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(71) Applicant: **LIFE TECHNOLOGIES CORPORATION**  
[US/US]; 5823 Newton Drive, Carlsbad, California 92008 (US).

(72) Inventors: **BEACHAM, Daniel W.**; 5823 Newton Drive, Carlsbad, California 92008 (US). **HINZ, Wolfgang**; 5823 Newton Drive, Carlsbad, California 92008 (US).

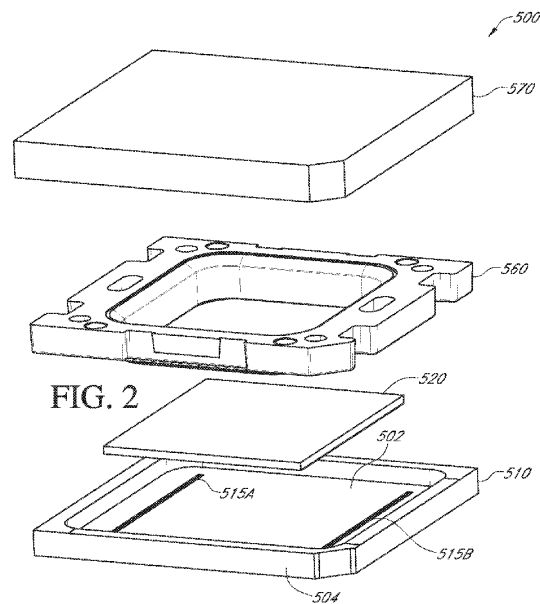
**PARKER, Scott T.**; 5823 Newton Drive, Carlsbad, California 92008 (US). **DONOHUE, John**; 5823 Newton Drive, Carlsbad, California 92008 (US).

(74) Agent: **SWEDBERG, Sally A.**; 5823 Newton Drive, Carlsbad, California 92008 (US).

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(57) Abstract: Systems, devices and methods for cell analysis provide an end user with real-time cell analysis and imaging of single cells in a population. Various cell analysis systems can provide both optical imaging, as well as electroscopic imaging, which is an image of cellular response as detected by sensors covering a cell footprint or cellular efflux. An automated fluidic system can provide an end-user selected sequence of reagents to cells, while precision controlled sensor array device thermostating, and analysis compartment environmental control provide consistency in the cell analysis system environment.

[Continued on next page]

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