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HSMG RECEIVES NOTICE OF ALLOWANCE FROM SINGAPOREAN PATENT OFFICE

December 14, 2020

New York, NY – HSMG® LLC received a Notice of Allowance from the Singapore Patent Office for its patent, “Methods of Biobased Derivatization of Cellulosic Surfaces.” HSMG was granted its patent from the U.S. Patent and Trademark Office (USPTO) earlier in the year, Patent No: 10,730,959.

[*HSMG receives notice of allowance for first patent from USPTO – HSMG \(hsmgrp.com\)*](#)

The patent covers techniques to provide cellulose-based materials with bio-based additive and barrier coating formulations to provide water and lipid resistance. These formulations consist essentially of a saccharide fatty acid ester (SFAE) and the materials are FDA-approved and BfR-certified for food contact, creating a safe alternative for manufacturers looking to replace fossil fuel-based materials and fluorochemicals.

“HSMG remains committed to delivering truly eco-friendly alternatives to plastics and other harmful chemicals used commonly in paper- and pulp-based products,” said Samuel Mikail, Founder and Chairman of HSMG. “We are continuing our efforts to meet the global demands of manufacturers, environmental groups and consumers alike to reduce plastic waste and deliver biodegradable/health-conscience single-use products,” he said.

“Singapore serves as the headquarter of our global group. One of the main reasons in selecting Singapore was to create a strategic base of operations for the HSMG technology in Asia,” added Lucy Lee, CEO and Vice Chairwoman of HSMG. “Through this allowance, we can continue expanding the reach of our PROTÉAN platform across Asia,” she said.

Companies around the globe are working with HSMG to adopt and implement HSMG formulations to achieve their sustainability goals without compromising their business targets or the quality of their products. PROTÉAN is FDA-approved under 21 CFR 176.170 for food contact, maintains BPI Certification for composting under CERT# 10528940 as it contains zero fluorinated chemicals, and recently received BfR Certification.

[*HSMG-receives-bfr-approval-for-the-use-of-protean-in-paper-based-food-packaging.pdf \(hsmgrp.com\)*](#)

[*HSMG-receives-bfr-listing-for-microwavable-paper-based-food-packaging.pdf \(hsmgrp.com\)*](#)

About HSMG® LLC

HSMG® LLC is the eco-tech operation of Greentech Global Pte. Ltd.™ We develop and license our patented additive and barrier coating platform technology, PROTÉAN®, to pulp, paper and packaging manufacturers and specialty chemical companies. We offer water-resistant and/or oil- and grease-resistant alternatives to plastic coatings and fluorochemicals in a broad range of cellulose-based single use products. Formulations made with this platform technology can be recyclable, biodegradable and compostable. To learn more, please visit: www.hsmgrp.com.

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