

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5504389

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
UNIVERISTY OF MAINE SYSTEM BOARD OF TRUSTEES	03/29/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HS MANUFACTURING GROUP LLC
<b>Street Address:</b>	41 MADISON AVENUE
<b>Internal Address:</b>	31ST FLOOR
<b>City:</b>	NEW YORK CITY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10010
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62382690
<b>Application Number:</b>	62432133
<b>Application Number:</b>	62468229
<b>Application Number:</b>	15693186
<b>PCT Number:</b>	US1749772
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(301)560-2034
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2024126986
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<b>Correspondent Name:</b>	DEAN NAKAMURA
<b>Address Line 1:</b>	POST OFFICE BOX 2630
<b>Address Line 4:</b>	MONTGOMERY VILLAGE, MARYLAND 20886-2630
<b>ATTORNEY DOCKET NUMBER:</b>	072501-07661602ME2HS
<b>NAME OF SUBMITTER:</b>	DEAN NAKAMURA
<b>SIGNATURE:</b>	/Dean Nakamura/
<b>DATE SIGNED:</b>	05/02/2019
<b>Total Attachments: 2</b>	

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## WORLDWIDE ASSIGNMENT

Attorney Docket No.: 072501-07661602

WHEREAS THE UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, hereinafter referred to as the Assignor, have invented a certain improvement relating to a METHODS FOR BIOBASED DERIVATIZATION OF CELLULOSIC SURFACES which said Assignor has caused applications to be filed, including, U.S. Ser. No. 62/382,690 filed 01 September 2016, U.S. Ser. No. 62/432,133 filed 09 December 2016, U.S. Ser. No. 62/468,229 filed 07 March 2017, U.S. Ser. No. 15/693,186 filed 31 August 2017 and PCT Ser. No. US17/49772 filed 31 August 2017.

WHEREAS HS MANUFACTURING GROUPS, LLC, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said applications, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, parental applications and prolongations thereof;

**NOW THIS WITNESSETH**, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor, nunc pro tunc hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, and successors and assigns thereof, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, the parental applications and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor nunc pro tunc authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said Assignee, and successors and assigns of said Assignee, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this Assignment had not been made.

Assignor further nunc pro tunc hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, and successors and assigns thereof, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application, the parental applications and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, reexaminations, and extensions thereof, including the right to file applications and obtain patents for the invention in the name of said Assignee, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor nunc pro tunc hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is

ASSIGNMENT  
OF PATENT APPLICATIONS

concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, the successors and assigns of said Assignee, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor further nunc pro tunc agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, the successors and assigns of said Assignee, to obtain, maintain and enforce proper patent protection for said invention.

The undersigned nunc pro tunc agree to be bound by the terms and the conditions set forth herein.

Further Assignor sayeth not.

The undersigned (whose title is supplied below) is authorized to act on behalf of the University of Maine System Board of Trustees.

Signature: James B. Thelen  
Name: James Thelen Thelen  
Date: General Counsel  
  
Date: March 29, 2017

MDIP LLP