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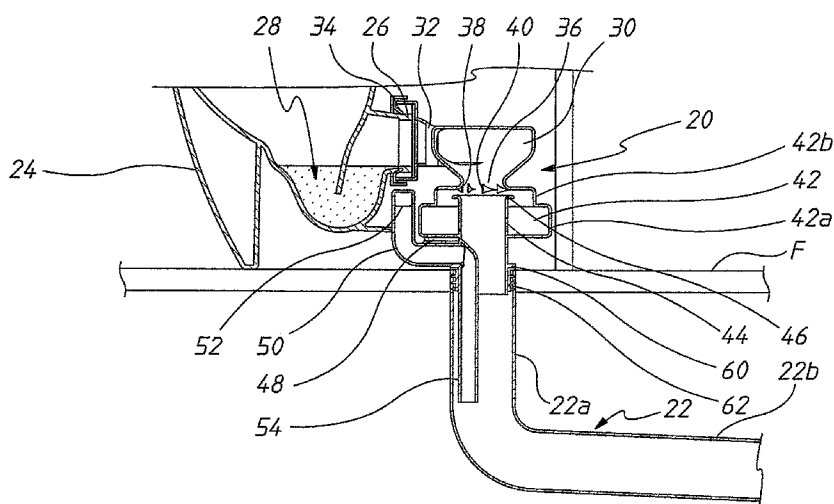
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(54) Title: KEEPING SEWER DRAINLINES CLEAR WITH LOW FLUSH TOILETS OR CISTERNS



(57) Abstract: A device (20) for improving drainline clearance for use with an ultra low flushing volume toilet (24). The device (20) includes a centrifuge separator means (30), for separating liquids (L) and solids (S), and a reservoir (42). The separator means (30) has a substantially horizontal inlet (32), adapted for connection to the outlet (26) of a toilet pan (24), an outlet (36) primarily for solids (S) and an outlet (38) primarily for liquids (L). The reservoir (42) is beneath the separator means (30) and has an inlet (38) in fluid communication with the liquids outlet (38) of the separator means (30). The reservoir (42) is adapted to syphonically empty substantially all of its contents into a sewerage drainline (22) after at least 2 flushes of the toilet (24). Further, the separator means (30) and the reservoir (42) have a combined vertical dimension less than the maximum height of the toilet pan outlet for installation adjacent the toilet (24) and substantially above the floor level (F) of the toilet (24).