

F. H. Furniss,

Spittoon.

N^o 56,400.

Patented July 17, 1866

Fig. 1.

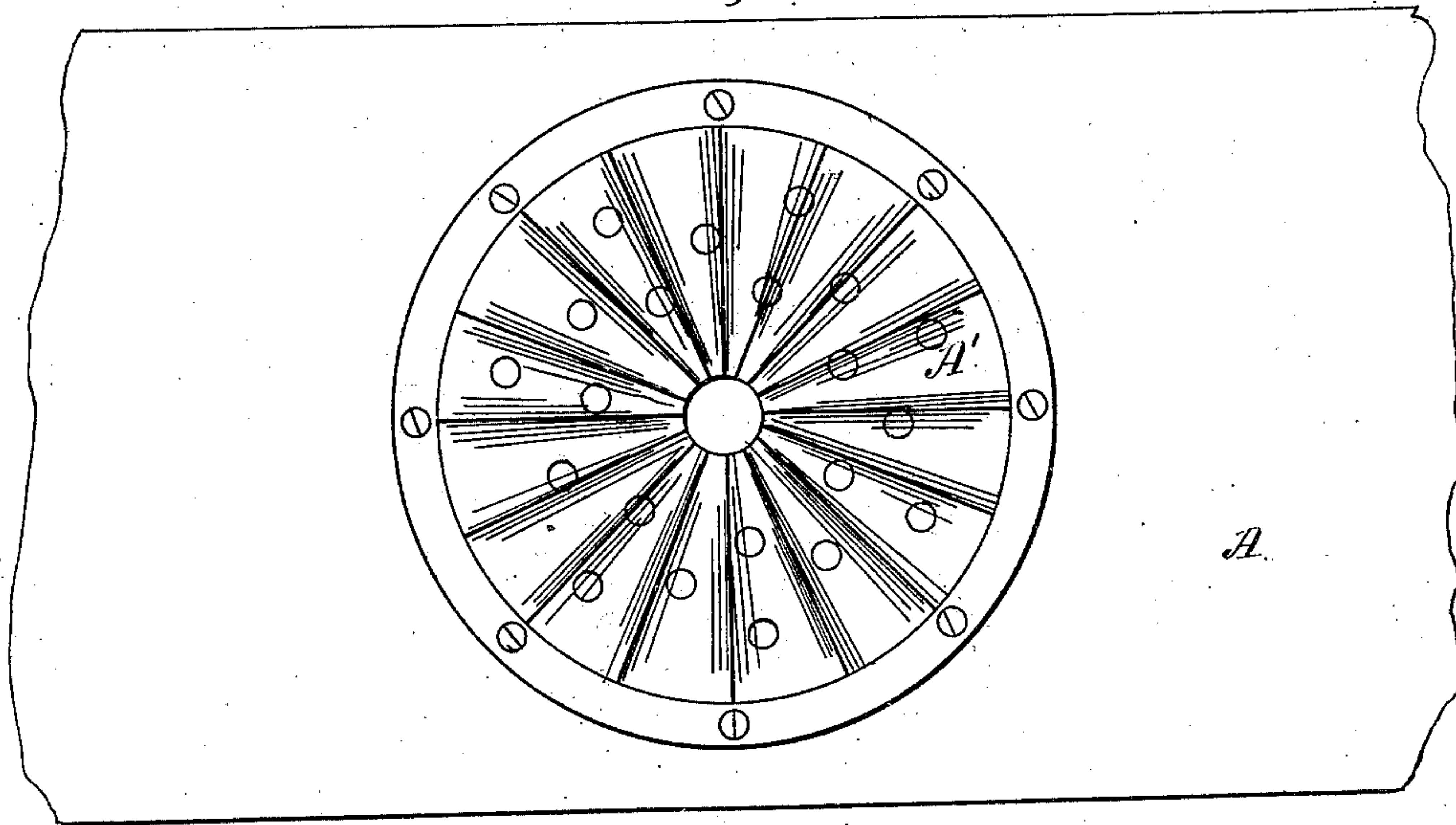


Fig. 2.

