US008435738B2

(12) **United States Patent**
Holmes

(10) **Patent No.: US 8,435,738 B2**
(45) **Date of Patent: May 7, 2013**

(54) **SYSTEMS AND METHODS FOR MULTI-ANALYSIS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/244,947**

(22) Filed: **Sep. 26, 2011**

(65) **Prior Publication Data**

US 2013/0079236 A1 Mar. 28, 2013

Related U.S. Application Data

(63) Continuation-in-part of application No. PCT/US2011/051388, filed on Sep. 25, 2011.

(51) **Int. Cl.**

C12Q 1/68	(2006.01)
C12M 1/34	(2006.01)
G01N 33/53	(2006.01)
G01N 21/64	(2006.01)

(52) **U.S. Cl.**

USPC **435/6.1**; 435/7.1; 435/7.92; 435/283.1; 435/287.2; 435/288.7; 422/68.1; 422/82.05

(58) **Field of Classification Search** ..... None
See application file for complete search history.

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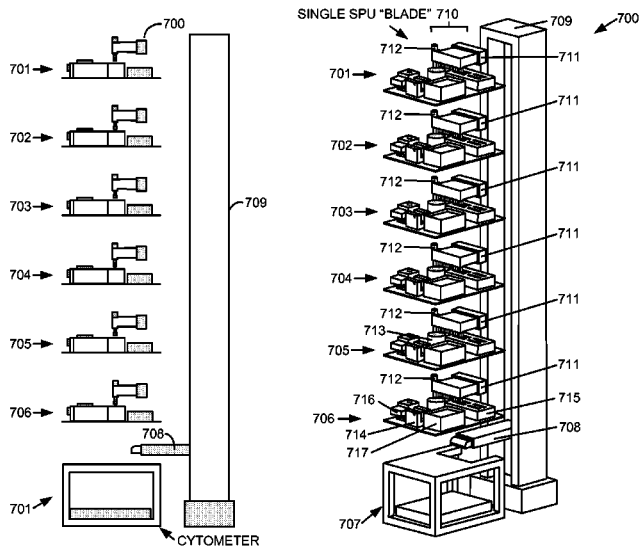
(57) **ABSTRACT**

Systems and methods are provided for sample processing. A device may be provided, capable of receiving the sample, and performing one or more of a sample preparation, sample assay, and detection step. The device may be capable of performing multiple assays. The device may comprise one or more modules that may be capable of performing one or more of a sample preparation, sample assay, and detection step. The device may be capable of performing the steps using a small volume of sample.

20 Claims, 115 Drawing Sheets