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Lee

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(54) **BIOSENSORS HAVING IMPROVED SAMPLE APPLICATION AND USES THEREOF**

(76) Inventor: **Jin Po Lee**, 7348 Melodia Ter., Carlsbad, CA (US) 92009

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See application file for complete search history.

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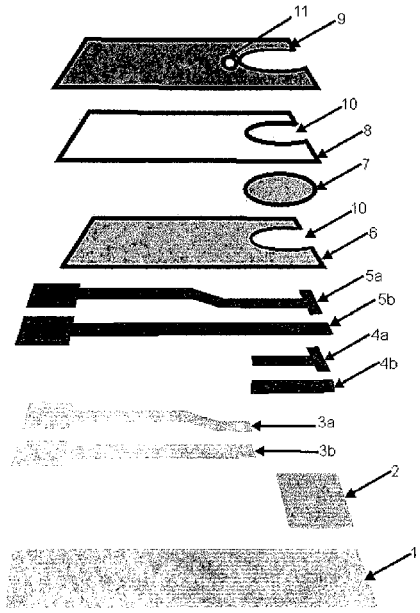
Primary Examiner—Alex Noguerola
(74) *Attorney, Agent, or Firm*—Morrison & Foerster LLP

(57) **ABSTRACT**

The present invention relates to biosensors having improved sample application and measuring properties and their uses for detection, preferably, quantitative measurement, of analyte in a liquid sample. In particular, the invention provides for a biosensor having a sample application, reaction area and liquid soluble hydrophilic material facilitating the speed and uniformity of sample application, especially small volume sample application, via capillary flow. Methods for assaying analytes or enzymes using the biosensors are further provided.

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