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(54) Title: OFF-PLOT GATE INDICATORS AND NAVIGATION TOOLS FOR CELL DATA ANALYSIS

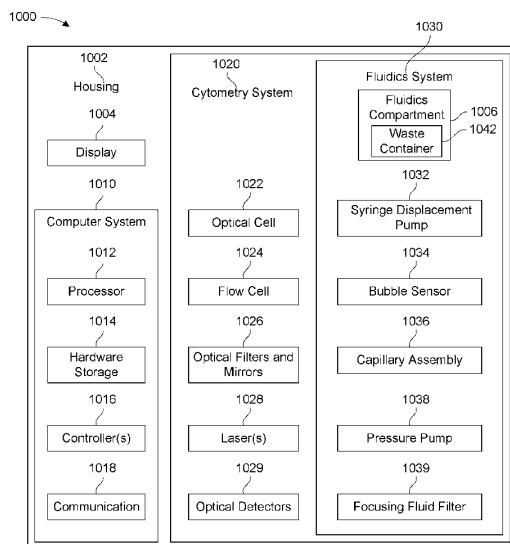


FIG. 1

(57) Abstract: Methods, systems, and apparatuses for navigating data visualizations within a user interface. One method includes providing particle data, which may be captured by an imaging device, to the user interface and receiving, from the user interface, a plurality of coordinates for a gate related to the particle data. The method also includes receiving, from the user interface, a configuration for a current view of the particle data, and, in response to determining the gate is off-plot for the current view based on the plurality of coordinates for the gate and the configuration for the current view, adding a selectable indicator to the current view of the particle data representing the gate. The method further includes, in response to receiving a selection of the indicator, modifying the current view of the particle data to display the gate.

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