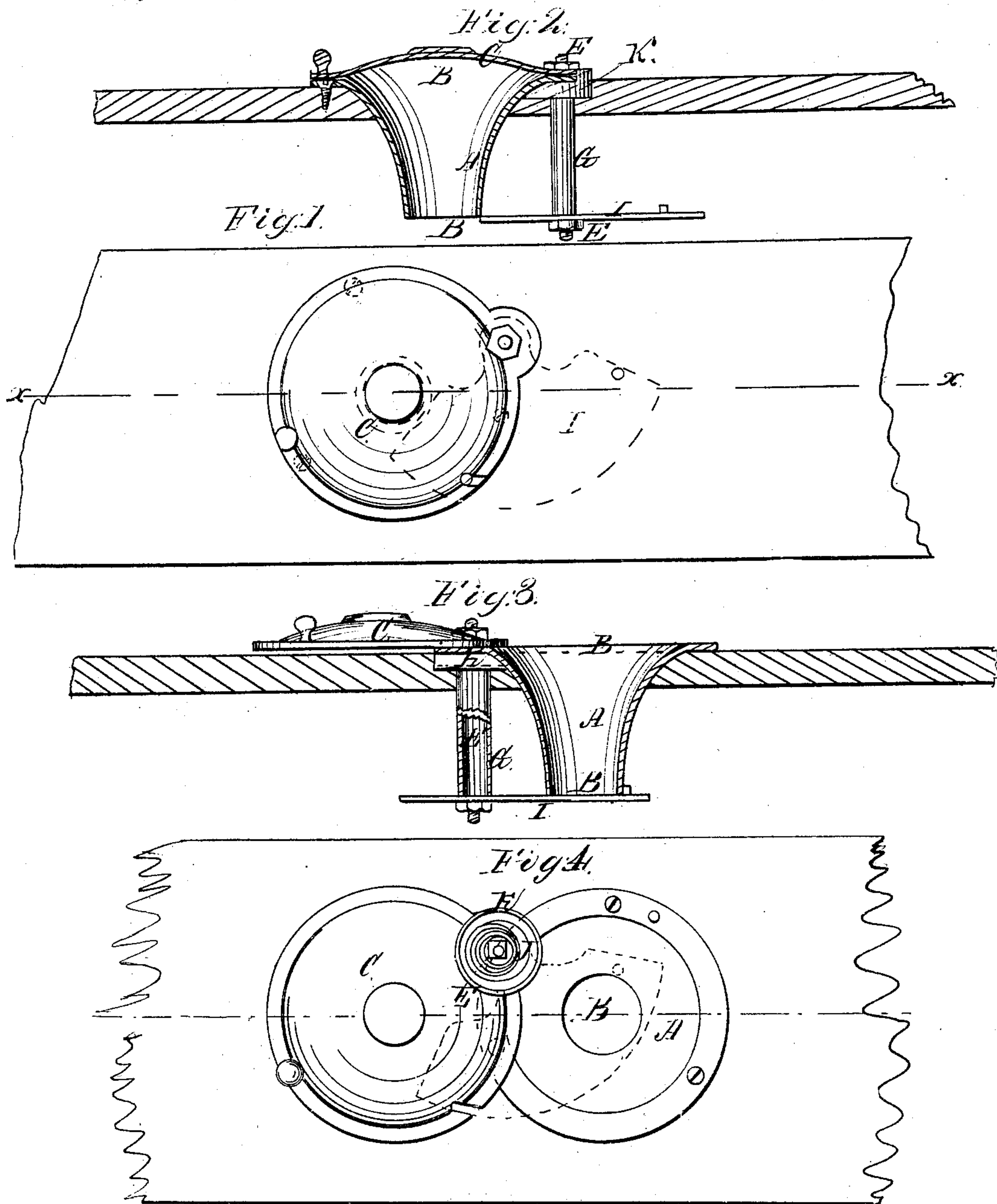


A.H. Wells,

Spittoon,

No 59,881,

Patented Nov. 20, 1866.



Witnesses:

Gas A. Seroue
F. A. Jackson,

Inventor:

A. H. Wells.
Per *[Signature]*
Attorney.

United States Patent Office.

IMPROVED SPITTOON FOR RAILROAD CARS.

AMBROSE H. WELLS, OF WATERBURY, CONNECTICUT.

Letters Patent No. 59,881, dated November 20, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, AMBROSE H. WELLS, of Waterbury, in the county of New Haven, and State of Connecticut, have invented a new and improved Railroad Spittoon; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and improved spittoon, especially designed for use in railroad cars, which spittoon is to be secured in the floor of the car, projecting below and outside the same; and is so constructed that as it is opened upon the inside of the car, its discharge orifice upon the outside will be at the same time closed, and *vice versa*, thereby preventing any draught of air up through the spittoon to the interior of the car.

In accompanying plate of drawings my improved spittoon is illustrated.

Figure 1 is a plan or top view of the spittoon closed, and showing it inserted in a board.

Figure 2, a central vertical section taken in the plane of the line *x x*, fig. 1.

Figure 3, a similar section to fig. 2, but with the spittoon opened.

Figure 4, a plan or top view of the spittoon opened.

Similar letters of reference indicate like parts.

A, in the drawings, represents the body portion or receptacle of the spittoon, which is made of a conical or tapering shape, and open at both ends, B. C the cover to the spittoon, which is hung at one side to the upper square end of a vertical shaft, E, extending down through a sleeve or tube, G, secured to the under side of the rim or flange H, of the spittoon A. On the lower end of shaft E is hung a circular-shaped plate, I, in the same plane or line as the lower end of the spittoon. J a coiled spring secured to and about the spindle E, within a casing, K, provided for it upon the upper side of the spittoon. The cover, C, is made of suitable shape to entirely cover the upper open end of the spittoon, and the plate I of such a shape that when the spittoon is closed by its cover C, the said plate will be entirely free from the open lower end of the spittoon, but when the cover is swung away from the top of the spittoon, the bottom plate will be across its open lower end, thus entirely closing the same. The two covers, C and I, swing in conjunction with each other, that is, as the spittoon is opened upon its upper end, it is closed upon its other or lower end, and *vice versa*, the action of the coiled spring being to close the cover C when the hand or foot has been removed from it.

From the above description of my spittoon, it is plainly obvious that for the purpose for which it is especially intended, it possesses superior advantages, among which may be here mentioned, as the most important, that no draught of air can pass up through the spittoon into the car when the spittoon is opened, thus preventing the escape of any disagreeable effluvia into the car, the spittoon being, as it were, air-tight.

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

The open-ended spittoon A, having a cover C, and valve I, both arranged to turn upon a pivot E, substantially in the manner described, and for the purpose specified.

AMBROSE H. WELLS.

Witnesses:

THEODORE S. BUEL,

GEO. O. ELLIS.