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(71) Applicant *(for all designated States except US)*: **WYETH** [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **TURULA, Vincent** [US/US]; 1417 Olde Mckenzie Drive, Holly Springs, NC 27540 (US). **WALTERS, Shaune** [US/US]; 9826 Blackwell Drive, Raleigh, NC 27617 (US). **SINGH, Suddham** [GB/US]; 100 Dairy Court, Chapel Hill, NC 27516 (US). **ARUMUGHAM, Rasappa** [US/US]; 102 Barton Lane, Chapel Hill, NC 27516 (US).

(74) Agents: **CASH, David, E.** et al.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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(54) Title: AUTOMATED COLORIMETRIC POLYSACCHARIDE ASSAYS

(57) Abstract: A method of automated determination of saccharide concentration is provided herein. The method includes preparing one or more saccharide standards and one or more diluted polysaccharide test samples, transferring a portion of the one or more saccharide standards and the one or more diluted polysaccharide test samples along with a diluent to a series of wells in a multiwell plate, transferring a portion of an acid reagent to the series of wells in the multiwell plate, mixing the contents of the series of wells in the multiwell plate, heating and cooling the contents of the series of wells in the multiwell plate, shaking the multiwell plate, and measuring the radiant energy absorbance of the contents of the series of wells in the multiwell plate, where all steps are performed in the absence of human intervention.

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