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(71) Applicant: MJN U.S. HOLDINGS LLC [US/US]; 2701
Patriot Boulevard, 4th Floor, Glenview, IL 60026 (US).

(72) Inventors: CHICHLOWSKI, Maciej; 5020 Waterbury
Way, Fair Oaks, California 95628 (US). BERG, Brian;
4221 Huntington Pl., Evansville, Indiana 47725 (US).

(74) Agent: CARTIGLIA, James R.; PATTERSON Intellectual
Property Law, P.C., Roundabout Plaza, 1600 Division
St., Suite 500, Nashville, Tennessee 37203 (US).

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(54) Title: NUTRITIONAL COMPOSITION FOR GASTROINTESTINAL ENVIRONMENT TO PROVIDE IMPROVED MICROBIOME AND METABOLIC PROFILE

(57) Abstract: The present disclosure a method and nutritional composition for improving the microbiome and metabolic profile of a pediatric subject, which includes administering to a pediatric subject a composition having up to about 7 g/100 kCal of a protein or protein equivalent source; up to about 7 g/100 kCal of a fat or lipid source; at least about 5 g/100 kCal of a carbohydrate; at least about 0.05 mg/100 kCal of bacterial metabolites; and either a probiotic or a prebiotic composition, or both.



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