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(54) Title: SYSTEM AND METHOD OF CONTROLLING FLUID FLOW

(57) Abstract: Embodiments of the present invention provide systems and methods of controlling fluid dispense to ensure clean break off of fluid at the end of a dispense process and to reduce crystallization of fluid in the dispense nozzle. One embodiment of the present invention can include a controller that can, generate a flow control signal to cause a control valve to close according to a first close rate parameter for a first segment of the close range and to generate the flow control signal to cause the control valve to close according to a second close rate parameter for a second segment of the close range.