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(71) Applicant: **CLARIENT DIAGNOSTIC SERVICES, INC.** [US/US]; 31 Columbia Avenue, Aliso Viejo, CA 92656 (US).

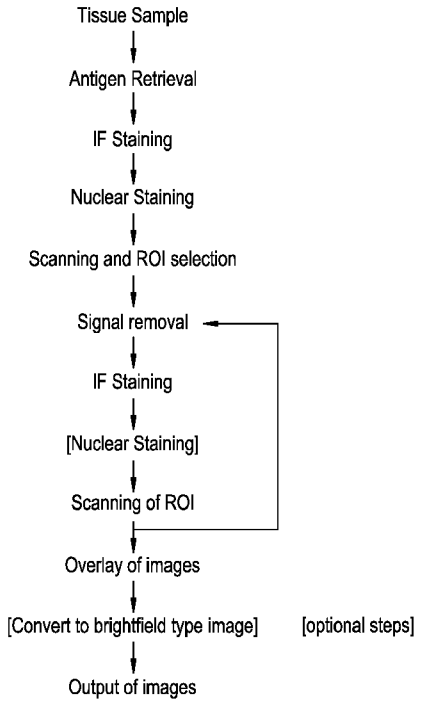
(72) Inventors: **WEISS, Lawrence, M.**; 31 Columbia Avenue, Aliso Viejo, CA 92656 (US). **BECK, Rodney, A.**; 601 Genome Way Suite 2200, Huntsville, AL 35806 (US). **KAANUMALLE, Lakshmi, Sireesha**; One Research Circle, Niskayuna, NY 12309 (US). **SEPPO, Antti, E.**; One Research Circle, Niskayuna, NY 12309 (US). **HENDERSON, David, Lavan**; One Research Circle, Niskayuna, NY 12309 (US). **CORWIN, Alex, David**; One Research Circle, Niskayuna, NY 12309 (US). **KENNY, Kevin, Bernard**; One Research Circle, Niskayuna, NY 12309 (US). **MCCULLOCH, Colin, Craig**; One Research Circle, Niskayuna, NY 12309 (US). **GINTY, Fiona**; One Research Circle, Niskayuna, NY 12309 (US). **BORDWELL, Alexander, G.**; 12090 South Memorial Parkway, Huntsville, AL 35803 (US). **LAZARE, Michael, S.**; One Research Circle, Niskayuna, NY 12309 (US). **HOLLMAN-HEWGLEY, Denise, A.**; 31 Columbia Avenue, Aliso Viejo, CA 92656 (US).

(74) Agents: **JI, Yonggang** et al.; GE Healthcare, Inc., Patent Department, 101 Carnegie Center, Princeton, NJ 08540 (US).

[Continued on next page]

(54) Title: MULTIPLEXED DIAGNOSIS METHOD FOR CLASSICAL HODGKIN LYMPHOMA

FIG. 1



(57) Abstract: A method for providing a composite image of a single biological sample from a patient suspected of having classical Hodgkin lymphoma, comprising the steps of generating a first image of the biological sample including the presence, absence and/or expression level of a first biomarker, generating a second image of the biological sample including the presence, absence and/or expression level of a second biomarker, and generating a composite image that provides the relative location or expression of both biomarkers. Also provided is a method of analyzing a biological sample, comprising providing a composite image of the biological sample according to the method for providing a composite image, and analyzing the expression of the biomarkers of interest from the composite image. Further provided are method for diagnosing classical Hodgkin lymphoma, as well as system and kit that comprise the means for executing the novel methods.

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(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Schindler-Bauer, P

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