

J. H. GOULD.
Water-Closet.

No. 160,896.

Patented March 16, 1875.

Fig. 1.

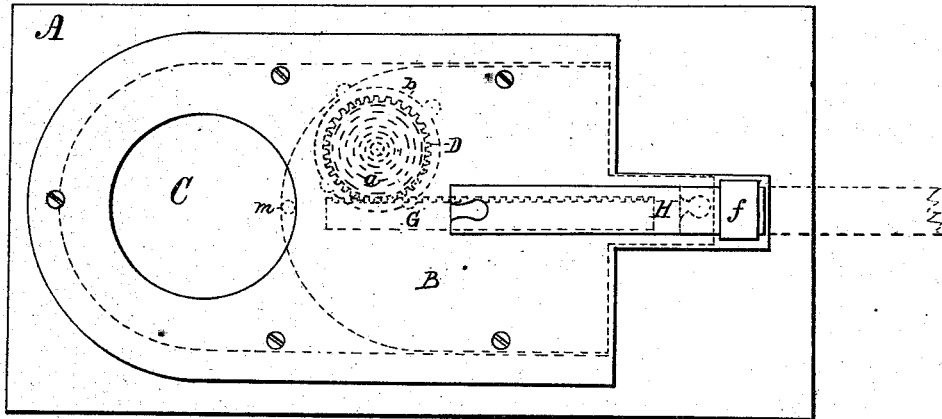
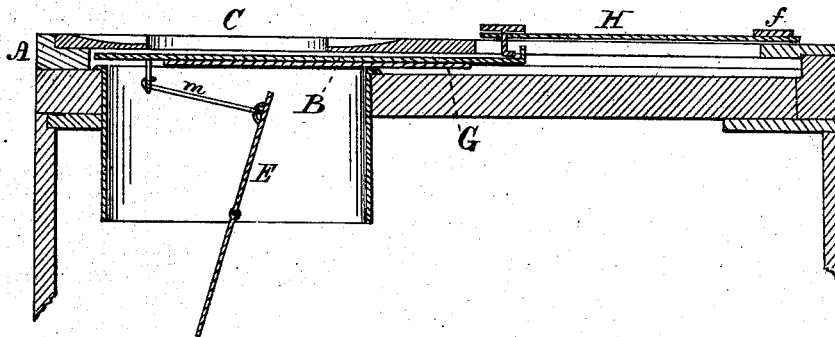


Fig. 2.



WITNESSES
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UNITED STATES PATENT OFFICE.

JOHN H. GOULD, OF HUDSON, NEW YORK.

IMPROVEMENT IN WATER-CLOSETS.

Specification forming part of Letters Patent No. **160,896**, dated March 16, 1875; application filed August 27, 1874.

To all whom it may concern:

Be it known that I, JOHN H. GOULD, of Hudson, State of New York, have invented an Attachment for Water-Closets or Privies, in private or public places, of which the following is a specification:

The object of the invention is to protect the seats of water-closets or privies on railroads, steamboats, ships, and other places from the usual nuisances, and for the effectual exclusion of foul odors, spray, &c., from the sink, whether in use or not in use.

This invention will be fully comprehended by reference to the drawings accompanying this specification, in which Figure 1 represents a plan or top view, and Fig. 2 a longitudinal vertical central section of the same.

The machine is let into the box or frame-work A of the privy; and consists, first, of a coiled spring, *a*, inclosed in a spring-box, *b*, the latter being let into an opening in the seat or box flush with its surface. A ratchet-wheel, D, over the spring-box, attached to the shaft of the same, and operated by means of the coiled spring, gears with a cogged plate, G, which is permanently attached to the under surface of the slide B, as shown in dotted lines, Fig. 1. Secondly, to the end of slide-plate B is attached rod *m*, connecting with end of the cylinder-plate dumper or damper E.

The operation of the machine is as follows: *f* is a thumb-piece attached to sliding bar H.

When seat C is to be used, the sliding bar H is pushed back by means of thumb-piece *f*, carrying with it the slide B, which uncovers the sink or seat thereof, C. The ratchet or cogged plate appended to the under surface of slide plate B winds up the coil of spring and closes the cylinder-plate E, by means of connecting-rod *m*, effectually excluding during the use of the closet the upward emission of spray, foul air, &c. The parts of the mechanism retain their relative positions and perform their proper functions when thus in use, but when the seat is vacated the reverse action of the coiled spring closes the same, and at the same time dumps below into the sink the deposits upon the cylinder-plate E.

It will thus be seen that the committing of nuisances while the seat is closed is impracticable. Foul air is likewise excluded, as well as the introduction of matter to impede the working of the mechanism.

I claim—

The slide B, operated by means of the ratchet-plate G, in combination with ratchet-wheel D, spring *a*, rod *m*, and cylinder-plate E, the whole constructed and operated substantially as and in the manner described.

JOHN H. GOULD.

Witnesses:

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