

(No Model.)

D. WATSON.
BIDET FOR COMMODES.

No. 308,717.

Patented Dec. 2, 1884.

Fig. 1

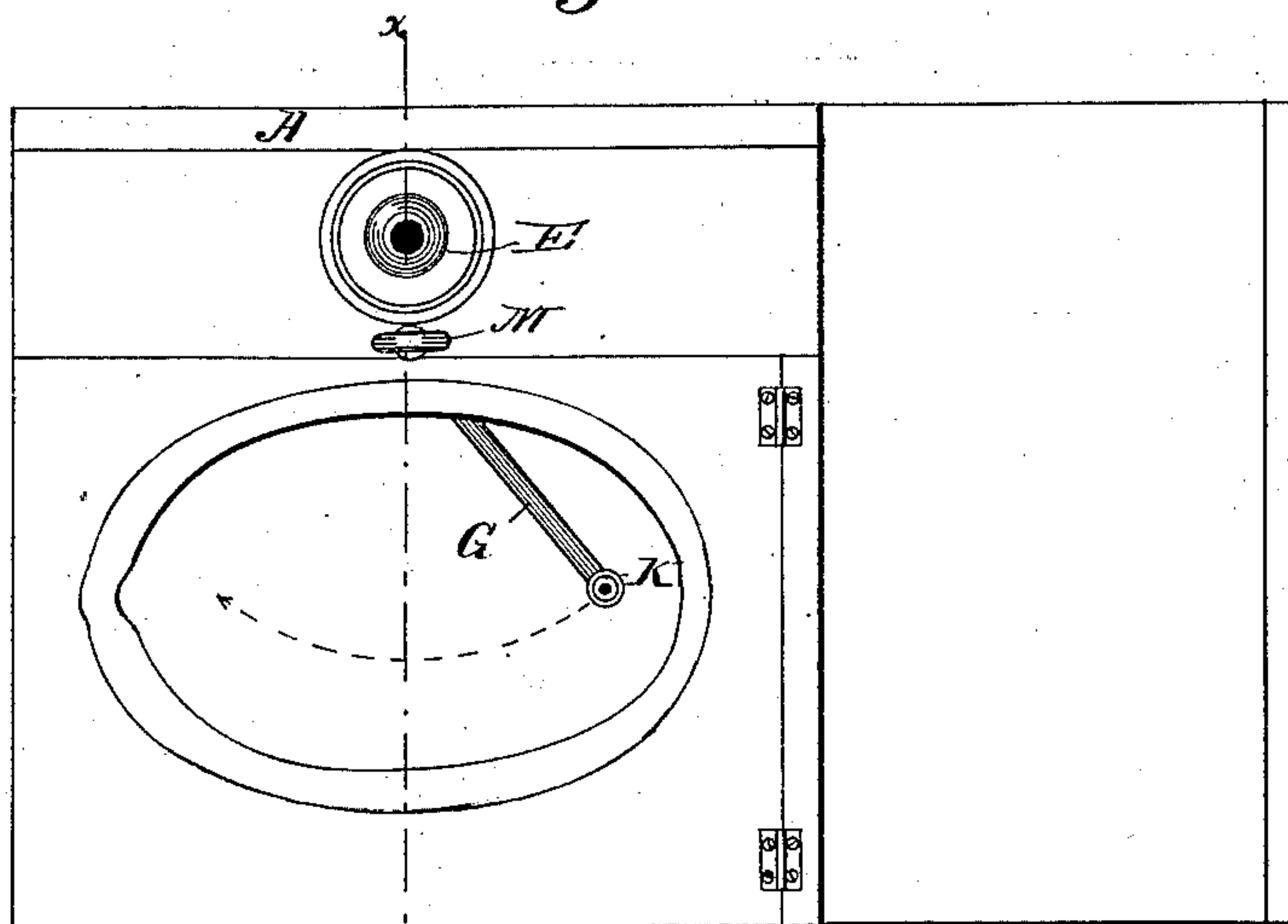
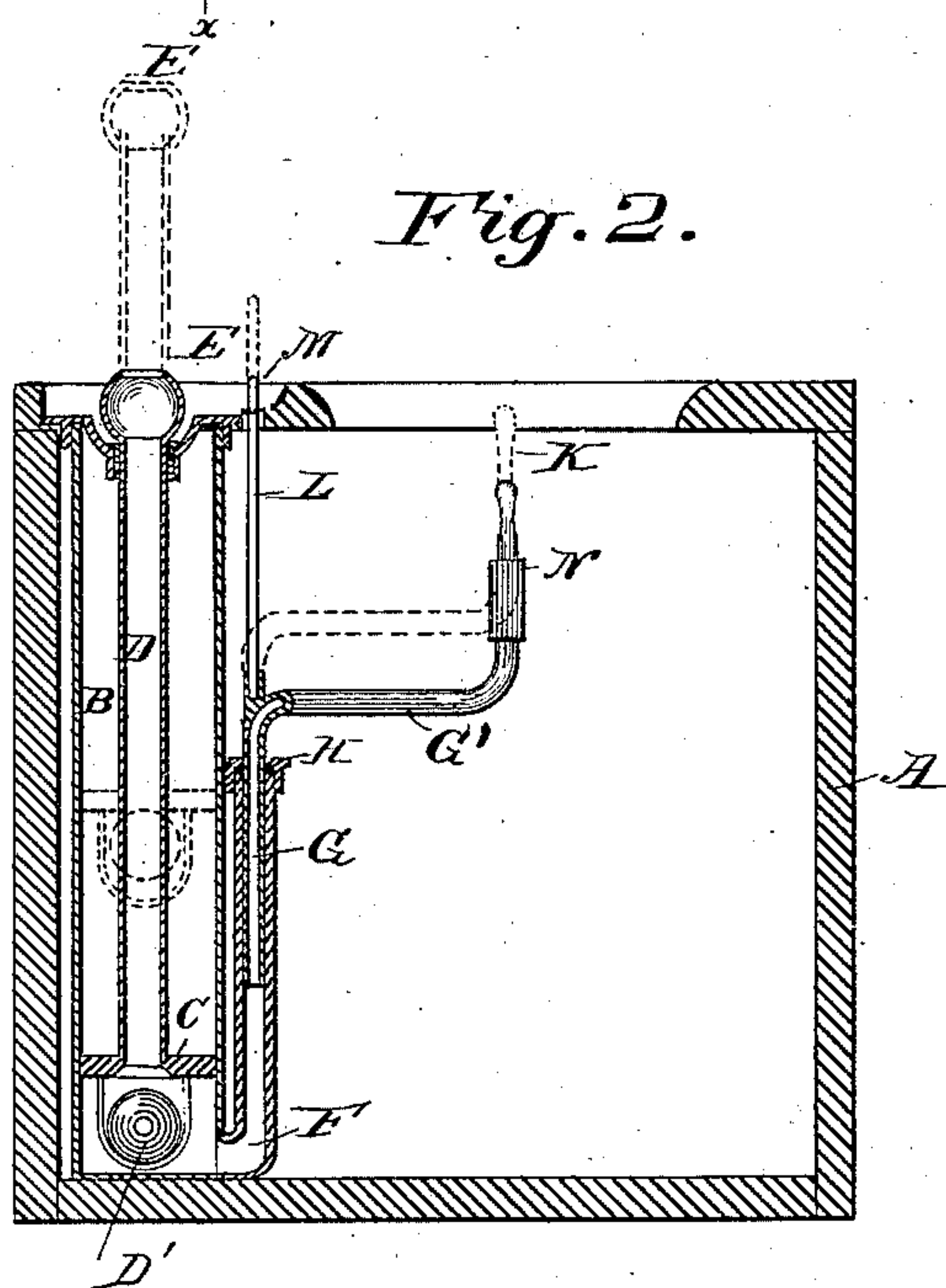


