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(71) Applicant: **SMX (SECURITY MATTERS) IRELAND LIMITED** [IE/IE]; Mespil Business Center, Mespil House, 4 Sessex Road, Dublin, D04 T4A6 (IE).

(72) Inventors; and

(71) Applicants (for US only): **ALON, Haggai** [IL/IL]; Kibbutz Naan, 7682900 Kibbutz Naan (IL). **GREENBLATT, Jacob** [IL/IL]; 34 Efrata St., 9338440 Jerusalem (IL).

(74) Agent: **KORAKH, Eliav**; Korakh & Co. Advocates & Patent Attorneys, 4 Atidim Tower, Kiryat Atidim, P.O.Box 58100, 6158002 Tel Aviv (IL).

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(54) Title: METHOD AND SYSTEM FOR MARKING, TRACKING, GRADING AND CERTIFYING PLASTICS FOR ENABLING STANDARDIZATION AND TOKENIZATION

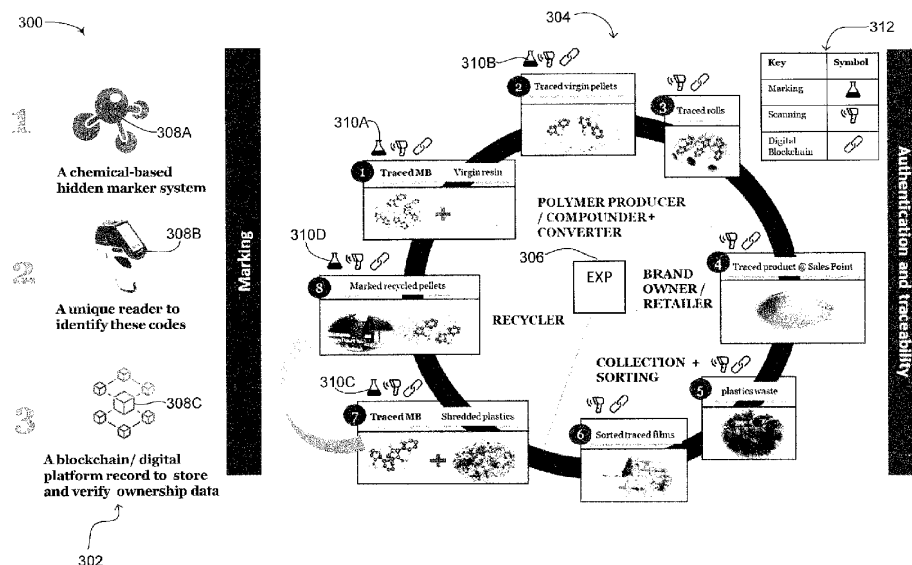


FIG. 3

(57) Abstract: Method for characterizing a plastic material, including the procedures of marking a plastic material using a chemical-based marker and recording the information in an exchange platform, wherein the marker includes information related to at least one of an ownership of the plastic material, a polymer type of the plastic material, an intended use of the plastic material, a loop count denoting a number of times the plastic material has been recycled and a percentage of recycled content in the plastic material and wherein the recording enables increased tracking and utilization of the plastic material.

[Continued on next page]

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