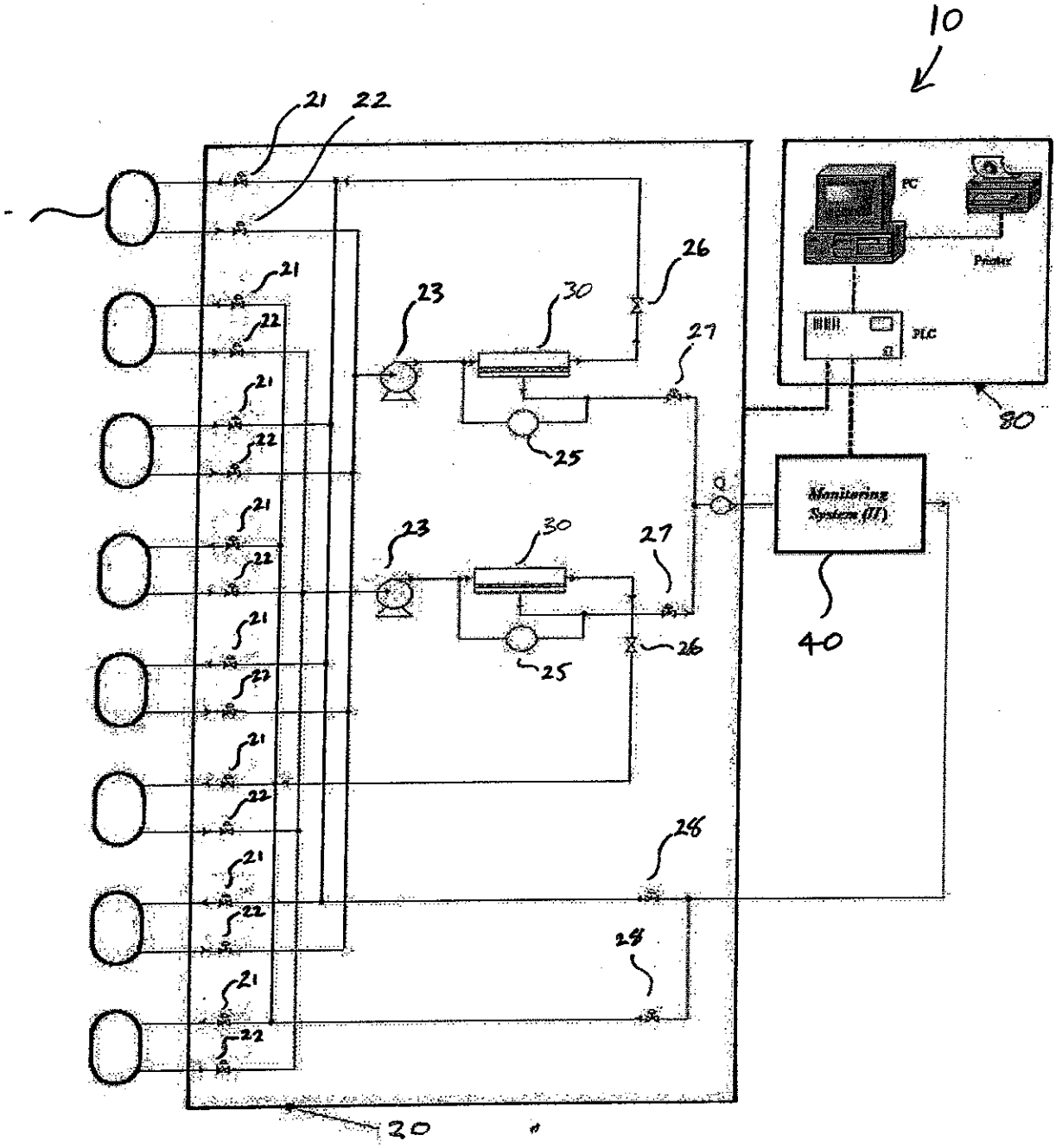


Q: Flow Meter

Fig. 1 Schematic Diagram of Smart Laboratory System

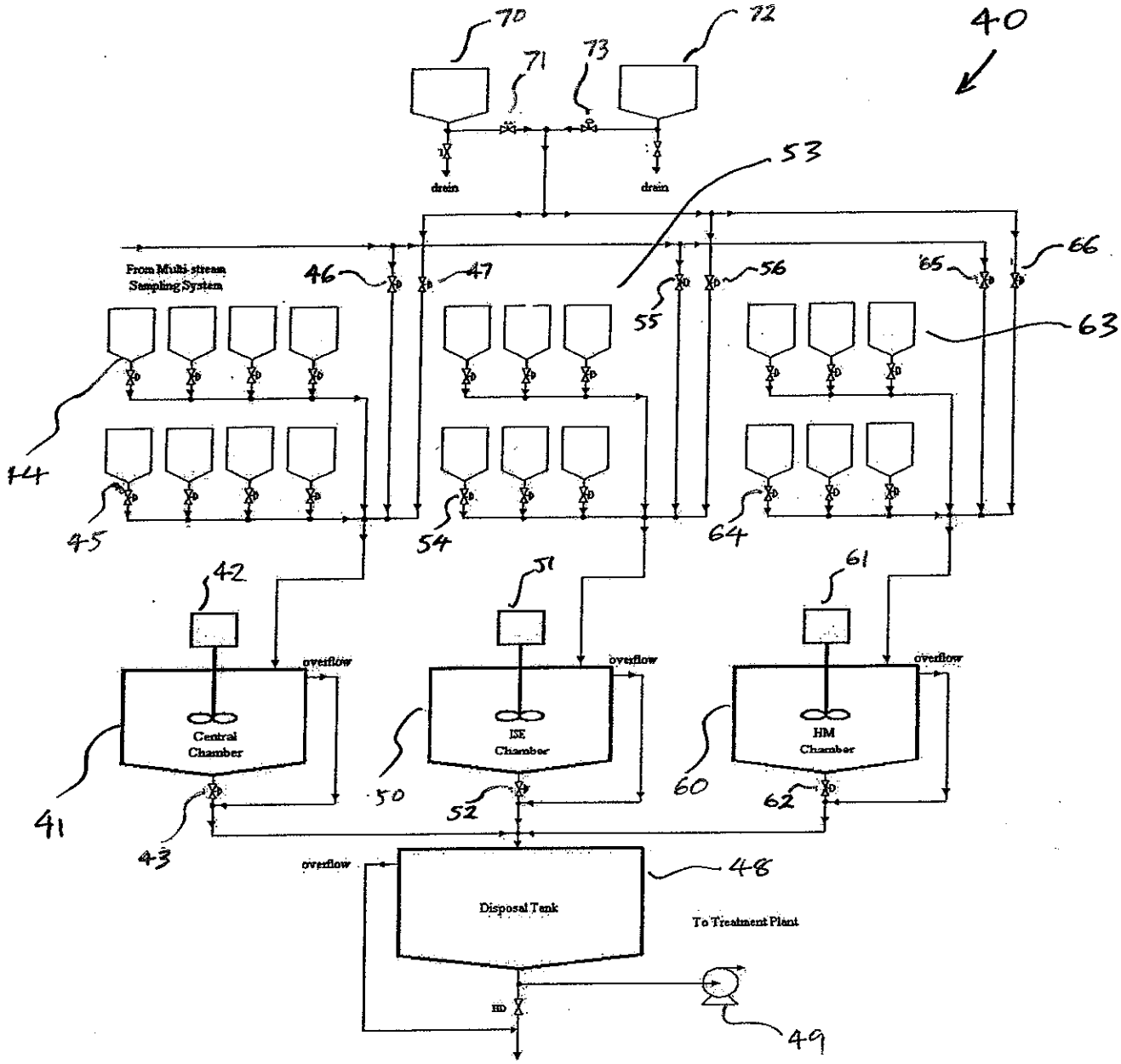


