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(71) Applicant: **MESO SCALE TECHNOLOGIES, LLC.**
[US/US]; 1601 Research Boulevard, Rockville, Maryland
20850 (US).

(72) Inventor: **KOCHAR, Manish**; 15612 Thistlebridge Drive,
Rockville, Maryland 20853 (US).

(74) Agent: **HANNA, Richard**; MEDLER FERRO WOOD-
HOUSE & MILLS PLLC, 8201 Greensboro Drive, Suite
1060, McLean, Virginia 22102 (US).

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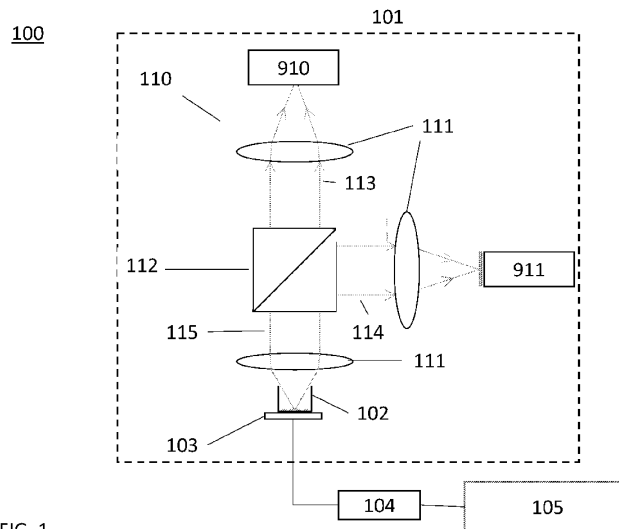


FIG. 1

(57) Abstract: An apparatus for conducting an assay based on an electrochemical process is provided. The apparatus includes a first detector configured to capture data associated with the electrochemical process; a second detector configured to capture data associated with the electrochemical process; and a beam splitting device configured to split emitted light from the electrochemical process into a first light beam directed at the first detector and a second light beam directed at the second detector.

[Continued on next page]

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