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(71) Applicant: **NESTEC S.A.** [CH/CH]; Avenue Nestlé 55, CH-1800 Vevey (CH).

(72) Inventors: **SINGH, Sharat**; Rancho Santa Fe, California (US). **CHI-KWAN LING, Nicholas**; San Diego, California (US). **WANG, Shui-Long**; San Diego, California (US). **PRINCEN, Fred**; 610 Kirkwood Place, La Jolla, California 92037 (US). **WESTIN, Stefan**; Carlsbad, California (US). **LOCKTON, Steven**; San Diego, California (US).

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[Continued on next page]

(54) Title: ANTIBODIES TO MICROBIOME, STRESS FACTORS AND MAST CELL MARKERS AS DIAGNOSTIC MARKERS FOR IBS

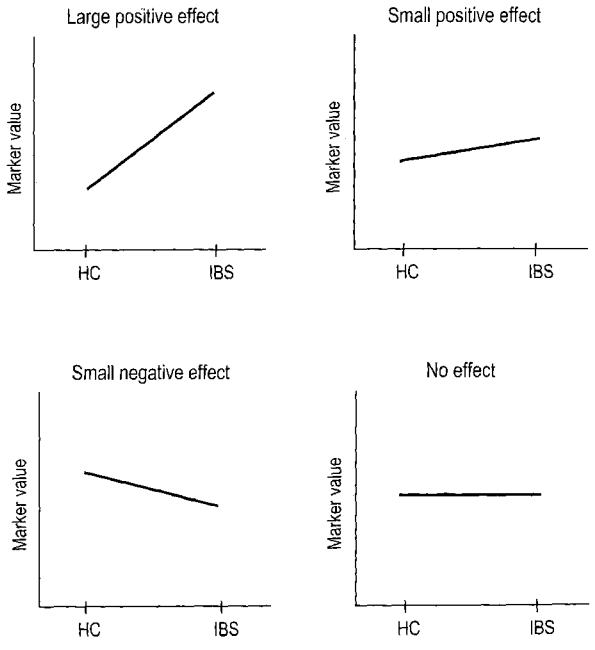


FIG. 4

(57) Abstract: The present invention provides methods for aiding in the diagnosis of irritable bowel syndrome (IBS) in an individual. In particular, the present invention is useful for determining whether a sample from an individual is an IBS sample or a healthy control sample using a statistical algorithm. Thus, the present invention provides an accurate diagnostic prediction of IBS and is useful for guiding treatment decisions.

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