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(71) Applicant (for all designated States except US): **ABUNDA NUTRITION, INC.** [US/US]; 409 Illinois Street, San Francisco, California 94158 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KISHORE, Ganesh M.** [US/US]; 11966 Sackston Ridge Drive, Saint Louis, Missouri 63141 (US). **MOTION, Michael** [US/US]; 1207 Indiana St. Apt. 8, San Francisco, California 94107 (US). **HICKS, Paula M.** [US/US]; 20161 Stonegate Drive, Bend, Oregon 97702 (US). **HANSEN, Jorgen** [DK/US]; 409 Illinois Street, San Francisco, California 94158 (US). **HOUGHTON-LARSEN, Jens** [DK/US]; 409 Illinois Street, San Francisco, California 94158 (US). **HANSEN, Esben Halkjaer** [DK/US]; 409 Illinois Street, San Francisco, California 94158 (US). **MIKKELSEN, Michael Dalggaard** [DK/US]; 409 Illinois Street, San Francisco, California 94158 (US). **TAVARES, Sabina** [DK/US]; 409 Illinois Street, San Francisco, California

94158 (US). **BLOM, Charlotte** [DK/US]; 409 Illinois Street, San Francisco, California 94158 (US).

(74) Agent: **MCCORMICK GRAHAM, Monica**; P.O. Box 1022, Minneapolis, Minnesota 55440-1022 (US).

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(54) Title: Recombinant Production of Steviol Glycosides

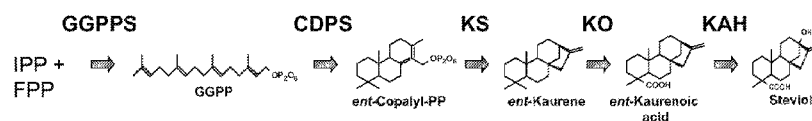


FIG. 1

(57) Abstract: Recombinant microorganisms, plants, and plant cells are disclosed that have been engineered to express novel recombinant genes encoding steviol biosynthetic enzymes and UDP-glycosyltransferases (UGTs). Such microorganisms, plants, or plant cells can produce steviol or steviol glycosides, e.g., rubusoside or Rebaudioside A, which can be used as natural sweeteners in food products and dietary supplements.