

W. G. Smith,
Car Spittoon,
No 56,113, Patented July 3, 1866.

Fig. 1.

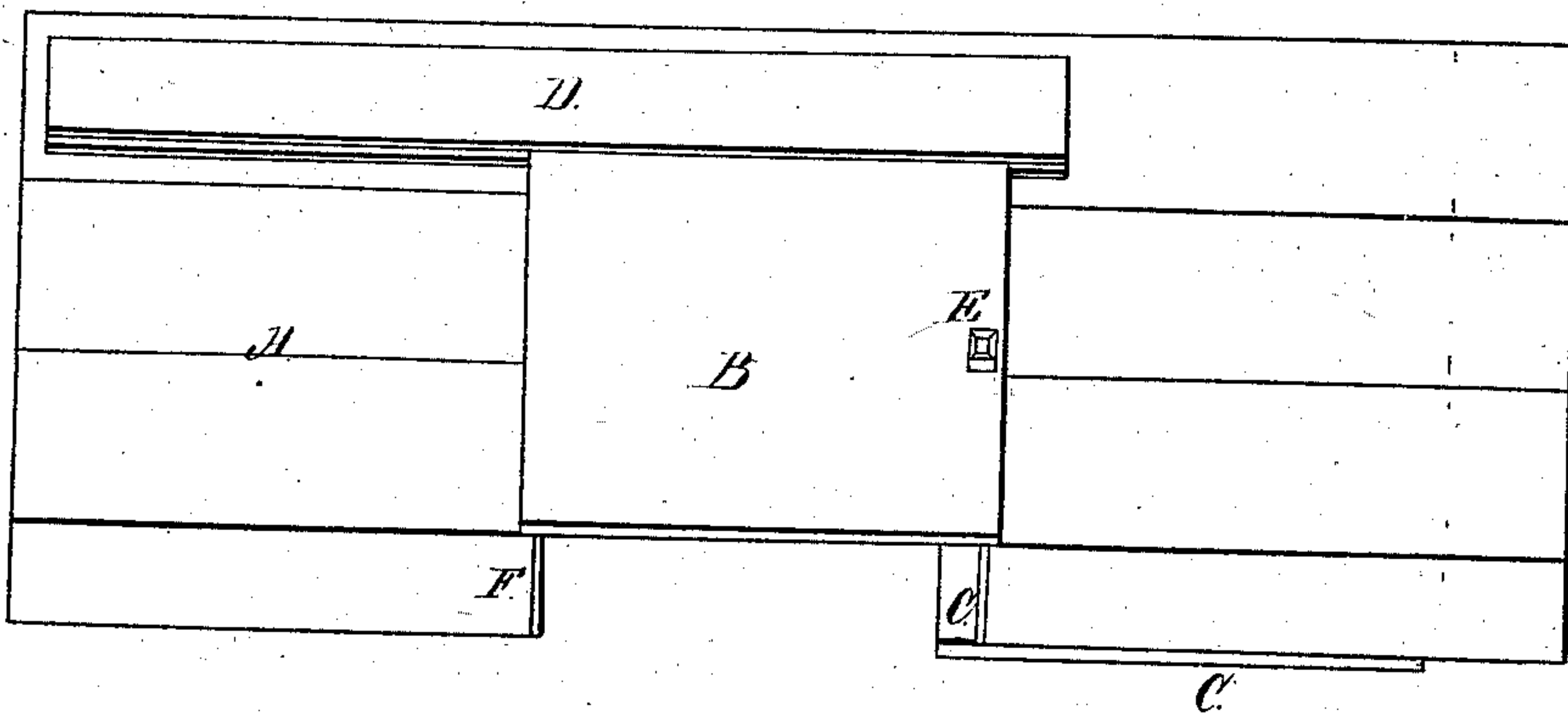
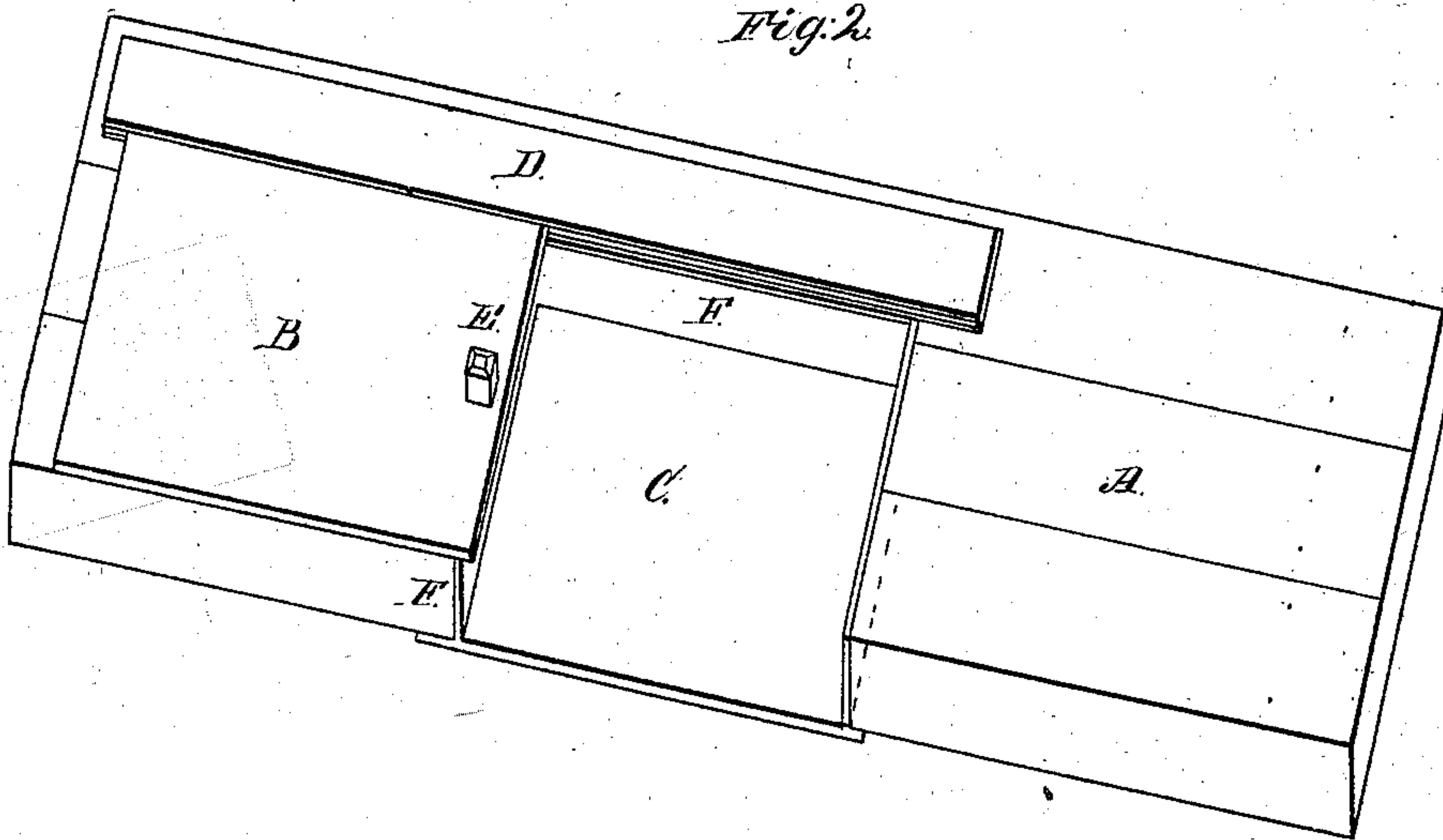