Fig. 2. Schematic diagram of the monitoring system

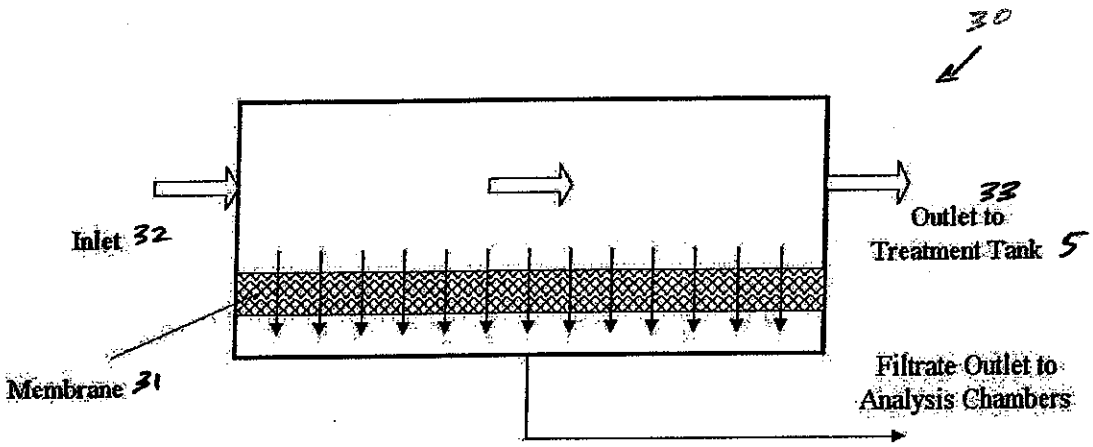


Fig. 3 Detailed diagrammatic illustration of