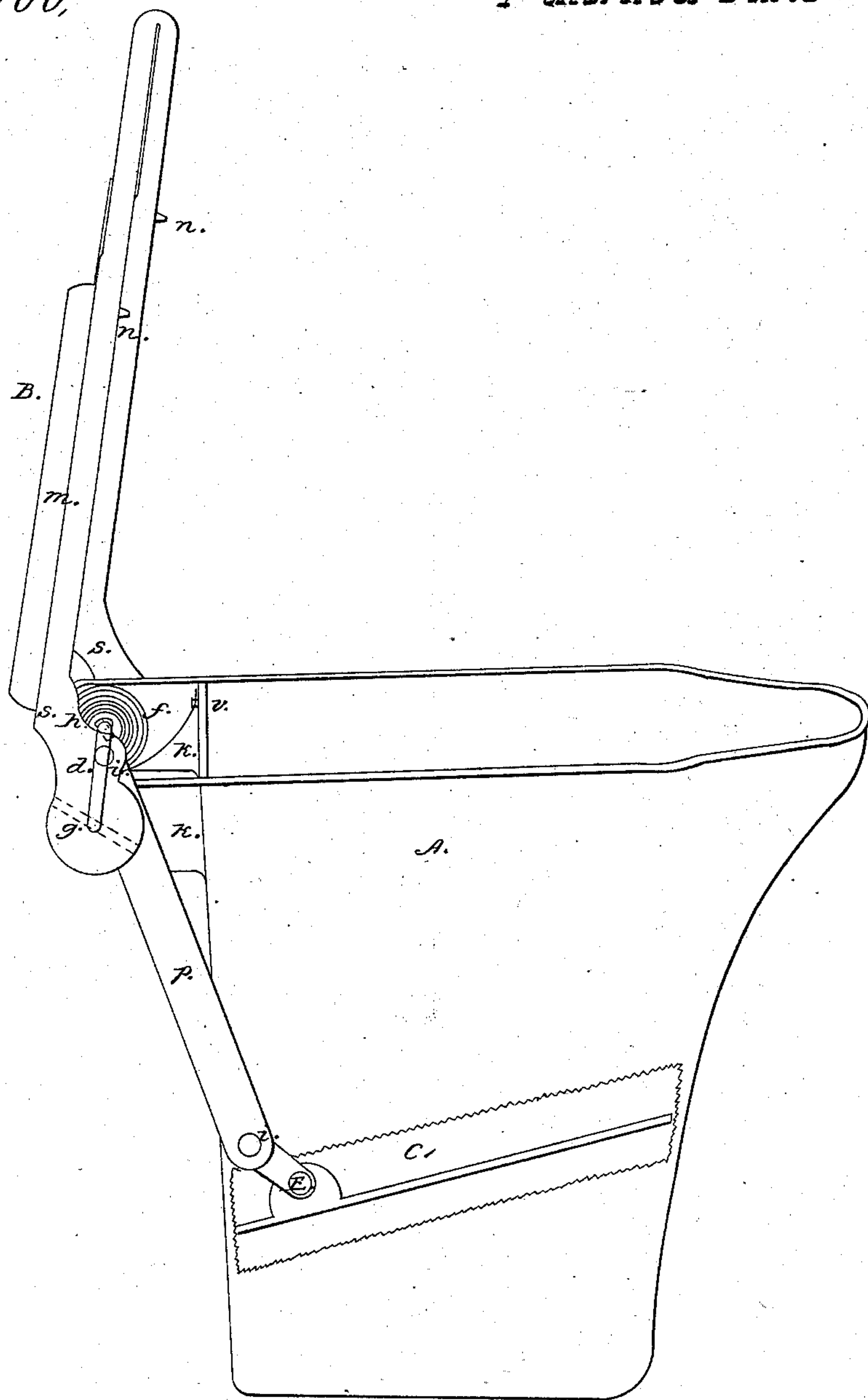


B. Pickering,  
Water Closet

N<sup>o</sup> 55,900.

*Patented June 26, 1866.*



Witnesses:  
Andrew Stearns  
E. Tenney,

Inventor:  
Barton Pickering.

# UNITED STATES PATENT OFFICE.

BARTON PICKERING, OF MILTON, OHIO.

## IMPROVEMENT IN WATER-CLOSETS.

Specification forming part of Letters Patent No. 55,900, dated June 26, 1866.

*To all whom it may concern:*

Be it known that I, BARTON PICKERING, of Milton, in the county of Miami, in the State of Ohio, have invented a new and Improved Water-Closet; and I do hereby declare that the following is a full and exact 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 against the deposit of urine-dust or other excrementitious matter on the seat by the seat being held in a vertical position; and to the seat is connected a valve or wing, which is closed by the movement given to the seat, thereby preventing the escape of odor from the vault.

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

The figure represents the water-closet in perspective, the top having an inclination forward, and the several letters in connection therewith representing distinct parts of the same.

A is a hollow cast-iron vessel of suitable size, the back being a straight line and at right angles with the sides, and the sides being of equal width and rounding to the front and tapering from the top downward. The form is such that the valve as soon as raised from where it rests rises freely from the sides and front. This vessel has a flange, *o*, by which it is fastened to the floor, and two ears, *k k*, for the support of the seat. A section of the side is cut away to show the position of the valve C.

B is a cast-iron seat having two projections, *n n*, to support the seat when used, and two ears, *s s*, to support the seat when in a vertical position. *m* are pieces of wood or other substance fastened to the seat on which the person rests. The seat is connected to the vessel by the rod *d*, which passes through the ears of each, and to this rod is attached a flat coil-

spring, *f*, which spring is likewise attached to the vessel at *v*. The rod *d* is made to move with the seat by a pin, *g*, passing through the ear and rod, and thus the spring moves the seat.

C is a valve which closes the orifice of the vessel A, and when the seat is brought down in position to use, the front end of the valve rises and rests against the back of the vessel A. *e* is a rod passing through the sides of the vessel A and the ears of the valve C, and on the end of which is a crank.

A pin (not shown in the drawing) passes through the ear of valve and through the rod *e*, thus causing the rod and valve to move together.

*p* is a bar connected at its upper end with the seat by the hub *i'* and its lower end connected with the crank by the hub *i''*. This bar thus connected causes the valve to move in an opposite direction to that of the seat. A sufficient weight may be substituted for the spring to produce the requisite movement, or other forms of springs may be substituted to secure the vertical position of the seat and consequent position of the valve. When used, the under side of the valve is exposed, and as a consequence when it closes the upper part of the vessel remains cleanly.

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

1. The arrangement of the vessel A, seat B, and valve C, the whole constructed substantially as described, and for the purposes set forth.

2. The arrangement of the spring *f* and bar *p*, to hold the seat B in a vertical position and the valve C in a nearly horizontal position, substantially as described, and for the purposes specified.

BARTON PICKERING.

Witnesses:

ANDREW STEVENS,  
E. TENNEY.