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(71) Applicant *(for all designated States except US)*: **INSTITUTE FOR MOLECULAR MEDICINE, INC.** [US/US]; 2935 Canon Ridge Road, Castle Rock, CO 80104 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BAR-OR, Raphael** [US/US]; 1720 Wynkoop Street, #214, Denver, CO 80202 (US). **BAR-OR, David** [US/US]; 900 E. Oxford Lane, Englewood, CO 80113 (US). **RAEL, Leonard, T.** [US/US]; 5509 S. Lisbon Street, Centennial, CO 80015 (US).

(74) Agent: **KNEPPER, Bradley, M.**; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202 (US).

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(54) Title: METHOD AND APPARATUS FOR MEASURING OXIDATION-REDUCTION POTENTIAL

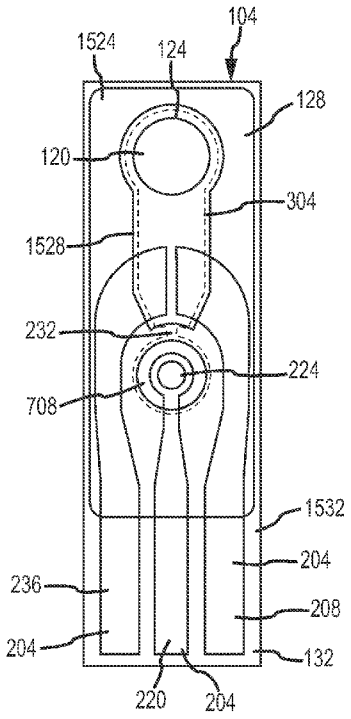


FIG.17

(57) Abstract: Methods and systems for measuring the oxidation-reduction potential of a fluid sample are provided. The system includes a test strip with a sample chamber adapted to receive a fluid sample. The sample chamber can be associated with a filter membrane. The test strip also includes a reference cell. The oxidation-reduction potential of a fluid sample placed in the sample chamber can be read by a readout device interconnected to a test lead that is in electrical contact with the sample chamber, and a reference lead that is in electrical contact with the reference cell. Electrical contact between a fluid sample placed in the sample chamber and the reference cell can be established by a bridge. The bridge may comprise filter element such as a piece of filter paper that is wetted, for example by the fluid sample, or an electrolytic gel. The oxidation-reduction potential may be read as an electrical potential between the test lead and the reference lead of the test strip.

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