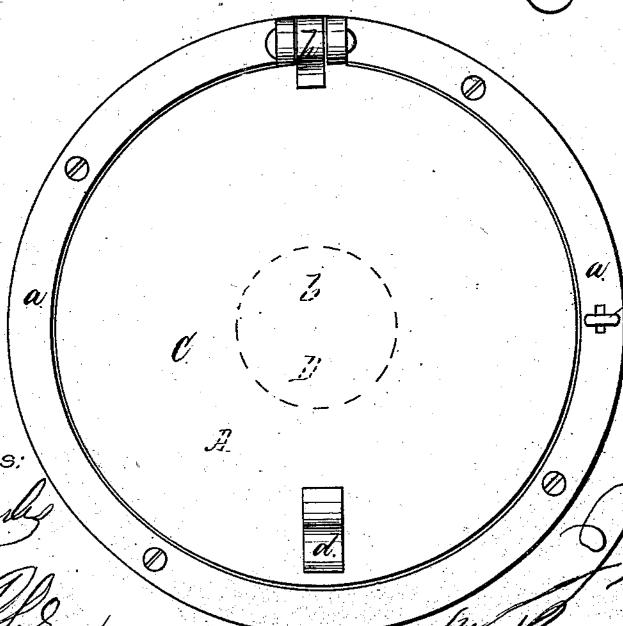


Fig: 2



Witnesses:

J. W. Coombs

Inventor:

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per Brown, Coombs & Co.
attys

UNITED STATES PATENT OFFICE.

J. H. SEYMOUR, OF HAGERSTOWN, MARYLAND.

IMPROVED SPITTOON FOR RAILROAD-CARS.

Specification forming part of Letters Patent No. **54,613**, dated May 8, 1866.

To all whom it may concern:

Be it known that I, J. H. SEYMOUR, of Hagerstown, in the county of Washington and State of Maryland, have invented certain new and useful Improvements in Spittoons for Use in Railroad-Cars and other Vehicles; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a vertical section of my invention as applied to the floor of a railroad-car. Fig. 2 is a plan view of the spittoon alone.

Similar letters of reference indicate corresponding parts in both figures.

This invention is designed to be applied to the floors of railroad-cars or other vehicles, and has for its object to produce a stationary spittoon which can be very conveniently used, and from which the saliva and other substances thrown into it can readily escape without the admission of drafts of air, and which, furthermore, can be very easily cleaned.

The invention consists in a vessel of suitable shape provided with a movable cover and secured in the floor of the car or other vehicle, with its upper end flush with the surface of the said floor, and provided with an orifice or opening through which the liquids and other substances thrown into the vessel escape therefrom.

It also consists in the application to the orifice in the bottom of the said vessel of a valve so arranged as to prevent currents of cold air from passing up through the said opening without interfering with the proper escape of the saliva and other impurities from the vessel.

It further consists in a rod or bar so applied and arranged with reference to the vessel, the valve, and the floor of the car as to enable the orifice in the bottom of the vessel to be easily opened to its full extent to facilitate the operation of cleaning or washing the interior of the said vessel.

To enable others to understand the nature and construction of my invention, I will proceed to describe it with reference to the drawings.

A is a vessel, made of metal or other suitable material and forming the body of the spittoon, into which the saliva, quids of tobacco, or other impurities are thrown. This vessel may be circular in shape and with sloping sides, as shown in Fig. 1, and is fitted into a hole of corresponding shape formed in the bottom B of the car.

The vessel A is provided around its upper edge with a rim or flange, *a*, and the upper edge of the aforesaid hole in the floor is beveled to allow the said rim *a* to be snugly fitted therein with the upper edge of the vessel A flush with the surface of the floor and the greater portion of the said vessel projecting downward below the same.

The bottom of the vessel A is extended downward in the form of a tube, *b*, the lower end of which is open or lightly covered by the valve D, as will be hereinafter fully explained, so that the saliva or quids of tobacco thrown into the vessel will pass down the sloping sides thereof and out through the orifice formed by the open end of the tube *b*.

Upon the top of the vessel A is a movable lid or cover, C, which may either be hinged at one side, as shown at *h* in Fig. 1, so as to be turned over to uncover the vessel, or be pivoted at one side to the flange *a* by a vertical pivot in such manner as to be turned sidewise to uncover the vessel. This cover may be furnished with an upwardly-projecting knob, *d*, by which it may be moved or turned over by a movement of the foot.

Projecting outward from one side of the tube *b* is an ear, *e*, to which is pivoted the valve D, which covers the lower end of the said tube. This valve is provided with an arm or lever, *f*, to the outer end of which is attached a rod or bar, E, which extends upward and passes through a hole, *g*, in the floor of the car and also through a corresponding hole in the flange *a*, and which may be furnished with a ring, *i*, at its upper end, above the floor, and by which it may be more conveniently grasped by the fingers and operated to move the valve D when required. The valve D is so evenly balanced by the arm *f* and rod E that the weight of a quid of tobacco will depress the said valve, and thus allow the quid to fall out from the tube *b* through the orifice formed by its lower end. In like manner the valve D yields to the weight of the saliva or other liquid thrown into the vessel and allows its escape therefrom.

When it is desired to open the orifice formed by the lower end of the tube *b*, as in cleaning or washing out the vessel A or for other pur-

poses, the rod E is pulled upward by means of its ring *i*, which, by raising the outer end of the arm *f*, depresses or turns the valve D downward upon its pivot, and thus uncovers the lower end of the tube *b*. In those cases where the car or other vehicle has a double floor the tube *b* must necessarily be of sufficient length to pass through both floors, with its lower end or orifice, together with the valve D, beneath them.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the bowl A, cover C, valve D, lever *f*, and rod E, arranged in connection with the floor of a car, substantially as herein described.

J. H. SEYMOUR.

Witnesses:
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