

ABSTRACT (Fig. 1)

Improvements in Urinals

A washroom or other convenience includes a vertical wall structure W and an under-floor drain to a foul water outlet D. Mounted on the wall W and as a combination unit is a wash hand basin (1) and a urinal (3). The basin (1) is fed via
5 a water supply inlet (2) to feed a water outlet located above the basin (1) through a feeder pipe (2a) and a goose-neck discharge pipe over the basin. Water feed may be initiated by a push button (5) activating a valve (5a). Alternatively a valve (5b) may be activated through a sensor control unit (5c) utilising a proximity detector (4). After, or during, use of the urinal (3) a user may wash his hands and the washing
10 water used flows into the basin (1a) via the pipe (2a). Waste water from the basin (1) is directed through an outlet (6) which connects with a distributor pipe (6a) having outlet orifices located around the internal periphery at the top of the urinal (3). The waste outlet (3a) of the urinal (3) discharges in the usual manner into drain (D). This arrangement provides conservation of water in that the basin washing
15 water is used to automatically cleanse and flush the urinal.