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(71) Applicant *(for all designated States except US)*: **BECTON, DICKINSON AND COMPANY** [US/US], Intellectual Property Department, Mail Code 089, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US)

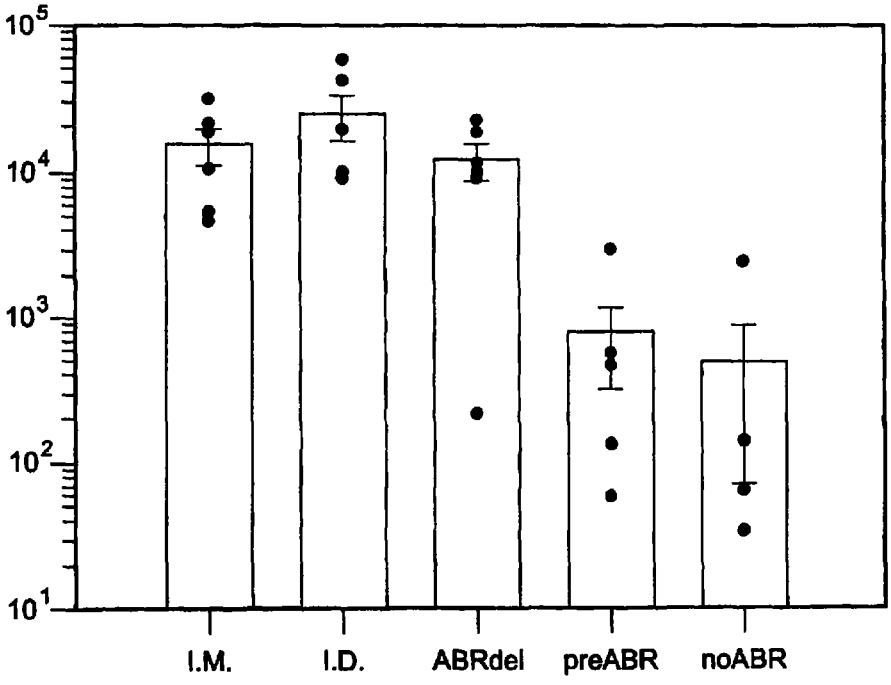
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MIKSZTA, John, A.** [US/US], 115 Wood Valley Ct., Durham, NC 27713 (US) **BRITTINGHAM, John, M.** [US/US]; 3113 Billiard Ct., Wake Forest, NC 27587 (US) **ALARCON, Jason** [AU/US], 5201 Trinity Village Lane, Apt 304, Raleigh, NC 27607 (US) **PETTIS, Ronald, J.** [US/US], 529 Darby Glen Lane, Durham, NC 27713 (US) **DEKKER, John, P., III** [US/US]; 504 Edgemore Avenue, Cary, NC 27516 (US)

(74) Agents: **SCHMIDT, Richard, D.** et al.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US)

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(54) Title: APPLICATOR HAVING ABRADING SURFACE COATED WITH SUBSTANCE TO BE APPLIED TO SKIN



(57) Abstract: The present invention provides improved methods for delivery of substances into the skin. It has been discovered that delivery of substances such as nucleic acids, amino acids, amino acid derivatives, peptides and polypeptides simultaneously with abrasion of the skin enhances delivery and the biological response as compared to application of the substance to previously abraded skin

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