the cross-flow membrane filter

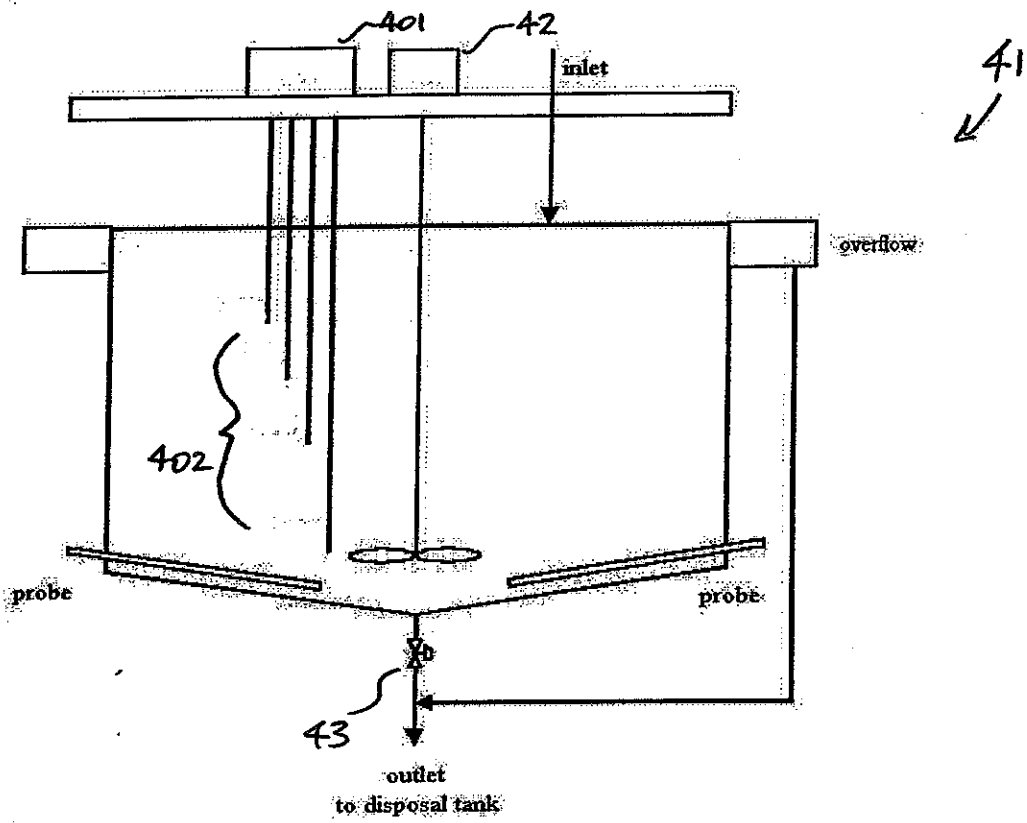


Fig. 4 Detailed side view of the MF chamber

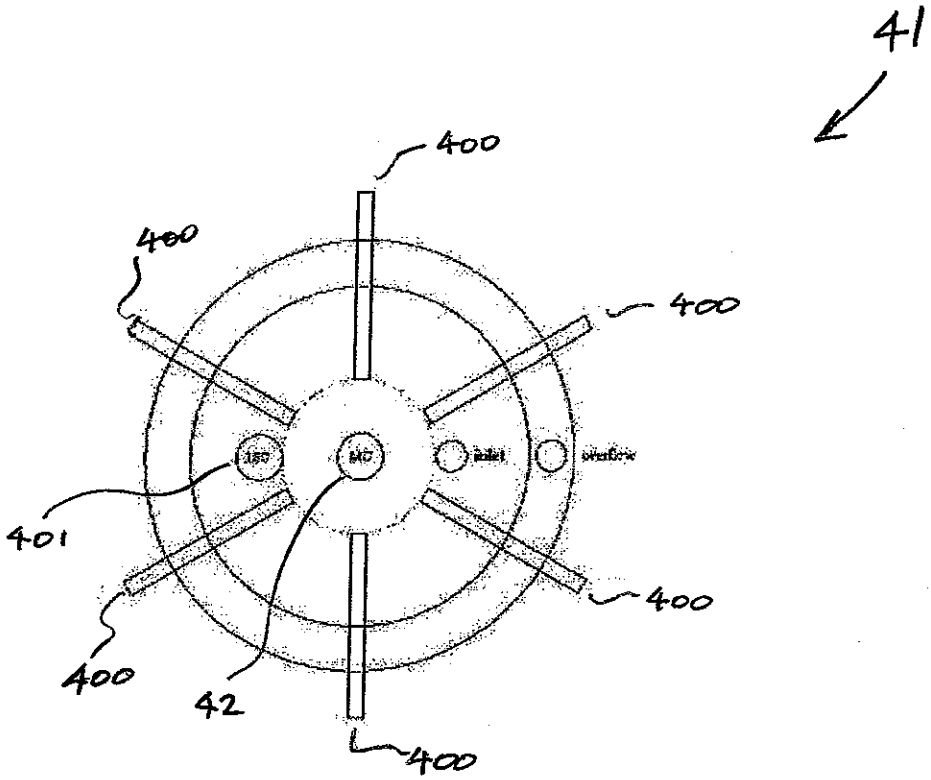


