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(54) Title: DIAGNOSTIC SYSTEM

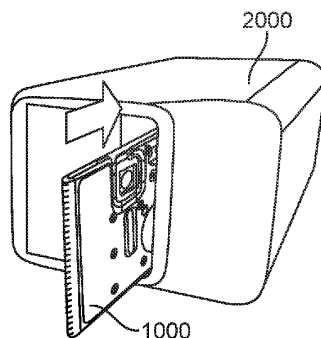


FIG. 3

(57) Abstract: Methods and systems are provided for point-of-care nucleic acid amplification and detection. One embodiment of the point-of-care molecular diagnostic system includes a cartridge and an instrument. The cartridge can accept a biological sample, such as a urine or blood sample. The cartridge, which can comprise one or more of a loading module, lysis module, purification module and amplification module, is inserted into the instrument which acts upon the cartridge to facilitate various sample processing steps that occur in order to perform a molecular diagnostic test.

WO 2021/030812 A3

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