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(71) Applicant: **NOROO HOLDINGS CO., LTD** [KR/KR];
 P.O. Box 1022, Minneapolis, Minnesota 55440-1022 (KR).

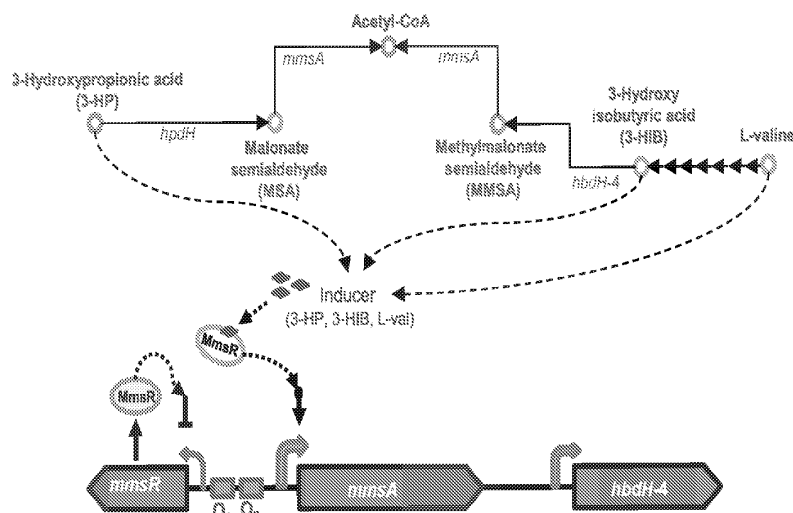
(72) Inventors: **SHIM, Jeung Yeop**; 10309 Birdwatch Drive,
 Tampa, Florida 33647-2906 (US). **PARK, Ki Soo**; 29
 (72-3) Ehyun-ro, Giheung-gu, Yongin, Gyeonggi-do 16931
 (KR). **SOMASUNDAR, Ashok**; 290-26 Youngtong-ro,
 Youngtong-gu, Suwon, Gyeonggi-do 16698 (KR). **PARK,**

Sung Hoon; 50 UNIST-gil, Ulju-Gun Ulsan, Ulsan 44919
 (KR).

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(54) Title: PRODUCTION AND SEPARATION OF 3-HYDROXYPROPIONIC ACID

**FIG. 1A**

(57) Abstract: The disclosure provides methods and apparatus for producing 3-hydroxypropionic acid or a salt thereof, for removing 3-hydroxypropionic acid from aqueous solution (e.g., aqueous broth), and for using it to make various chemicals.

[Continued on next page]

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