Fig. 5 Detailed top view of the MF chamber

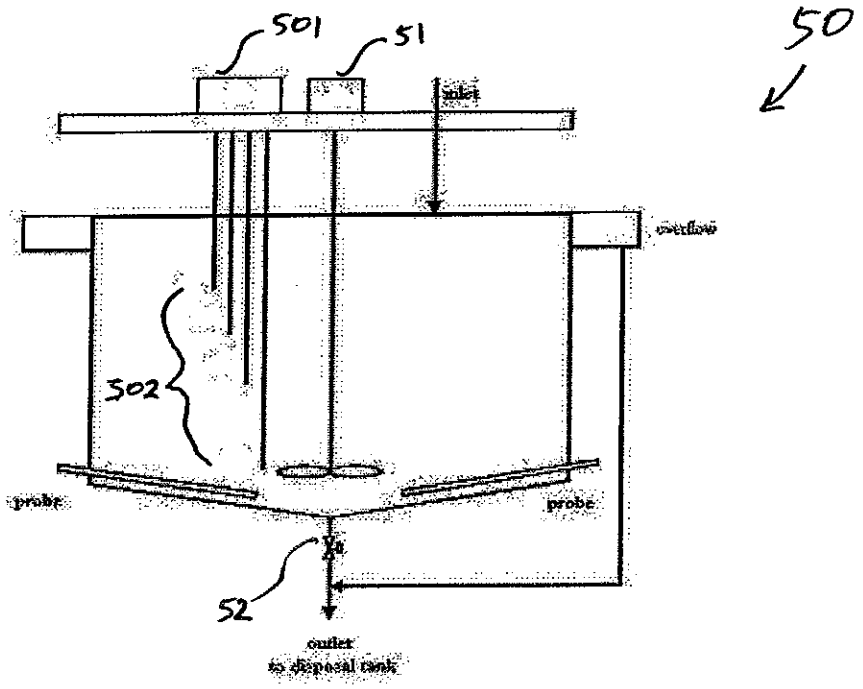


Fig. 6 Detailed side view of the ISE chamber

