

W. J. Beach,

R.R. Car Shifters.

No. 104691.

Patented June 28, 1870.

Fig. 1.

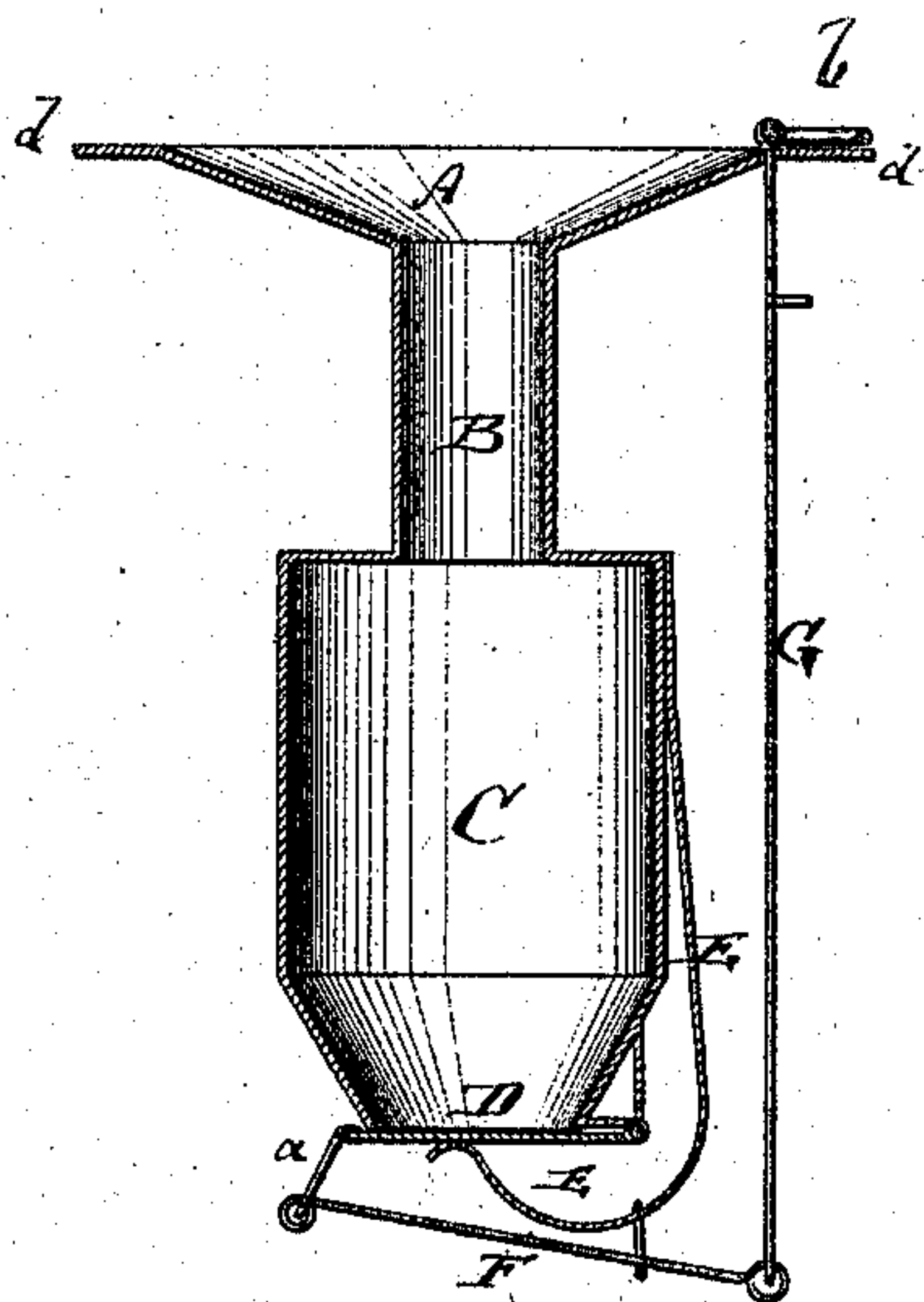
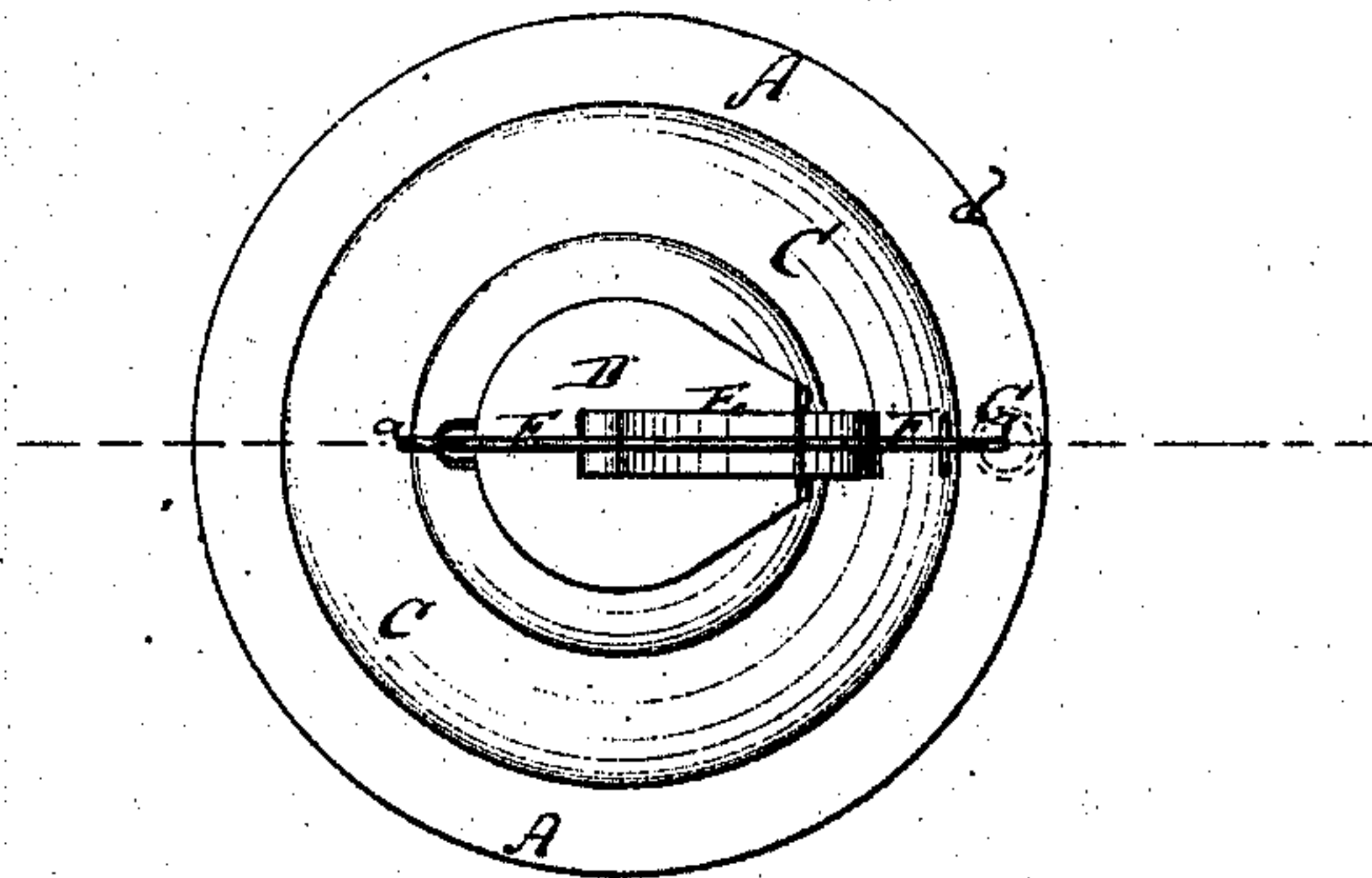


