

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4604771

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF RECEIVING PARTY SHOULD BE "KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION" AS ON ACTUAL ASSIGNMENT previously recorded on Reel 037670 Frame 0727. Assignor(s) hereby confirms the NAME OF RECEIVING PARTY "KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION FOUNDATION" IS INCORRECT.

CONVEYING PARTY DATA

Name	Execution Date
JAE HO SHIN	02/14/2012
JONGHAE YOUN	02/14/2012

RECEIVING PARTY DATA

Name:	KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION
Street Address:	447-1 WOLGYE-DONG, NOWON-KU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	139-701
Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Street Address:	308 BYNUM HALL
Internal Address:	CB#4105
City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27599-4105

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14122378

CORRESPONDENCE DATA

Fax Number: (919)862-2260

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.

Phone: 919-862-2200

Email: Lisa.Spataro@alston.com

Correspondent Name: CHRISTOPHER W. WEST

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Address Line 2: SUITE 400

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Address Line 4: DURHAM, NORTH CAROLINA 27703-8580	
ATTORNEY DOCKET NUMBER:	035052/440202
NAME OF SUBMITTER:	CHRISTOPHER W. WEST
SIGNATURE:	/Christopher W. West/
DATE SIGNED:	09/21/2017
Total Attachments: 6 source=440202 Cover Sheet and Original Assignment#page1.tif source=440202 Cover Sheet and Original Assignment#page2.tif source=440202 Cover Sheet and Original Assignment#page3.tif source=440202 Cover Sheet and Original Assignment#page4.tif source=440202 Cover Sheet and Original Assignment#page5.tif source=440202 Cover Sheet and Original Assignment#page6.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3727979

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	08/20/2011
CONVEYING PARTY DATA	
Name	Execution Date
JAE HO SHIN	08/20/2011
JONGHAE YOUN	08/20/2011
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Street Address:	100 EUROPA DRIVE
Internal Address:	SUITE 430
City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27517
Name:	KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION FOUNDATION
Street Address:	447-1 WOLGYE-DONG
City:	NOWON-KU, SEOUL
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
Postal Code:	139-701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14122378
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	patent-mail@alston.com
Correspondent Name:	JASON KEITH
Address Line 1:	4721 EMPEROR BOULEVARD
Address Line 2:	SUITE 400
Address Line 4:	DURHAM, NORTH CAROLINA 27703-8580
ATTORNEY DOCKET NUMBER:	035052/440202
NAME OF SUBMITTER:	JASON A. KEITH, REG. NO. 63,800

SIGNATURE:	/jason a. keith/
DATE SIGNED:	02/05/2016
Total Attachments: 4 source=2016-02-05 440202US Assignment from Shin and Youn to UNC and Kwangwoon University#page1.tif source=2016-02-05 440202US Assignment from Shin and Youn to UNC and Kwangwoon University#page2.tif source=2016-02-05 440202US Assignment from Shin and Youn to UNC and Kwangwoon University#page3.tif source=2016-02-05 440202US Assignment from Shin and Youn to UNC and Kwangwoon University#page4.tif	

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**NUNC PRO TUNC
ASSIGNMENT**

THIS ASSIGNMENT, made by us, Jae Ho Shin, citizen of South Korea, residing at 1232 Sinwon Ribertel, Chang 5-dong, Dobong-gu Seoul, 132-728, South Korea and Jonghae Youn, citizen of South Korea, residing at 811-102, Jugong Apt., Cheolsan 2-dong, Gwangmyeong-si, Gyeonggi-do, 423-723, South Korea, supersedes the prior Assignment executed by the undersigned inventors in connection with U.S. Provisional Patent Application No. 61/492,108; hereinafter referred to as the "first Assignment."

The first Assignment for U.S. Provisional Patent Application No. 61/492,108 was executed on August 20, 2011 (Jae Ho Shin; Jonghae Youn), and was subsequently recorded on September 23, 2011, in the Assignment Branch of the United States Patent and Trademark Office at Reel 026957, Frame 0262. Said first Assignment, without any deceptive intent identified KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION as the sole Assignee, and may have incompletely assigned where right title and interest should have also been assigned to THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL.

This Nunc Pro Tunc Assignment supersedes said first Assignment, and is deemed to have as the effective execution dates the signing dates of the first Assignment, August 20, 2011 (Jae Ho Shin; Jonghae Youn).

THIS ASSIGNMENT, made by us, Jae Ho Shin, citizen of South Korea, residing at 1232 Sinwon Ribertel, Chang 5-dong, Dobong-gu Seoul, 132-728, South Korea and Jonghae Youn, citizen of South Korea, residing at 811-102, Jugong Apt., Cheolsan 2-dong, Gwangmyeong-si, Gyeonggi-do, 423-723, South Korea, WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in SUPERHYDROPHOBIC COATINGS AND METHODS FOR THEIR PREPARATION for which a PROVISIONAL application for United States Letters Patent has been filed in the United States Patent and Trademark Office on June 1, 2011, as Application No. 61/492,108, and

WHEREAS, KWANGWOON UNIVERSITY INDUSTRY-ACADEMIC COLLABORATION having a principal place of business 447-1 Wolgye-dong, Nowon-ku, Seoul, 139-701, South Korea, and THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

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**REEL: 037840 SERIAL: 0729
REEL: 043931 FRAME: 0565**

having a principal place of business 308 Bynum Hall, CB#4105, Chapel Hill, North Carolina 27599-4105 USA, hereinafter referred to as ASSIGNEES, are desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said ASSIGNEES, their successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, divisions, or non-provisionals claiming priority thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said ASSIGNEES, their successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time this assignment is deemed effective, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

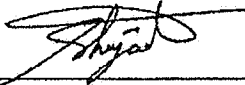
We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said ASSIGNEES or their representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the ASSIGNEES, their representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the ASSIGNEES' complete title to the said invention and Letters Patent, without further compensation, but at the expense of said ASSIGNEES, their successors, assigns, and other legal representatives.

This Assignment is deemed to be effective at least as early as June 1, 2011.

IN WITNESS WHEREOF, **ASSIGNORS** have deemed this Assignment has as the effective execution date August 20, 2011 (Jae Ho Shin; Jonghae Youn).

INVENTOR: Shin, Jae Ho

PRESENT DATE February 14, 2012




Signature

DECLARATION OF WITNESSES


We, Heung Bae Jeon and Min Heo
(Print Name of First Witness Signing) (Print Name of Second Witness Signing)

hereby declare that we were personally present and did see Shin, Jae Ho duly sign and execute the foregoing assignment document.



Signature of First Witness Signing

DATE Feb. 14, 2012




Signature of Second Witness Signing

DATE February 14, 2012

IN WITNESS WHEREOF, *ASSIGNORS* have deemed this Assignment has as the effective execution date August 20, 2011 (Jae Ho Shin; Jonghae Youn).

INVENTOR: Youn, Jonghae

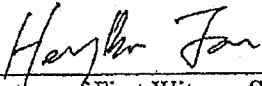
PRESENT DATE February 14, 2012


Signature

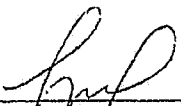
DECLARATION OF WITNESSES

We, Heung Bae Jeon and Min Heo
(Print Name of First Witness Signing) (Print Name of Second Witness Signing)

hereby declare that we were personally present and did see Youn, Jonghae duly sign and execute the foregoing assignment document.


Signature of First Witness Signing

DATE Feb. 14, 2012


Signature of Second Witness Signing

DATE February 14, 2012