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(54) Title: FLOW CELL DEVICES AND USE THEREOF

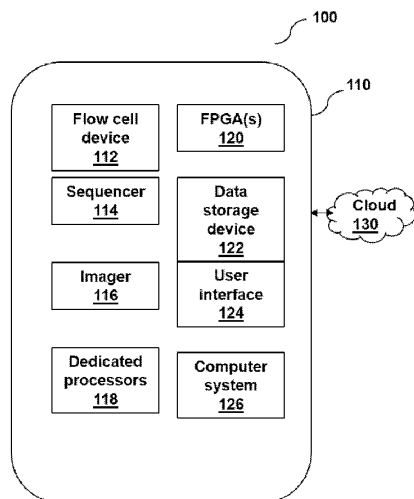


FIG. 1

(57) Abstract: The present disclosure provides flow cell devices, systems, and methods for facilitating and performing DNA sequencing analysis with reduced system complexity and cost, significant COGS saving and reduced contamination level. The flow cell devices and systems can comprise: a support comprising one or more substrates; one or more channels defined by the one or more substrates and configured to allow fluids to flow therethrough; an inlet in fluidic connection with the one or more channels, the inlet comprising an open landing area in one substrate; and an outlet.

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