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(54) **Bidet with tap positioned in front of the user**

(57) The bidet according to the invention has the tap

or taps (2, 2') on the side opposite the wall and are positioned in front of the user.

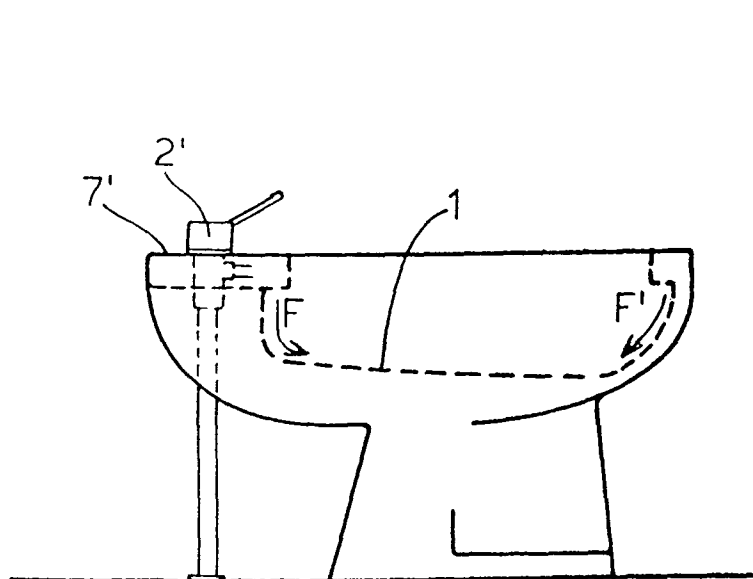


FIG. 4

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Description

This invention concerns a bidet which is particularly practical and easy to use.

Conventional bidets are generally awkward to use since the bidet taps, when used, are behind the person using the bidet. It is even more awkward to use when, as often happens, the bidet has two taps, a hot water and a cold water tap, instead of a single mixer.

Obviously in this case it is even more difficult and awkward to regulate the water temperature.

The scope of this invention is to make it more practical to use the bidet, eliminating the above disadvantages.

The scope is attained as described in claim 1.

For major clarity the description of the invention continues with reference to the enclosed drawings which show the various solutions to the problem and which are intended for purposes of illustration and not in a limiting sense, where:

Fig. 1 is a side view of a conventional bidet;

Fig. 2 is a side view of the bidet according to this invention in the preferred embodiment;

Fig. 3 is a view of the bidet in Fig. 2 with a partial modification;

Fig. 4 is a side view of an alternative embodiment of the bidet in Fig. 2.

In the figures, the number 1 refers to a broken line showing the area in which the water is contained. For the sake of simplicity, a single tap 2 or 2' and a single supply pipe 3 or 3' are shown, while in practice this pipe consists of a mixer that could be replaced by two taps, a hot water and a cold water tap.

Fig. 1 shows a conventional bidet in which tap 2 is positioned on the wall side.

Fig. 2 shows an embodiment of the bidet according to the invention where tap 2 is positioned on the opposite side of the bidet with respect to the wall.

In this case it is undoubtedly easier for the user to utilise the bidet.

From a structural point of view, it is evident that supply pipe 3' must pass through the bidet via horizontal hole 4 with an elbow bend at point 5 and continues vertically to tap 2.

Piping 3', 5, 6 may consist of a metal pipe inserted in the mould during casting, or simply of ceramic hole 4 without metal parts and connected to tap 2 and to pipe 3' by means of couplings mounted at the ends of hole 4.

In addition base 7' on which tap 2 is mounted, must be larger than surface area 7 in Fig. 1 which remains free.

A possible modification to the bidet shown in Fig. 2 is for pipe 3" to pass along the side of the bidet to tap 2. This solution makes the bidet more resistant to mechanical strain. Water supply pipe 3" is thus positioned in a lateral housing that forms a longitudinal groove along

the wall of the bidet as shown in Fig. 3.

Fig. 4 shows a bidet similar to that shown in Fig. 2 with the difference that tap 2' acts as a valve for supplying water simultaneously through the holes spaced at regular intervals along the upper edge of hollow 1. Arrows F, F' refer to the water flow.

For the sake of simplicity the water drain, operating knob and the overflow hole or slot have been omitted from the drawings since they do not concern this invention.

Claims

1. A bidet characterised in that the supply tap or taps (2, 2') are positioned at the end of the bidet opposite the wall so that the same are in front of the person using the bidet.
2. A bidet according to claim 1, characterised in that said tap or taps (2, 2') are mounted on the upper edge of the bidet, on a base (7') whose surface area corresponds to that of the surface area on the wall side on which the taps (2) are mounted on conventional bidets.
3. A bidet according to claim 1, characterised in that the water supply piping (3') passes through hole (4) and along the bottom casing of the bidet longitudinally.
4. A bidet according to claim 1, characterised in that the water supply piping (3") passes laterally along the bottom casing of the bidet, and having at least a longitudinal groove consisting of the bottom casing of the bidet, which forms a housing for said piping (3").
5. A bidet according to claim 1, characterised in that the water supply piping passes under the floor to the front of the bidet opposite the wall and then to taps (2, 2').