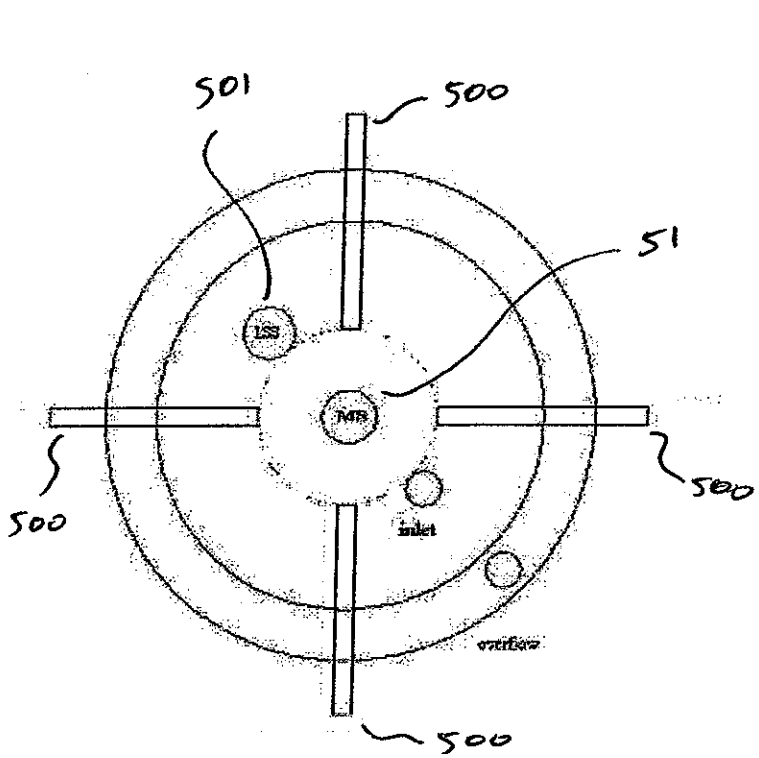


Fig. 7 Detailed top view of the ISE chamber

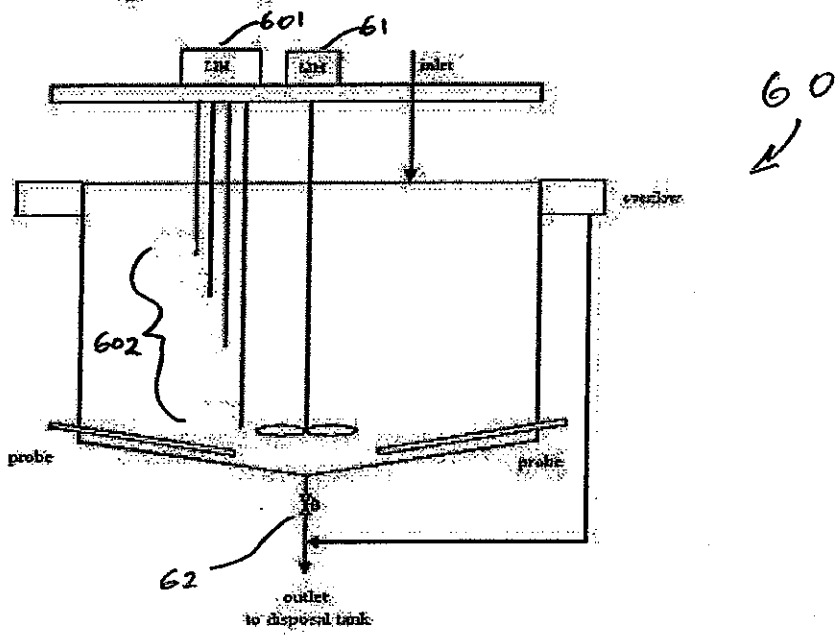


