PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3381590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFF KOEHLER	05/28/2015
ALEXIS FOSTER	05/28/2015
KEUNWON SONG	06/02/2015
YOUNGJU LEE	05/29/2015
CHONGKYU SHIN	05/28/2015

RECEIVING PARTY DATA

Name:	LG NANOH2O, INC.
Street Address:	750 LAIRPORT ST.
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14730131

CORRESPONDENCE DATA

Fax Number: (619)595-8135

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: 619-595-8028

Email: MLAIPSD@mckennalong.com

Correspondent Name: FRANK J. MISKIEL 4435 EASTGATE MALL Address Line 1:

SUITE 400 Address Line 2:

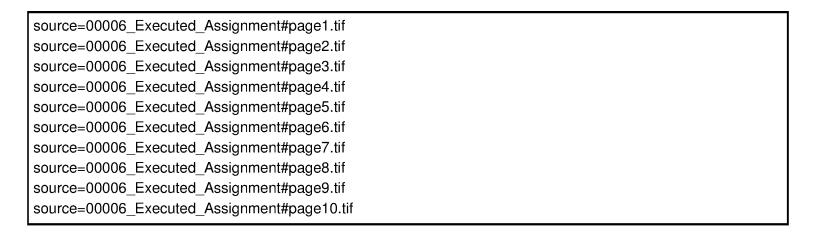
Address Line 4: SAN DIEGO, CALIFORNIA 92121

T-1-1 All11 40	
DATE SIGNED:	06/03/2015
SIGNATURE:	/Frank J. Miskiel/
NAME OF SUBMITTER:	FRANK J. MISKIEL
ATTORNEY DOCKET NUMBER:	38855.00006.US00/00016

Total Attachments: 10

PATENT REEL: 035781 FRAME: 0543

503334972



PATENT REEL: 035781 FRAME: 0544

Assignment of Application

WHEREAS, I (WE)	KOEHLER, Jeff; FOSTER, Alexis; SONG, Keunwon; LEE, Youngju; and SHIN, Chongkyu,		
respectively, have invented certain new and useful improvements in:			
CHEMICAL ADDITIVES FOR ENHANCEMENT OF WATER FLUX OF A MEMBRANE			
for which an application for	Letters Patent was executed on		

(Application No.	14/730,131	, Filed	June 3, 2015), and
WHEREAS,	LG NANOH2O, II	NC.		
(hereinafter referre 750 Lairport St. El Segundo, CA 9 United States	ed to as "ASSIGNEE 0245	") having a place (of business at:	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this

Page 1 of 2

assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 5/28/15	Ille O Kord
•	(Strandic of Leventor) LEVETILER, Jeff
Date:	(Signature of Inventor) FOSTER, Alexis
Date:	(Signature of Inventor) SONG, Keunwon
Date:	(Signature of Inventor) LEE, Youngju
Date:	(Signature of Inventor) SHIN, Chongkyu

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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Date:	(Signature of Inventor)
Date: 5/28/2015	(Signature of Inventor) FOSTER, Alexis
Date:	(Signature of Inventor) SONG, Keunwon
Date:	(Signature of Inventor) LEE, Youngju
Date:	(Signature of Inventor) SHIN, Chongkyu

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PATENT REEL: 035781 FRAME: 0549

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Date:	
	(Signature of Inventor) KOEHLER, Jeff
Date:	
	(Signature of Inventor) FOSTER, Alexis
Date: 06/02/20	(Signature of Inventor) SONG, Keunwon
Date:	
	(Signature of Inventor) LEE, Youngju
Date:	
	(Signature of Inventor) SHIN Chongkyn

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Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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	(Signature of Inventor) KOEHLER, Jeff	
Date:	(Signature of Inventor) FOSTER, Alexis	
Date:	(Signature of Inventor) SONG, Keunwon	
Date: 5.29.2015	(Signature of Inventor) LEE, Youngju	
Date:	(Signature of Inventor) SHIN, Chongkyu	×

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Washington, D.C. 20006

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Date:	(Signature of Inventor) FOSTER, Alexis
Date:	(Signature of Inventor) SONG, Keunwon
Date:	(Signature of Inventor) LEE, Youngju
Dato: 5/28/2015	(Signature of Inventor) SHIN, Chongkyu

McKenna Long & Aldridge LLP
Attorneys At Law

1900 K Street, N.W. Washington, D.C. 20006

> PATENT REEL: 035781 FRAME: 0554

RECORDED: 06/03/2015