Sept. 25, 1928. 1,685,693

B. CLAUS

BED BIDET

Filed June 11, 1927

Fig. 1.

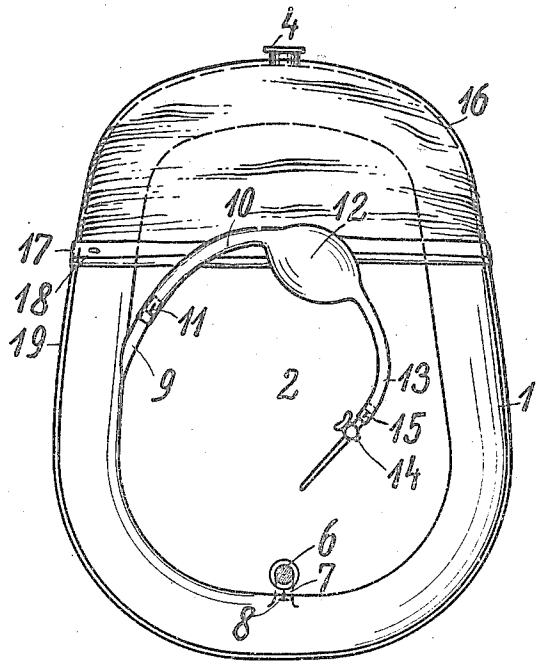


Fig. 2.

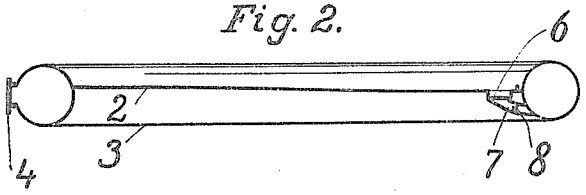
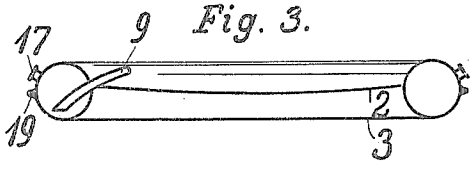


Fig. 3.



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UNITED STATES PATENT OFFICE.

BRUNO CLAUS, OF MAGDEBURG, GERMANY.

BED BIDET.

Application filed June 11, 1927, Serial No. 198,256, and in Germany September 23, 1926.

This invention relates to bed-bidets with douche, the oval seat of the bed-bidet being formed by a metal tube serving as water reservoir. The oval seat has a bottom plate of suitable material, preferably of the same material as the tube, i. e. aluminium. The tube and the bottom plate form together a shallow basin which may have a second bottom plate arranged at about half the height of the tube and inclined towards a discharge pipe.

On the inner side of the tube serving as water reservoir a suction nozzle is arranged to which a rubber ball with rubber hose is connected at the end of which a rose having a cock is fixed. The waste water collecting on the bottom plate flows back into the oval tube through a tubular outflow having a sieve and a suction valve, the sucking back of the water being effected by means of a rubber ball.

The bidet is covered with a rubber-sheet, held on a lateral bead of the tube. When the bidet is to be used, only one half of the cover is laid back whereupon the suction-ball and the rose can be operated.

With this object in view a rubber-strap is stretched transversely over the basin, a little behind the suction tube, and designed to hold the cover.

Valves are mounted in the suction-tube and in the outflow-tube to shut off said tubes and which permit of using the bidet as hot water-bottle.

The bidet according to the invention, is shown, by way of example, in the accompanying drawing in

Fig. 1 in top plan view in

Fig. 2 in longitudinal section and in

Fig. 3 in cross section taken at the height of the suction tube.

The bidet consists of a bent tube 1 and of a bottom plate 2 which is downwardly inclined towards the outflow 7. Under this bottom plate 2, a second bottom plate 3 is fixed which is flush with the lower side of tube 1. At the upper end of the tube 1 a filling tube 4 is arranged which may be used also as outflow for the water.

The water flows from the basin through a screen 6 into a tube 7 in which a suction valve 8 is arranged.

Above the bottom plate 2 a suction tube 9 is arranged which branches off from tube 1 in inward direction and is closed by a suction valve. On this tube 9 a hose 10 is fixed which is enlarged at about the middle to form a suction ball 12. On the free end 13 of hose 10 a cock 14 is fixed which comprises a pressure valve 15 and ends in a rose.

By means of the ball 12 the water is sucked from the tube 1. When the rubber ball 12 is compressed again the valve 11 acts as check valve, so that the water flows through the valve 15 and into the cock 14 and into the rose which is used for flushing.

The bidet is permanently covered by a rubber cover, the upper portion 16 of which need be removed only when the basin has to be thoroughly cleaned. For normal use only the lower portion of the cover is laid back. In order to hold this portion of the cover in the laid back position a rubber strap 18 is provided which is attached to two buttons 17 at opposite sides of tube 1.

A bead 19 extending around the tube 1 serves to securely hold the rubber cover.

I claim:—

1. A bed-bidet comprising in combination a tube of heat conducting material bent to form an oval seat, a solid bottom plate fixed on the lower surface of said tube, a suction tube branching off the inner side of said bent tube in inward direction, a suction valve in said suction tube, a rubber hose comprising a suction ball mounted on the end of said suction tube, a pressure valve in the free end of said rubber hose, a rose extending from said pressure valve, a cock in said rose, an outflow tube at the front end of said bent tube, a screen in said outflow tube, and a suction valve in the same.

2. A bed-bidet as specified in claim 1 comprising in combination with the oval bent tube and the fixed bottom plate, a bead extending along the outer side of said tube, a rubber cover on said bent tube and held by said bead, and a rubber strap stretched across the upper portion of said oval bent tube and designed to hold the lower portion of said rubber cover when the same is folded back.

In testimony whereof I affix my signature.

BRUNO CLAUS.