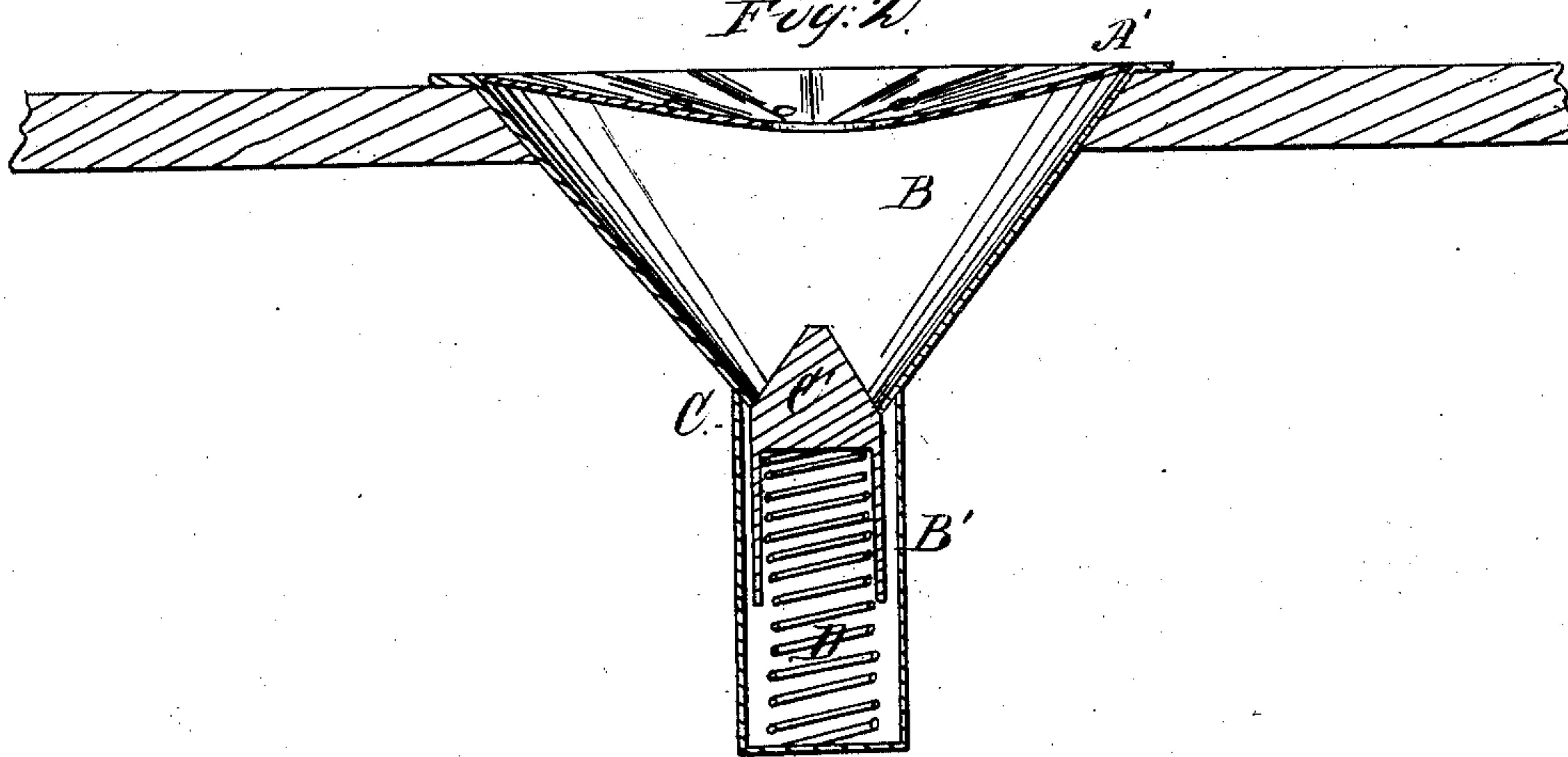
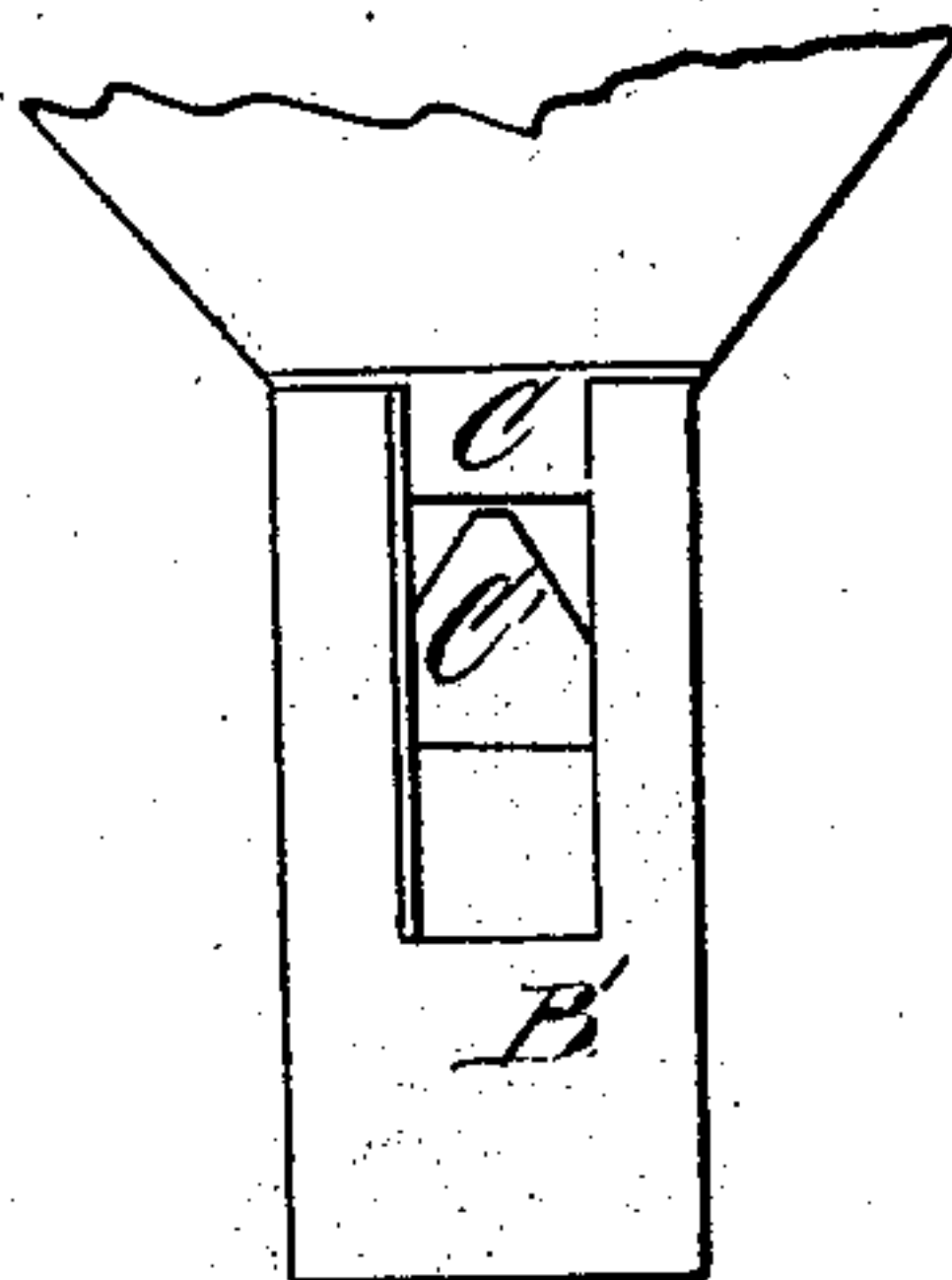