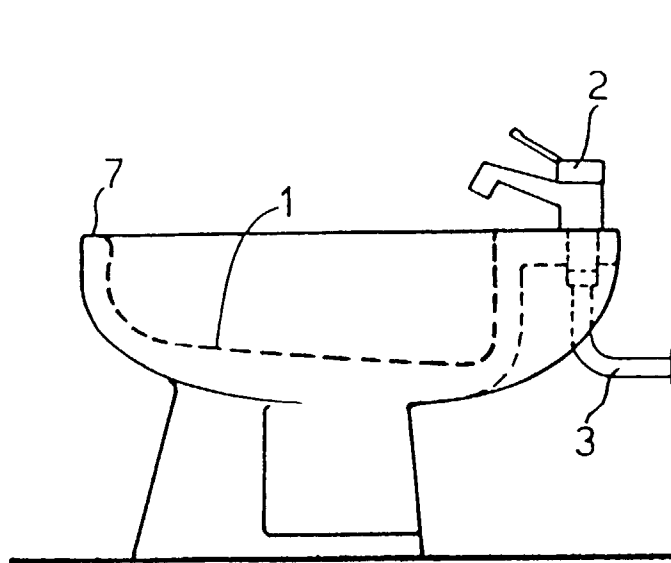


FIG. 1

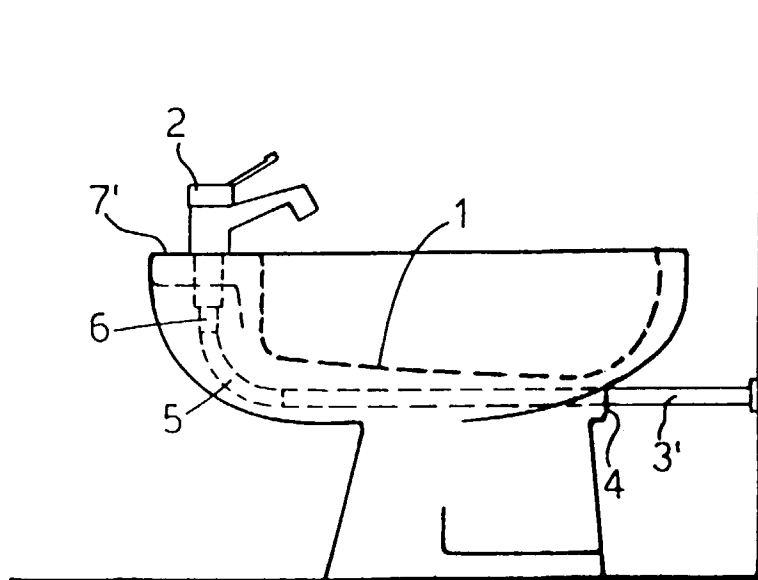


FIG. 2

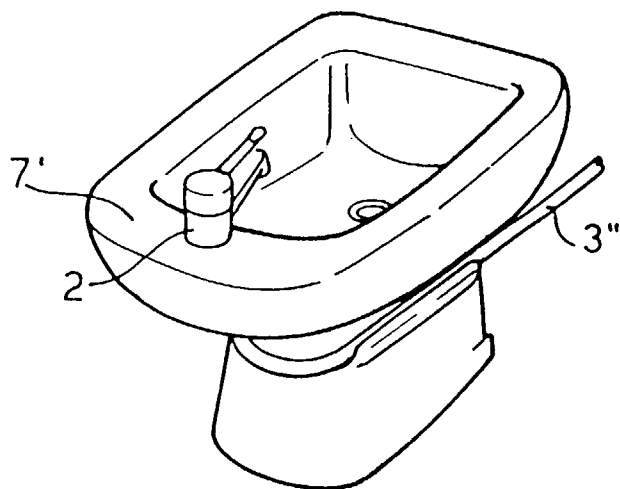


FIG. 3

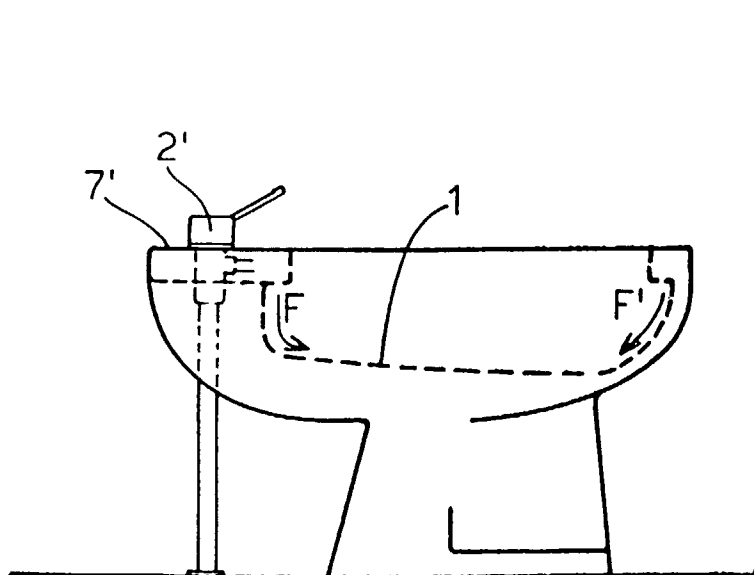


FIG. 4



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EUROPEAN SEARCH REPORT

Application Number
EP 96 83 0300

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE-A-14 29 744 (IDEAL-STANDARD GMBH) * the whole document *	1-3	E03C1/20 E03D9/08
X	DE-A-35 07 851 (IDEAL-STANDARD GMBH) * the whole document *	1,3	
X	DE-A-35 08 893 (IDEAL-STANDARD GMBH) * abstract *	1,3	
X	DE-C-39 07 775 (IDEAL STANDARD GMBH) * column 2, line 15 - line 25 *	1,3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E03C E03D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 6 September 1996	Examiner Van Beurden, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document	

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