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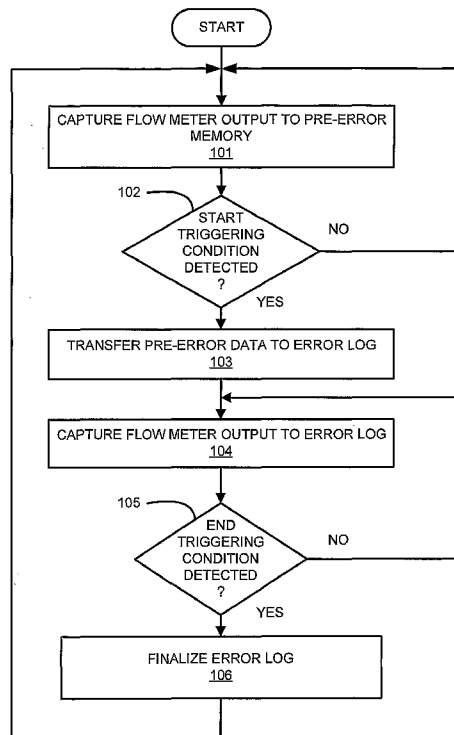
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(54) Title: FLOW METER MONITORING AND DATA LOGGING SYSTEM



(57) Abstract: A flow meter monitoring system (400) is provided according to an embodiment of the invention. The flow meter monitoring system (400) includes a communication interface (401) configured to receive flow meter output, a pre-error memory (407), an error log (409), and a processing system (403) configured to communicate with the communication interface (401), the pre-error memory (407), and the error log (409). The processing system (403) is further configured to capture the flow meter output into the pre-error memory (407), with the flow meter output overwriting an oldest flow meter output stored in the pre-error memory (407), detect a predetermined start triggering condition in the flow meter output, transfer a pre-error memory data from the pre-error memory (407) into the error log (409) when the predetermined start triggering condition is detected, and capture the flow meter output into the error log (409) after the predetermined start triggering condition is detected.



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