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(54) Title: FLUID DELIVERY

(57) Abstract: Operating, based on an objective volume of a fluid aliquot to be delivered during a subinterval, a pump motor of a flow-control apparatus for a first motor duration at a beginning of the subinterval to deliver less than the objective volume. A change in position of a first component of the container relative to position of a second component of the container over the first motor duration is sensed. A volume of fluid delivered over the first motor duration based on the sensed change in position is estimated. A second motor duration, ending no later than the end of the subinterval, to deliver a remainder of the objective volume of the aliquot is determined based on a difference between the objective volume of the aliquot and the estimated volume of the aliquot. The pump motor is operated for the second motor duration targeting delivery of the remainder of the aliquot.