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(71) **Applicant**: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, 138632 Singapore (SG).

(72) **Inventor**: **GAGNON, Peter Stanley**; 20 Biopolis Way, Centros #06-01, Singapore 138668 (SG).

(74) **Agent**: **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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(54) **Title**: FRACTIONATION METHOD

(57) **Abstract**: A method of purifying an IgG antibody from a preparation which includes providing the preparation in a form having substantially reduced chromatin levels from that of the sample from which the preparation was obtained and contacting the preparation with an electropositive membrane having a porosity that retains at least 50% of non-adsorbed solutes with a hydrodynamic diameter greater than a selected size but permits passage of non-adsorbed solutes with a hydrodynamic diameter less than the selected size, wherein the selected size is between about 10 nm and about 15 nm, where during at least a portion of the contacting step the preparation includes a salt such that (1) when present at a concentration less than 50 mM, a pH value is in a range from about 3 to within 0.5 pH units of the isoelectric point of the most alkaline glycoform of the IgG antibody in the preparation; or (2) when present at concentration greater than 50 mM, a pH value of the preparation is in a range from 3 to 9,, and adjusting operating conditions to the highest pH and lowest salt concentration that does not result in more than 5% of the antibody being bound to the membrane.