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- (71) Applicant: **D.I.R. TECHNOLOGIES (DETECTION IR) LTD.** [IL/IL]; Technion Seed MATAM Advanced Technology, Center Building No. 30, P.O. Box 15054, 31905 Haifa (IL).
- (72) Inventors: **WEINSTEIN, Yoav**; Aeshkolot Street 3b, 30300 Atlit (IL). **SINBAR, Eran**; M.P. Misgav, 20164 Shorashim (IL).
- (74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.B. 13239, 61131 Tel Aviv (IL).
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(54) Title: METHODS OF DETECTING THE PRESENCE OF MICROORGANISMS IN A SAMPLE

(57) Abstract: The present disclosure provides a method of detecting the presence of a microorganism in a tested sample, the method comprises: illuminating the tested sample; and generating one or more infrared (IR) images of the sample using an IR detector operable to detect, in its field of view, radiation reflected and/or transmitted from the test sample in the IR spectral region of 0.75 to 20 μ m or spectral region therein; wherein the radiation, imaged in the one or more IR images, is indicative of the presence of a microorganism in the test sample. The method according to the present disclosure is utilized in determining the efficiency of an anti-microbial agent.



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