

G. R. KUHN.
WATER-CLOSET.

No. 187,540.

Patented Feb. 20, 1877.

Fig. 1

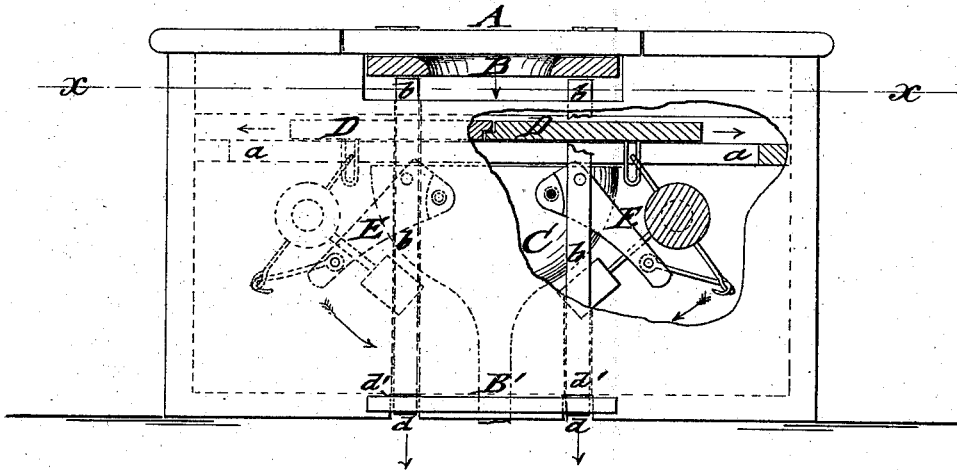
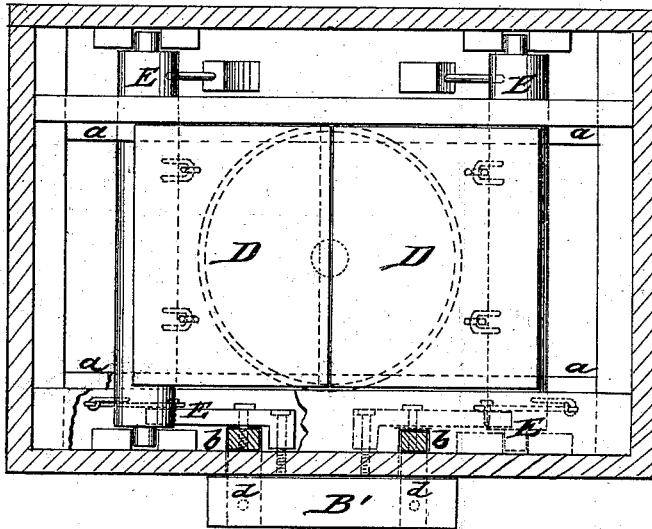


Fig. 2



WITNESSES:

A. W. Almqvist
J. A. Scarborough

INVENTOR:

G. R. Kuhn
BY *Wm. J. G.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE R. KUHN, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN WATER-CLOSETS.

Specification forming part of Letters Patent No. **187,540**, dated February 20, 1877; application filed December 30, 1876.

To all whom it may concern :

Be it known that I, GEORGE R. KUHN, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Water-Closet, of which the following is a specification :

In the accompanying drawing, Figure 1 represents a front elevation, with part cut out, of my improved water-closet; and Fig. 2 is a top view of the same, partly in horizontal section, on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention relates to such improvements in the construction of water-closets that the smell arising from them is confined, and prevented in effective manner from escaping, which renders water-closets and commodes more comfortable and less annoying when in use.

The invention will first be described in connection with the drawing of water-closet, and then pointed out in the claim.

In the drawing, A represents the usual lid, B the hinged seat, and C the bowl, of a water or earth closet, commode, or similar device. Directly above the bowl C is arranged a supplementary lid, D, which is preferably made of two semi-sections, that overlap at

their meeting edges, and are lined with rubber to form a hermetically-sealing joint. The semi-sections D slide on guide-rails *a*, so as to open or close the bowl, the opening of the sections being produced either by depressing the seat B, which acts on vertically-sliding pieces *b*, that operate by an intermediate lever mechanism, E, the sliding lid-sections D, or by depressing with the foot a treadle, B', attached to supports *d*, extending forward through front recesses *d'* of the frame of the water-closet or commode.

The connecting-lever mechanism E is provided with weights or springs, that serve to close the lid-sections automatically as soon as the pressure on the seat or treadle is released.

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

The combination, with a sliding cover, D D, held in place by a weight or spring, of the vertical bars *b b*, connected with mechanism E and treadle B', as and for the purpose specified.

GEORGE R. KUHN.

Witnesses:

JNO. J. COONEY,
PAUL GOEPEL.