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(54) Title: UNIVERSAL MULTI-DETECTION SYSTEM FOR MICROPLATES WITH CONFOCAL IMAGING

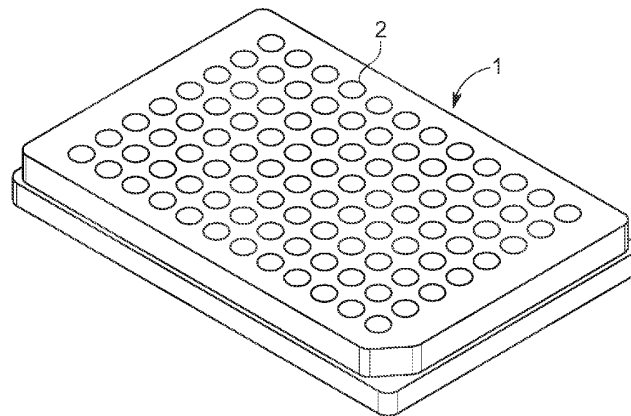


FIG. 1

(57) Abstract: An apparatus for optically analyzing a sample may include an imaging subsystem that images the sample, one or more analyzing subsystems that analyze the sample including a confocal imaging subsystem, a temperature control subsystem that controls a temperature of the atmosphere within the apparatus, a gas control subsystem that controls a composition of the atmosphere within the apparatus, and a control module that controls the various subsystems of the apparatus.

[Continued on next page]

WO 2022/120047 A1

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