

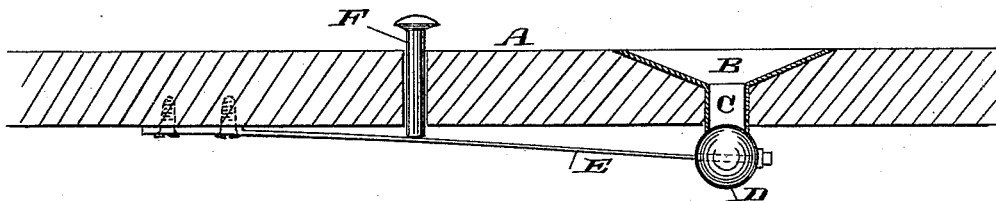
(No Model.)

A. F. BROWN.  
STATIONARY SPITTOON.

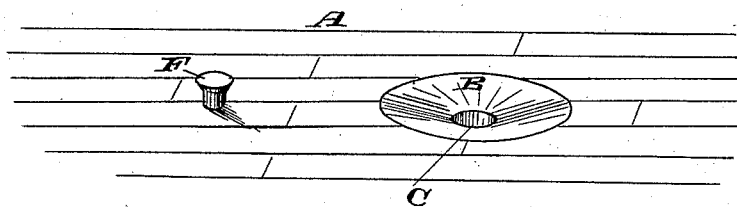
No. 419,919.

Patented Jan. 21, 1890.

*Fig. 1.*



*Fig. 2.*



Witnesses,  
Geo. H. Strong.  
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# UNITED STATES PATENT OFFICE.

ALONZO FITCH BROWN, OF SAN FRANCISCO, CALIFORNIA.

## STATIONARY SPITTOON.

SPECIFICATION forming part of Letters Patent No. 419,919, dated January 21, 1890.

Application filed June 4, 1887. Serial No. 240,337. (No model.)

*To all whom it may concern:*

Be it known that I, ALONZO FITCH BROWN, of the city and county of San Francisco, State of California, have invented an Improvement in Stationary Spittoons; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a stationary spittoon which is especially useful for railway cars or carriages; and it consists of a concaved depressed surface which is fitted into the floor of the car or other place where it is to be used, and has a central opening through which the contents may escape, and in combination therewith of a valve which may be opened either automatically or by pressure of the foot upon the connecting and operating pin, all of which will be more fully described by reference to the accompanying drawings, in which—

Figure 1 is a longitudinal vertical section taken through the center of the spittoon, showing a valve and operating mechanism in one of its forms of construction. Fig. 2 represents the device in place in a car-floor.

A represents the floor of the car or other place where it is desired to place this spittoon B, and this is fitted into a depression or space cut for it in the floor and properly secured, so that its edges are just level with the top of the floor, while its concave inner surface has a central opening C, connecting with the discharge pipe or passage. When used upon railway-cars, which is its principal value, it is necessary to prevent the wind and dust from entering the car through the discharge-openings. I therefore form a valve

D, which in the present case is shown as a convex rubber ball or disk fitting against the bottom of the discharge pipe or opening, so as to make a tight joint when it is closed. This valve is fixed to the end of a spring-arm E, which is of sufficient length, and is secured beneath the car-floor or at other suitable or convenient place.

F is a pin, in the present case connected with the spring between its fulcrum or point of fastening and the valve. This pin extends up through the floor, so that by simply pressing the foot upon the pin the elasticity of the spring will be overcome and the valve will be opened, so as to allow the contents of the pipe or spittoon to be discharged.

Immediately upon releasing the pressure the spring closes the valve again, and thus keeps out the wind or dust.

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

A spittoon fixed in the floor and having a central discharge-opening, a convex or ball valve adapted to close upwardly against the bottom of this opening, a horizontal elastic arm having one end fixed beneath the floor at a distance from the valve, which is fixed to its opposite end, and a push-pin passing through the floor and engaging the arm between its point of support and the valve, substantially as herein described.

In witness whereof I hereunto set my hand.

ALONZO FITCH BROWN.

Witnesses:

S. H. NOURSE,  
H. C. LEE.