505158228 10/25/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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MYUNGWOONG KIM	04/01/2013
DANIEL SWEAT	04/01/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14168383

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	P130169US02	
NAME OF SUBMITTER:	MEREDITH NORIEGA	
SIGNATURE:	/MEREDITH NORIEGA/	
DATE SIGNED:	10/25/2018	

Total Attachments: 4

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> **PATENT REEL: 047305 FRAME: 0455** 505158228

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PATENT REEL: 047305 FRAME: 0456

ASSIGNMENT (Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date	
INIMER-CONTAINING RANDOM COPOLYMERS AND CROSSLINKED COPOLYMER FILMS FOR DENSE				
POLYMER BRUSH GROWTH				
PAT	UNITED STATES	13/771922	February 20, 2013	
INIMER-CONTAINING RANDOM COPOLYMERS AND CROSSLINKED COPOLYMER FILMS FOR DENSE				
COPOLYMER BRUSH GROWTH				
DIV	UNITED STATES	14/168383	January 30, 2014	

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P130169US02

Wisconsin Alumni Research Foundation

PATENT REEL: 047305 FRAME: 0457 ASSIGNMENT Wisconsin Alumni Research Foundation Ref: P130169US01 App.#: 13/771922, Filed: February 20, 2013

Inventor:

Padma Gopalan #2 Windhaven Circle Madison, WI 53717 Date: 4/1/2013

State of Wisconsin)
(See Section 1)
(Section 2)
(Section 3)
(Sect

On this day of April, 2013 before me personally appeared Padma Gopalan, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

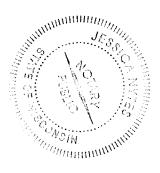
Notary Public

My Commission expires:

CONSIN MINIMUM

1/5/2014

ASSIGNMENT Wisconsin Alumni Research Foundation Ref: P130169US01 App.#: 13/771922, Filed: February 20, 2013	
Myungwoong Kim 4817 Sheboygan Ave. Apt. 413 601. Madison, WI 53705	rate: 4/1/2013
Kim, known to me to be the person identified above as the "Inventor instrument and acknowledged to me that he or she executed the san therein set forth.	
Notary Public My Commission expires:	<u> </u>



ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P130169US01

App.#: 13/771922, Filed: February 20, 2013

Daniel Sweat 5029 Sheboygan Ave. #106

Madison, WI 53705

State of Wisconsin

RECORDED: 10/25/2018

)ss.

County of Dane

On this 157 day of 4prul, 2013 before me personally appeared Daniel Sweat, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My Commission expires:

PATENT

REEL: 047305 FRAME: 0460

Date: 4/1/13