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(71) Applicant: **BECKMAN COULTER, INC.** [US/US]; 250  
South Kraemer Boulevard, Brea, California 92821 (US).

(72) Inventor: **HAN, Kyungja**; The Catholic University of  
Korea, 222 Banpo-daero, Seocho-gu, Seoul, KR 137-701  
(KR).

(74) Agents: **CASELL, Nathan S.** et al.; Kilpatrick Town-  
send & Stockton LLP, Two Embarcadero Center, Eighth  
Floor, San Francisco, CA 94111 (US).

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## (54) Title: TUBERCULOSIS SCREENING USING CPD DATA

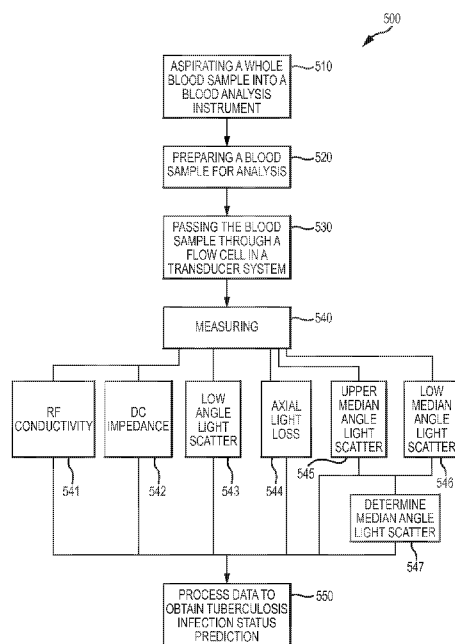


FIG.5

(57) Abstract: Embodiments of the present invention encompass automated systems and methods for predicting a tuberculosis infection in an individual based on a biological sample obtained from blood of the individual. Exemplary techniques involve correlating aspects of direct current (DC) impedance, radio frequency (RF) conductivity, and/or light measurement data obtained from the biological sample with a prediction of Mycobacterium tuberculosis infection in the individual.



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