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(71) Applicant: **LOCUS IP COMPANY, LLC** [US/US]; 30600 Aurora Road, Suite 180, Solon, OH 44139 (US).

(72) Inventors: **ALIBEK, Ken**; 30600 Aurora Road, Suite 180, Solon, OH 44139 (US). **FARMER, Sean**; 5263 SW 34th Way, Fort Lauderdale, FL 33312-5536 (US). **KRAVTSOV, Sergey**; 30600 Aurora Road, Suite 180, Solon, OH 44139 (US).

(74) Agent: **SALIWANCHIK, David R.** et al.; Saliwanchik, Lloyd & Eisenschenk, P.O. Box 142950, Gainesville, FL 32614-2950 (US).

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(54) Title: COMPOSITIONS FOR REPLACING CHEMICAL SURFACTANTS

(57) Abstract: The subject invention provides methods and compositions for replacing chemical surfactants for use in a wide variety of industrial applications. More specifically, the subject invention provides for the production of multi-functional biological surface-active compositions having one or more precise functional characteristics based on the desired use.