Fig. 2.



Witnesses:
M. J. Jones
J. E. Spradley

Inventor:
William G. Smith

UNITED STATES PATENT OFFICE.

WILLISON G. SMITH, OF CARLISLE, PENNSYLVANIA.

IMPROVED CAR-SPITTOON.

Specification forming part of Letters Patent No. 56,113, dated July 3, 1866.

To all whom it may concern:

Be it known that I, WILLISON G. SMITH, of Carlisle, in the county of Cumberland, in the State of Pennsylvania, have invented a new and Improved Spittoon for Railroad-Cars and Public Places, for the use of passengers and guests and visitors; and I do hereby declare that the following is a full and complete description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing and inserting through the floor of the railroad-car or public place a section of a cylindric or conical ring or sides of a square box, cut by a plane parallel to their base, the said cylindric or conical ring or sides of a square box being provided on the top with a flange to prevent its going through the floor, and also with an adjustable lid and bottom, which can be opened or closed at will.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I form the spittoon by inserting a section of a cylindric or conical ring or the sides of a square box having a flange on the top in and through the floor of the car or public place, the flange being level with the floor of the car, and providing it with an adjustable lid and bottom. In general I make the spittoon square and provide it with metal lids working in grooved parallel guides above and below the floor of the car or room. This lid and bottom are coupled together by a bolt of iron passing through each of them in such manner that their planes, though parallel, are not opposite each other, but have passed each other longitudinally the length of the side of the top and bottom of the cylinder, so that when the lid is open the bottom is closed, so that nothing may fall through and cold air be prevented from coming through

the spittoon, and, reversing the movement, the bottom is opened and the top closed, and anything in the spittoon is deposited on the railroad-track, or in a trough beneath the floor, which may be supplied with a stream of running water, thus forming a spittoon which is self-cleaning.

The said spittoon, by leaving the lid and bottom partly open, may be made the means of speedily carrying off the water in scrubbing and the dust in sweeping the floor.

I insert the spittoon F through the floor A, and, fixing the guides D properly above and below the spittoon, insert the lid B and the bottom C, which are then in contact with the top and bottom of the spittoon F, and may be moved on and off of the spittoon. I then couple them by the bolt E, which serves as a knob to move the top and bottom by with one operation, this bolt-head having the corners rounded off, so as not to catch anything passing over it.

Having my spittoon closed, Fig. 1, the bottom C being beneath the floor A, and wishing to use it, I place the sole of my shoe behind the head of the bolt E and shove the lid B through the guides D until the bolt E fits in a recess prepared for it in the side of F. The spittoon is then open. Wishing to close it, I reverse the motion, and the lid C scrapes itself clean on the side of F.

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

In combination with the sides of an inserted box, of any shape, even with the floor of the car, the adjustable lid and bottom connected by the bolt and sliding in the guides, as described.

WILLISON G. SMITH.

Witnesses:

J. W. HENDERSON,
A. L. SPONSLER.