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(71) Applicant (for all designated States except US): **G5 INTERNATIONAL HOLDINGS PTE LTD** [SG/SG]; 169 Kaki Bukit Avenue 1, #01-00, Shun Li Industrial Park, Singapore 416019 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **IVANOV, Volodymyr** [UA/SG]; N1, Cee, Ntu, 50 Nanyang Avenue, Singapore 639798 (SG). **ONG, Tet Siong** [SG/SG]; Blk 117C Rivervale, Drive, #10-50, Singapore 543117 (SG).

(74) Agent: **ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD**; Robinson Road Post Office, P.O. Box 1531, Singapore 903031 (SG).

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(54) Title: PRODUCTION OF POLYHYDROXYALKANOATES

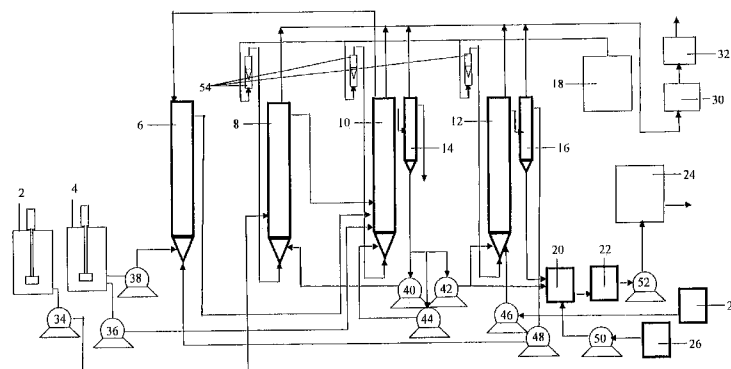


Fig. 1

(57) Abstract: There is provided a process for producing polyhydroxyalkanoate (PHA) comprising the steps of culturing a biomass containing PHA-producing microbes in a culture media; and hydrolyzing said PHAs-producing microbes using microorganisms selected to release PHAs from the PHAs-containing microbes. There is also provided a method of increasing the proportion of PHAs-producing microbes relative to non-PHAs producing microbes in a culture media containing both PHAs-producing microbes and non-PHAs producing microbes and a method of extracting PHAs from PHAs-containing microbes.