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(54) **LAMINATED ASSAY DEVICES**

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(57) **ABSTRACT**

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An electrochemical-based assay device capable of detecting the presence or quantity of an analyte of interest that is provided. The device contains two or more substrates, one containing a detection working electrode and another containing an auxiliary electrode, such as a counter/reference electrode(s). The substrates are positioned in a face-to-face relationship so that the electrodes are adjacent to each other during performance of the assay. Besides the electrodes, any of a variety of other components may also be employed in the assay device.

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