Fig. 2.



Witnesses:

A. Benneken
S. J. Mabee

Inventor:

W. J. Beach

PER

Mmm K

Attorneys.

United States Patent Office.

WILLIAM JAMES BEACH, OF NASHVILLE, TENNESSEE.

Letters Patent No. 104,691; dated June 28, 1870.

IMPROVED RAILROAD-CAR SPITTOON.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, WILLIAM JAMES BEACH, of Nashville, in the county of Davidson and State of Tennessee, have invented a new and improved Railroad-car 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 drawing forming part of this specification, in which—

Figure 1 represents a vertical central section of my improved spittoon.

Figure 2 is an inverted plan view of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to furnish a spittoon for cars, which may be placed on and extend through the floor, and allow the contents to be easily emptied upon the ground under the car.

The spittoon is provided with a spring door, which prevents the entrance of air while the car is in motion, and which can be opened by means of a lever and rod.

A, in the drawing, represents the funnel-shaped upper part of the spittoon. It is, by means of a flange, *d*, secured to and suspended from the floor of a car.

B is the neck.

C, the body of the spittoon, the latter being suspended below the floor.

The bottom of the spittoon is formed by a hinged door, D, which is held closed by a strong spring, E.

A lever, F, which is at one end connected by a loop, *a*, with the free or swinging end of the door D, is, at the other end, secured to the lower end of a rod, G. This rod passes up through the floor, and has a ring or handle, *b*, at its upper end. By pulling on the rod G the lever F will swing on a suitable fulcrum, projecting from the door D, or from the spittoon, and will thereby open the door, so as to discharge the contents of the same to the ground. The spring holds the door D properly closed during the motion of the car.

Having thus described my invention,

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

A railroad-car spittoon, provided with a swinging door, D, spring E, lever F, and rod G, all arranged to operate as set forth.

WILLIAM JAMES BEACH.

Witnesses:

J. R. SNEED,

E. M. THOMPSON.