

January 16, 1952

Dear Aaron:

Was the trouble with the sintered glass filters the main reason for switching to an electro-mechanical chemostat regulator? Or was it the desirability of absolute pre-calibration, or something else?

If it was the filter, do you think this type of fixed hydrodynamic resistance would work any better:

a pair of concentric glass tubes, the inner tube sealed. The space between the tubes constitutes the resistance. If necessary, the tubes could be ground to the necessary near fit, and the components spot-"welded" for rigidity. ~~is~~ A relatively non-clogging high, fixed resistance ought to be manageable this way.

Or shouldn't I waste ~~my~~ time going over old ground?

Sincerely,

Joshua Lederberg