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(54) Title: NON-CONTACT DETECTION OF SURFACE FLUID DROPLETS

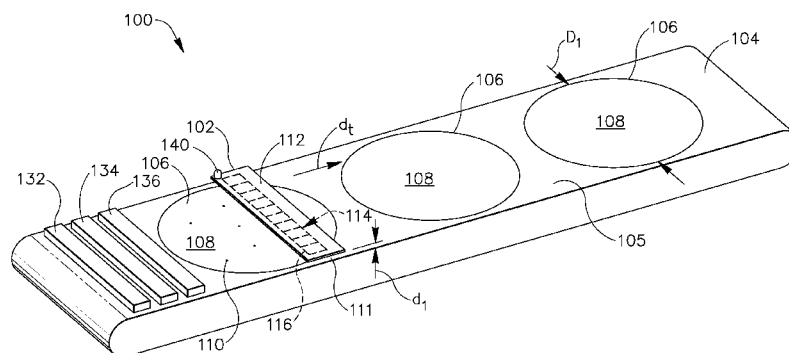


Fig.1

(57) Abstract: A system for detecting fluid on a substrate is provided. The system includes, but is not limited to, a sensor board, a first capacitive sensor, and a platform upon which the substrate is to be placed. The first capacitive sensor is mounted on the sensor board. The first capacitive sensor has a transmit sensor pad for transmitting a signal, a receive sensor pad for receiving the signal, and an analog-to-digital converter connected with the receive sensor pad for analyzing the received signal. The platform is a first distance from the transmit and receive sensor pads.