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(54) Title: SYSTEMS FOR MONITORING FLUIDICS IN REAGENT CARTRIDGES AND RELATED METHODS

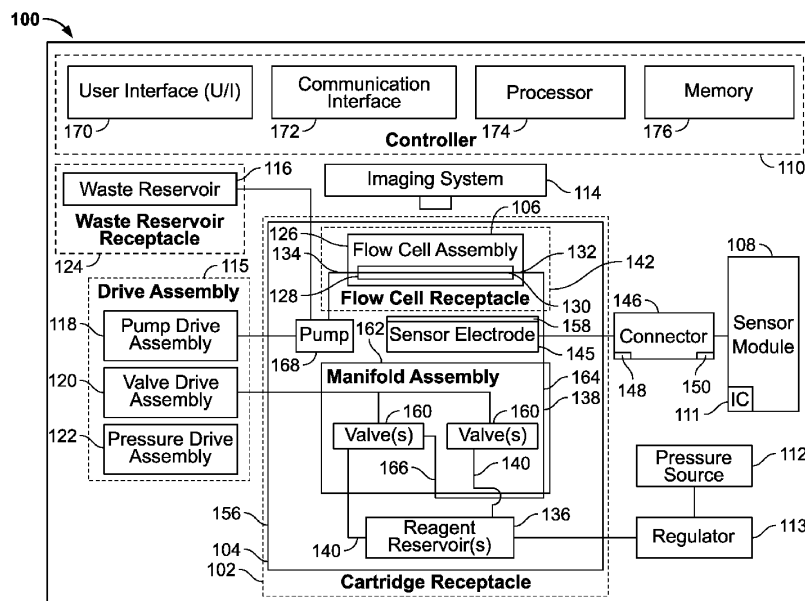


FIG. 1A

(57) Abstract: Systems for monitoring fluidics in reagent cartridges and related methods. An apparatus includes a system includes a reagent cartridge receptacle and a flow cell assembly. The apparatus includes a reagent cartridge receivable within the reagent cartridge receptacle and adapted to carry the flow cell assembly. The reagent cartridge includes a reagent reservoir fluidically coupled to the flow cell assembly. The apparatus includes a sensor module adapted to be positioned adjacent the reagent reservoir. The sensor module is adapted to generate a signal associated with a volume of reagent contained within the reagent reservoir.

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