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

DAVID WATSON, OF NEW YORK, N. Y.

BIDET FOR COMMODES.

SPECIFICATION forming part of Letters Patent No. 308,717, dated December 2, 1884.

Application filed February 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, DAVID WATSON, of the city, county, and State of New York, have invented a new and useful Improvement in Bidets for Commodes; 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, making a part of this specification.

My invention relates to an improvement in bidets to facilitate their use by invalids and the combination thereof with portable closets or commodes.

It consists in the combination, with a force-pump or syringe fitted vertically in the commode and adapted to be filled through a hollow plunger-rod closed at its lower end by a valve, of a suitable bidet-tube and nozzle so fitted to the discharge-tube of the pump with a telescopic joint as to admit of adjustment both vertically and horizontally.

In the accompanying drawings, Figure 1 is a plan view of a commode fitted with my improved bidet, and Fig. 2 a vertical section in line *xx* of Fig. 1.

A represents a commode of any suitable form of construction; B, a cylindrical pump-chamber fitted vertically in the commode at one side of the seat formed in the top thereof with its upper end flush with said top.

C is a piston properly packed and fitted to work in said chamber B.

D is a hollow piston-rod fitted centrally to the plunger to extend through the same and project upwardly therefrom. The lower open end of the piston-rod is covered by a ball or other suitable form of valve, D', fitted upon the under side of the piston and adapted to open automatically when the piston is at rest and to close when the piston is forced downward. The upper open end of said rod extends outwardly through a stuffing-box fitted in a cap, which closes the upper end of the pumping-chamber and terminates in a funnel or cup, E, with which the interior of the rod communicates freely, and which is shaped and adapted likewise to serve as a handle by means of which to work the rod and piston. The lower end of the pumping-chamber B communicates

with a lateral tube or chamber, F, within which is fitted an open-ended delivery-tube, G. This delivery-tube G is made to extend out through a stuffing-box, H, in the upper end of the chamber F, so that it may both reciprocate and rotate freely therein. It is bent or fitted with an elbow and an extension-piece, G', so as to extend horizontally far enough to reach the central line of the seat or opening in the commode, and it terminates in a nozzle, K, fitted thereto with a flexible joint which may consist of a rubber tube, N, and which permits it to project up vertically therefrom. A rod, L, is secured to the delivery-tube G to project vertically therefrom in line with its axis up through the top of the commode, and terminates in a handle, M, by means of which the adjustment of the nozzle K both vertically and in a horizontal plane is readily effected.

In the use of the apparatus the chamber B is charged as required with water or other liquid by lifting the piston C and then pouring the charge into the cup or funnel E, from which it will flow through the hollow piston-rod D into the chamber. The nozzle K being now properly adjusted by means of the handle M the bidet is brought into action as needed by simply forcing down the piston-rod with more or less pressure, as may be desired. The device thus admits of being adjusted and used by an invalid with one hand and without the need of an attendant.

I claim as my invention—

The combination, with a commode or water-closet, of a bidet constructed of a pumping-chamber, B, piston C, hollow piston-rod D, valve D', delivery-chamber F, adjustable delivery-tube G, and adjusting rod and handle L M, arranged and operating substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID WATSON.

Witnesses:

P. ELBERT NOSTRAND,
A. B. MOORE.