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(71) Applicant: **NATURAL TRACE PTE. LTD.** [SG/SG];
53D Jalan Lim Tai See, Singapore 268384 (SG).

(72) Inventors; and

(71) Applicants: **MUELLER, Lukas A.** [CH/US]; 100 Maplewood Drive, Ithaca, New York 14850 (US). **ROTH, Chantal** [CH/CH]; Sägeweg 12, 3283 Kallnach (CH).

(74) Agent: **DIAZ, Robert J.** et al.; 106 South Main Street, First National Tower, Suite 400, Akron, Ohio 44308 (US).

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(54) Title: METHOD FOR CONFIRMING THE IDENTITY OF A PRODUCT BY MEANS OF A MICROBIAL DNA TAG

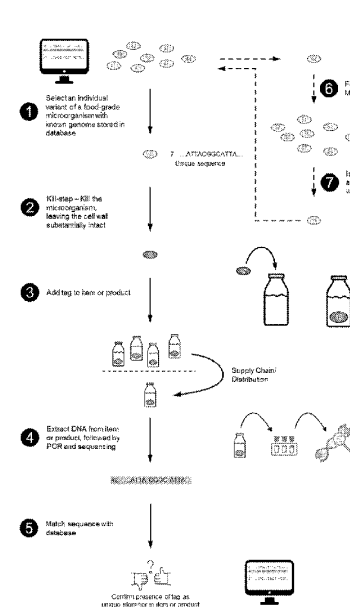


FIG. 1

(57) Abstract: The present invention is directed to methods for confirming the identity of an item or product using a segment of DNA present in a killed microorganism as a tag. In some embodiments, a food compatible microorganism containing a target nucleotide sequences not present in the item to be tagged is selected to serve as a tag and an identity unique identifier and/or other metadata for of the item is then saved for that tag in a database. The microorganism is killed to create a tag with the target nucleotide sequence and the tag is added to the item. The identity of the item can later be confirmed by extracting the DNA in the item and amplifying the target nucleotide sequence or sequences using PCR techniques, sequencing each amplified target nucleotide sequence; and then comparing them to the nucleotide sequence saved for the target nucleotide sequence.

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