Fig. 8 Detailed side view of the HM chamber

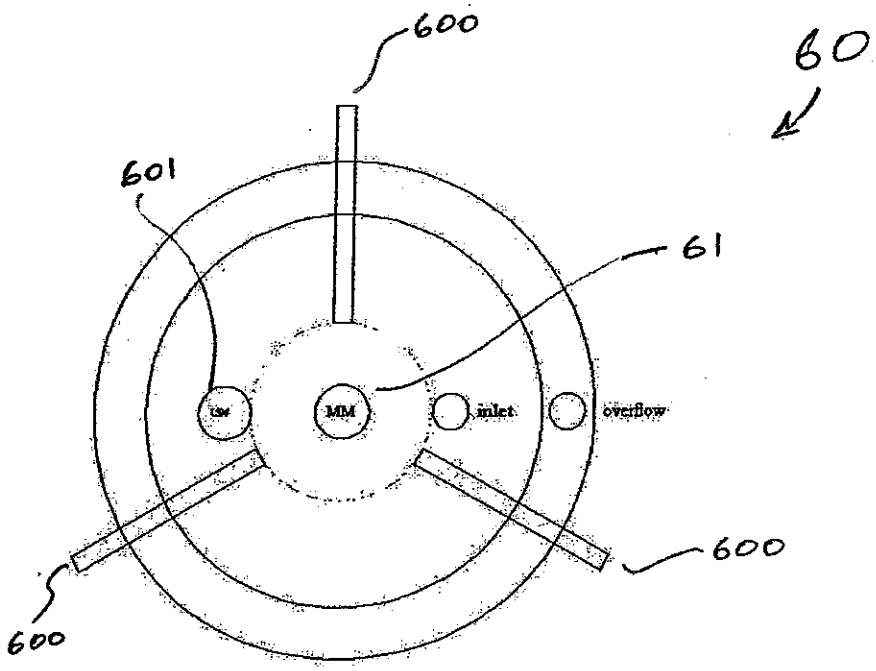


Fig. 9 Detailed top view of the HM chamber

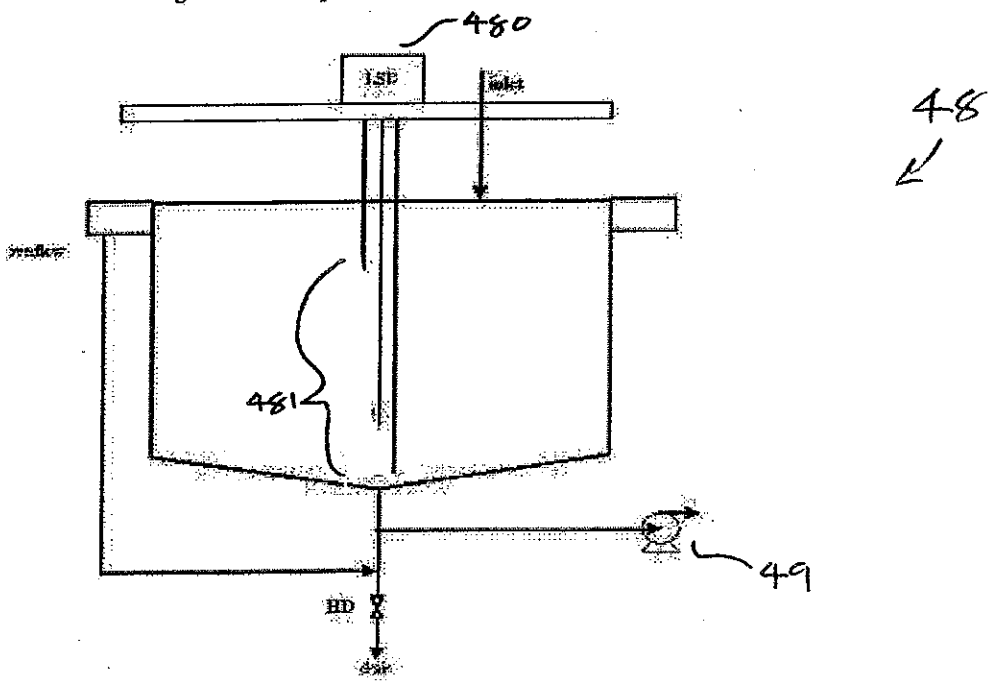