Fig. 3.



Witnesses:

W. A. Burrage
J. Holman

Inventor:

F. H. Furniss

UNITED STATES PATENT OFFICE.

F. H. FURNISS, OF CRESTLINE, OHIO.

IMPROVEMENT IN SPITTOONS FOR RAILROAD-CARS.

Specification forming part of Letters Patent No. 56,400, dated July 17, 1866.

To all whom it may concern:

Be it known that I, F. H. FURNISS, of Crestline, in the county of Crawford and State of Ohio, have invented new and useful Improvements in Spittoons for Railroad-Cars; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a top view. Fig. 2 is a vertical section. Fig. 3 is a detached section.

A represents the floor of the car, to which the upper section of the spittoon A' is attached by means of screws around the margin. This plate is slightly funnel-shaped, as shown in Fig. 2. The body B of the spittoon has its walls inclined at an angle of about forty-five degrees, forming thereby a deep chamber below the top plate, A'. The body B extends downward through the floor and terminates in the hollow stem B'. In the upper portion of this stem is located the valve-seat C, and C' represents the valve. This is cone-shaped, and the apex extends upward into the body of the spittoon. Beneath the valve C' and within the stem B' is located a coiled or spiral spring, D, and upon this spring the valve C' rests, and by it the valve is pressed upward against the seat. The object in thus keeping the valve pressed up against the seat is to prevent the dust from entering the car when the car is in

motion. The cone-like figure of the valve allows all of the liquid to readily pass out whenever the valve is opened.

The valve can at any time be very readily opened by pressing upon it with a small rod or stick, and thus allow the accumulated liquid to run out; or the spring D can be so nicely adjusted that the weight of the accumulating fluid will of itself open the valve; or, instead of a moving valve and spring, the pipe B' may be curved like a gas-trap, and thus insure the continuous discharge of all the accumulating liquid; or in case the valve and spring are used a permanent stem can project in such a manner as to be readily pressed upon by the foot.

The spittoon may be placed between the car-seats, or in the passage-way through the car, or in any convenient situation.

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

1. Constructing a spittoon with a valve-seat, C, and valve C', as set forth.

2. The hollow stem B' and spring D, in combination with the valve C' and body B, as and for the purpose herein set forth and described.

F. H. FURNISS.

Witnesses:

W. H. BURRIDGE,
E. E. WAITE.