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(71) Applicant *(for all designated States except US)*: **REGENTS OF THE UNIVERSITY OF COLORADO** [US/US]; 4740 Walnut Street, Suite 100, Boulder, CO 80309 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ROWLEN, Kathy, L.** [US/—]. **KUCHTA, Robert** [US/—]. **TOWNSEND, Michael** [US/—]. **SMAGALA, James** [US/—]. **MOORE, Chad, L.** [US/—]. **DAWSON, Erica** [US/—]. **MEHLMANN, Martin** [DE/—]. **COX, Nancy** [US/—]. **SMITH, Catherine, B.** [US/—]. **DANKBAR, Daniela** [DE/—].

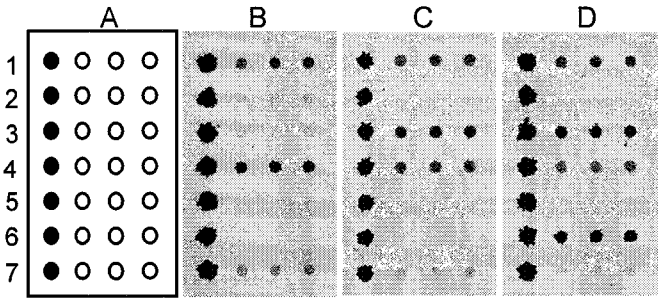
(74) Agent: **HANSON, Roberta Jean**; Faegre & Benson LLP, 3200 Wells Fargo Center, 1700 Lincoln Street, Denver, Colorado 80203 (US).

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(54) **Title:** DNA ARRAY ANALYSIS AS A DIAGNOSTIC FOR CURRENT AND EMERGING STRAINS OF INFLUENZA



(57) **Abstract:** Embodiments herein provide for methods, compositions and apparati for detection and/or diagnosis of virus types, subtypes and/or strains. In particular embodiments, the virus is an influenza virus. The apparatus may include a microarray with attached capture probes, designed to bind to oligonucleotides capable of binding at least a portion of a nucleic acid sequence of one or more target genes in a broad array of influenza types, subtypes or strains. The compositions may include isolated nucleic acids as capture probes, target sequences and/or tagged label probes, of use for diagnosis and/or detection of influenza virus.

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ABSTRACT

Embodiments herein provide for methods, compositions and apparati for detection and/or diagnosis of virus types, subtypes and/or strains. In particular embodiments, the virus is an influenza virus. The apparatus may include a microarray with attached capture probes, designed to bind to oligonucleotides capable of binding at least a portion of a nucleic acid sequence of one or more target genes in a broad array of influenza types, subtypes or strains. The compositions may include isolated nucleic acids as capture probes, target sequences and/or tagged label probes, of use for diagnosis and/or detection of influenza virus..