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Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

[Continued on next page]

(54) Title: GROWTH-INDEPENDENT DETECTION OF CELLS

A

MRSA Sample	CFU _{t=4h} /CFU _{t=0h}
3037	0.3
3056	3
3059	4.8
3083	2.4

B

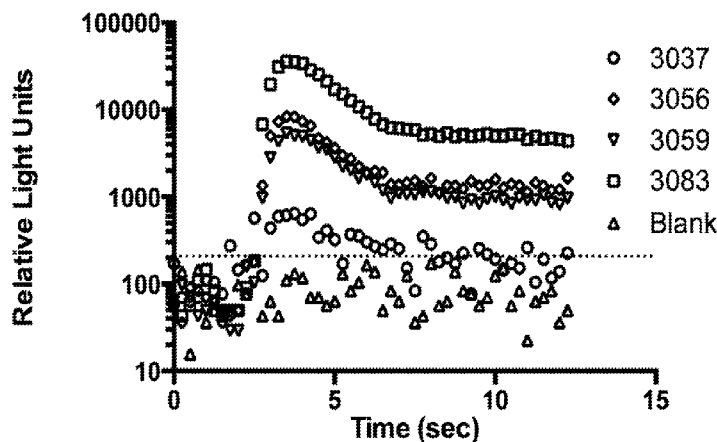


FIG. 2

(57) Abstract: Disclosed herein are various methods, systems, and compositions for the growth independent detection of cells such as microorganisms including bacteria. While existing cellular detection methodologies benefit from cell growth, the methods, systems, and compositions disclosed herein demonstrate embodiments that are independent of cell growth while still allowing for cell-based detection.



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