Fig. 10 Detailed side view of the disposal tank

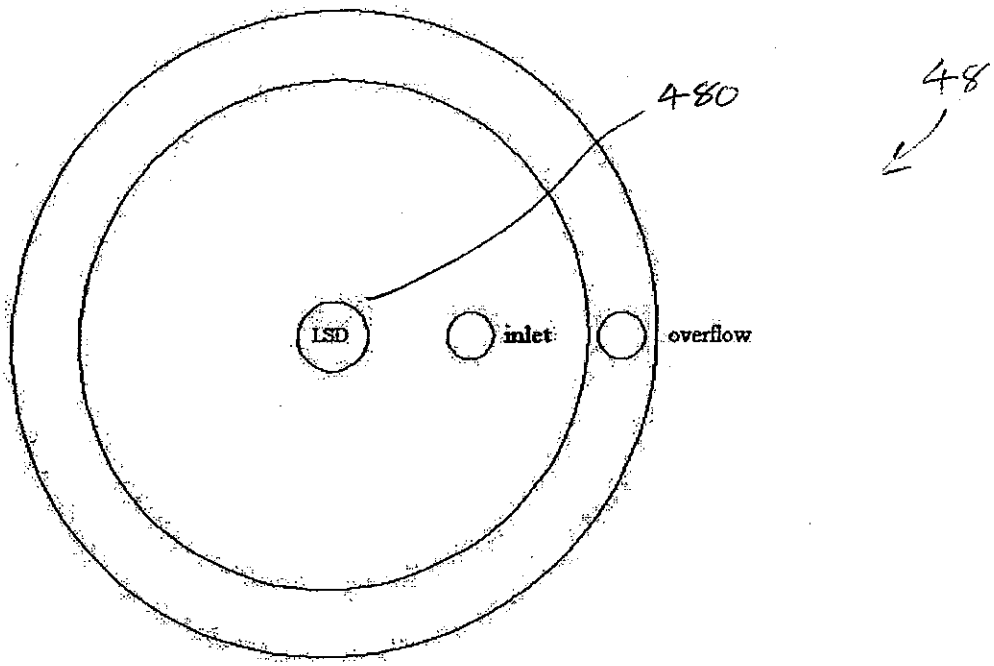


Fig. 11 Detailed top view of the disposal tank