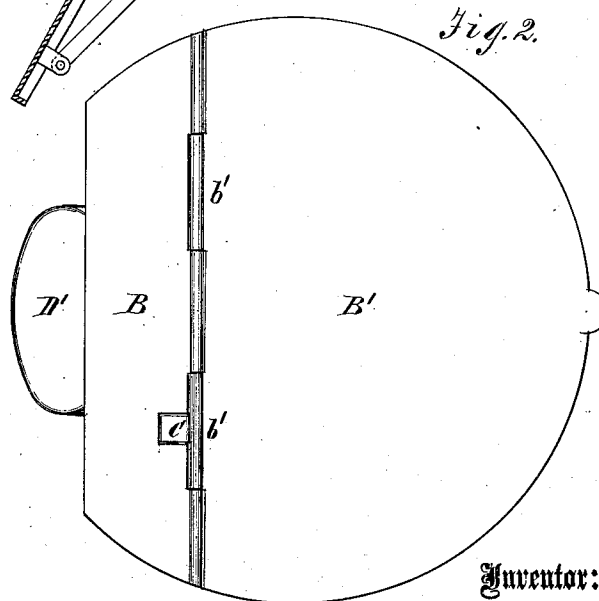
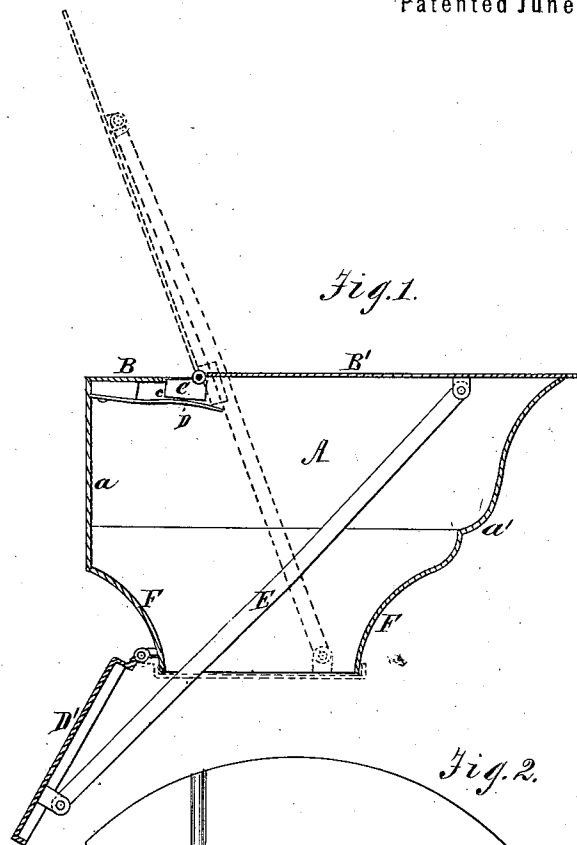


W. H. TYRRELL.
Spittoons.

No. 140,323.

Patented June 24, 1873.



Witnesses:
G. M. Mathis.
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UNITED STATES PATENT OFFICE.

WILLIAM H. TYRRELL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SPITTOONS.

Specification forming part of Letters Patent No. **140,323**, dated June 24, 1873; application filed May 14, 1873.

To all whom it may concern:

Be it known that I, WILLIAM H. TYRRELL, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Stationary Spittoon; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a vertical section, and Fig. 2 is a top view.

The invention relates to spittoons for cars, steamers, ships, or vehicles; and the object of my improvement is to allow the same to be conveniently emptied of its contents at times intermediate between the termini of route, and with ease and convenience to the operator. The invention will first be fully described in connection with all that is necessary to a full understanding thereof, and then clearly pointed out in the claim.

In the drawing, A represents a spittoon having the flat surface or back face *a*, which rests against the outside of a car-seat or other vertical support, and the main body *a'*, which may be of any suitable form or size. B B' is a cover, of which the former part is rigid, and to which the latter is hinged. On the eye *b'* of the movable part B', is fastened a lug or projection, C, that vibrates therewith against the pressure of a subjacent spring, D, attached to and beneath the stationary part B. The lug C is angular, and has an edge, *c*, which is at a maximum distance from the center of motion. When this edge passes the spring rearwardly the cover is allowed to be held down by its own gravity, but when the lug passes the spring in front the latter continues to

press upon the former to hold the cover up and prevent it from being closed by its own gravity. D is a valve or hinged bottom of the spittoon, and is connected with the cover by a rod, E, pivoted to both, but to the former at a point in front of the perpendicular plane in which is situated the hinge-pintle or center of motion. This serves to allow the part cover B' to bring the direction of its line of gravity behind the center of motion, and thus to assist the spring in keeping it open. This valve or bottom D is situated in a neck, F, which may protrude through the bottom of car or ship.

The application is as follows: The back-face *a* being secured against the outside of seat at a suitable elevation, and with its neck F passing through the bottom of car, the part-cover B' is thrown open and incidentally closes the valve D. Spit, tobacco juice, orange-peel, nut-shells, or other refuse, may be readily injected with the spittoon, while the same can be easily emptied by simply throwing down the cover, which will automatically open the valve and allow them to be ejected.

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

The two-part cover B B', the former stationary and provided with a spring, D, while the latter is movable and provided with a lug, C, combined with the rod E, hinged bottom D', and body F, as and for the purpose set forth.

WILLIAM H. TYRRELL.

Witnesses:

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