

A WASTE REMOVAL SYSTEM

Abstract

A waste removal system that includes a pan (28) for a ultra-low flushing volume toilet (20). The pan (28) comprises a flushing outlet (50) and an outlet trap (51) in fluid
5 communication with the flushing outlet (50). The outlet trap (51) comprises a first downwardly concave lower bend (52) and a second upwardly convex upper bend (54). The pan's cross-sectional shape at an upper level (68), horizontally aligned with the upper surface of the first bend (52), defines a first relatively larger cross-sectional area and the pan's cross-sectional shape at a lower level (70), horizontally aligned with the lower
10 surface of the second bend, defines a second relatively substantially smaller cross-sectional area.

FIGURE 1