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(72) Inventors: **GLIME, William H., III**; 9285 Greenway Trail, Chagrin Falls, Ohio 44023 (US). **GUTMANN, Daniel**; 13565 Colony Lane, Burton, Ohio 44021 (US). **HORVAT, Frank**; 680 S. Sussex Court, Aurora, Ohio 44202 (US).

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(71) Applicant: **SWAGELOK COMPANY** [US/US]; 29500 Solon Road, Solon, Ohio 44139 (US).

(74) Agent: **GROVER, David J.**; Calfee, Halter & Griswold LLP, The Calfee Building, 1405 East Sixth St., Cleveland, Ohio 44114 (US).

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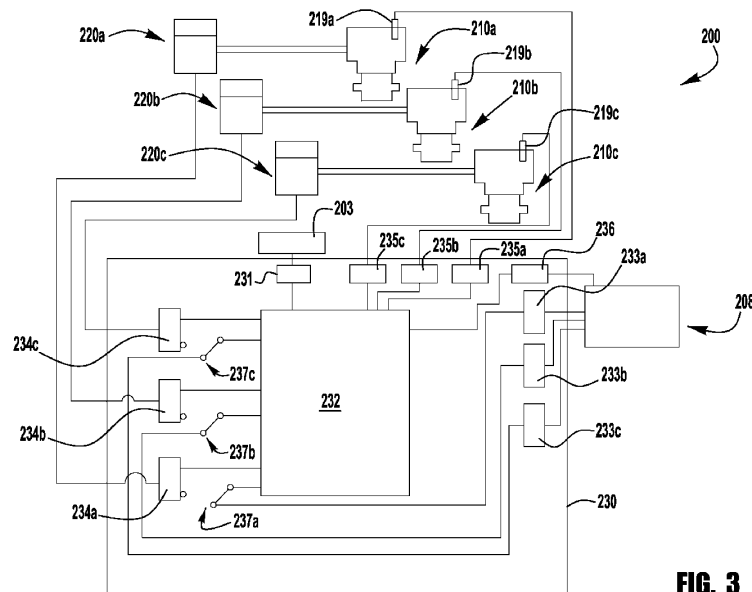


FIG. 3

(57) Abstract: A valve control module includes a controller storing a real time operating system for controlling operation of the valve control module, at least one command signal input connector in circuit communication with the controller and connectable with an external device for receiving command signal pulses from the external device, at least one driver circuit in circuit communication with the controller and connectable with a pilot valve of a valve assembly for transmitting to the pilot valve actuation signal pulses generated by the controller, and at least one digital input connector in circuit communication with the controller and connectable with a position sensor of the valve assembly for receiving stroke signal pulses from the position sensor and communicating the stroke signal pulses to the controller.

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