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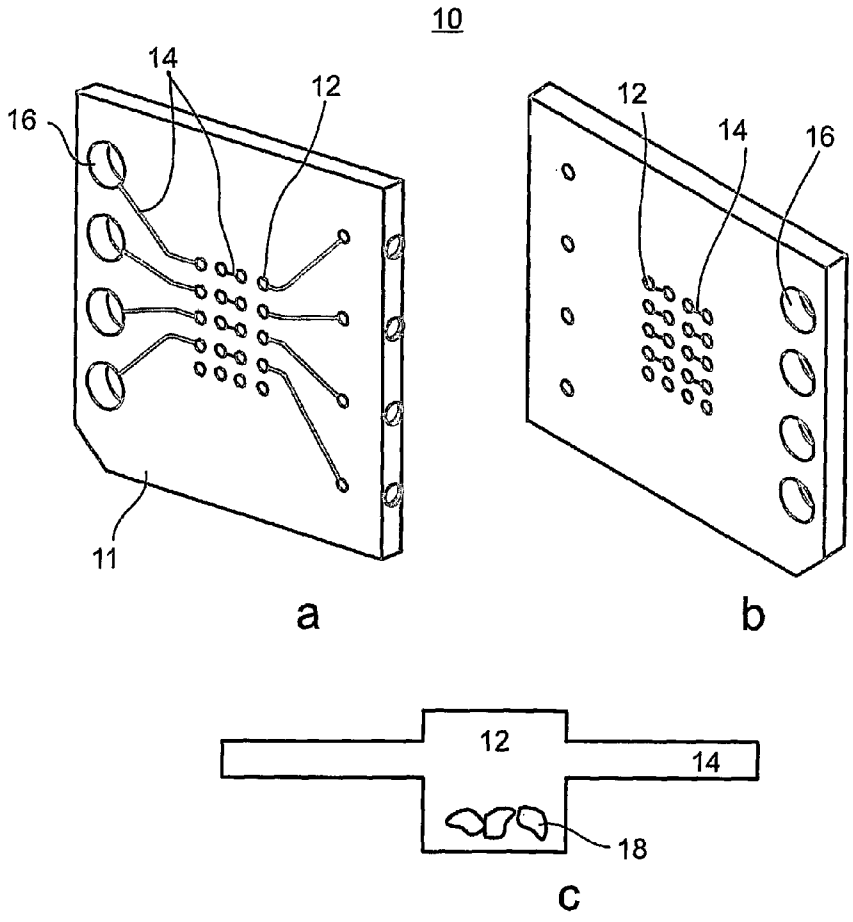
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(54) Title: METHOD AND SYSTEM FOR DETECTING ANALYTES



(57) Abstract: A device (10) for detecting a presence of an analyte in a sample. The device (10) comprises a device body configured with at least one reaction chamber (12) configured for containing a sensor (18) capable of producing a detectable signal when exposed to the analyte in the sample. The reaction chambers (12) are in fluid communication with at least one sample port (16) and at least one actuator port (34) via a first set of microfluidic channels (14) arranged such that application of a negative pressure to actuator port (34) delivers fluid placed in the sample port (16) to the reaction chambers (12).

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