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(71) Applicant *(for MG only)*: BRUN, Heidi, M. [US/IL]; 7 Ha'Iris Street, 99512 Bet Shemesh (IL).

(71) Applicant *(for TM only)*: CABILLY, Orly [DE/IL]; 13/5 Bialik Street, 70700 Gedera (IL).

(71) Applicant : ETHROG BIOTECHNOLOGIES LTD. [IL/IL]; 39, 50293 Moshav Ganot (IL).

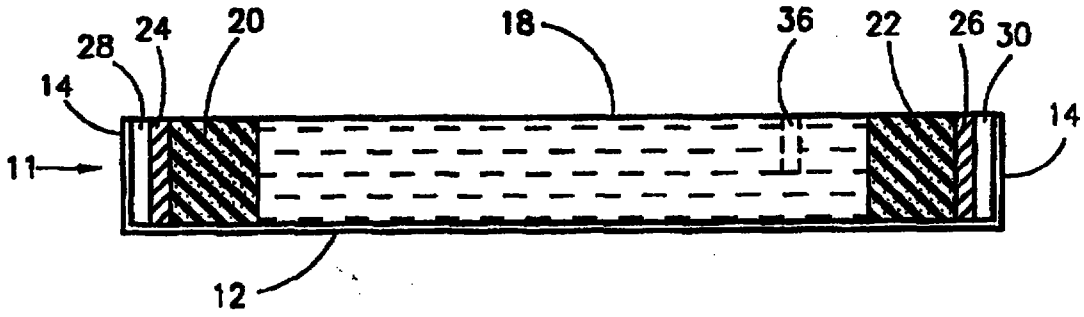
(72) Inventors: CABILLY, Shmuel; 13/5 Bialik Street, 70700 Gedera (IL). YOGEV, Uri; 4 Hasif Street, 46309 Herzelia (IL).

(74) Agents: GUNNISON, Forrest, E. et al.; Skjerven, Morrill, MacPherson, Franklin & Friel, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

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(54) Title: APPARATUS AND METHOD FOR ELECTROPHORESIS



(57) Abstract

A substantially closed cassette for conducting therein electrophoresis separation which includes a closed chamber (11), the chamber (11) includes therein a body of gel (18), at least one ion source (20, 22) having a volume smaller than the volume of the gel for providing ions for driving the electrophoresis separation and electrodes (24, 26) for connecting the cassette to an external electrical power source, thereby enabling to drive the electrophoresis separation. In a preferred embodiment the ion source is at least one ion exchange matrix (20, 22).