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Declarations under Rule 4.17:

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patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii))

(54) Title: METHOD FOR AUTOMATICALLY CORRECTING DEVIATIONS FROM FLUID METERING SETPOINTS

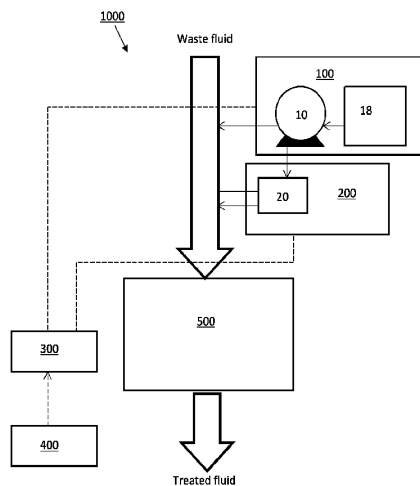


FIG. 1

(57) Abstract: Methods of monitoring a chemical dosing subsystem for treating a fluid in a waste collection system are disclosed. The methods include deploying at least one sensor to the waste collection system, transmitting to an external controller data for a measured parameter of the fluid or treating agent, and comparing a treatment regimen determined responsive to the data to a reference protocol to determine whether the chemical dosing subsystem requires adjustment. Methods of treating a fluid in a waste collection system having a chemical dosing subsystem are also disclosed. Waste treatment management systems including a chemical dosing subsystem, a sensing subsystem, and an external controller are also disclosed. Methods of retrofitting a waste treatment management system are also disclosed.

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