PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3371271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KI JU KANG	05/19/2015
SEUNG CHEUL HAN	05/19/2015
MIN GEUN LEE	05/19/2015

RECEIVING PARTY DATA

Name:	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY
Street Address:	77 YONGBONG-RO, BUK-GU
City:	GWANGJU
State/Country:	KOREA, REPUBLIC OF
Postal Code:	500-757

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14647849		

CORRESPONDENCE DATA

Fax Number: (703)935-8473

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: 571-313-7556
Email: mail@sherr-law

Email: mail@sherr-law.com

Correspondent Name: SHERR & JIANG, PLLC

Address Line 1: 620 HERNDON PARKWAY

Address Line 2: SUITE 320

Address Line 4: HERNDON, VIRGINIA 20170

ATTORNEY DOCKET NUMBER:	677-0014
NAME OF SUBMITTER:	DANIEL H. SHERR
SIGNATURE:	/Daniel H. Sherr/
DATE SIGNED:	05/28/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

source=03_677-0014_ExecutedDeclarationandAssignments#page1.tif source=03_677-0014_ExecutedDeclarationandAssignments#page2.tif

PATENT 503324653 REEL: 035728 FRAME: 0743

source=03_677-0014_ExecutedDeclarationandAssignments#page3.tif source=03_677-0014_ExecutedDeclarationandAssignments#page4.tif source=03_677-0014_ExecutedDeclarationandAssignments#page5.tif source=03_677-0014_ExecutedDeclarationandAssignments#page6.tif

> PATENT REEL: 035728 FRAME: 0744

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

METHOD FOR FABRICATING ULTRA-LOW DENSITY THREE-DIMENSIONAL THIN FILM STRUCTURE BASED ON PHOTO-LITHOGRAPHY

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international Application number PCT/KR2013/000873 filed on February 4, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, <u>INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY</u>, with offices at 77 <u>Yongbong-ro</u>, <u>Buk-gu</u>, <u>Gwangju</u> 500-757, <u>Republic of Korea</u> (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto:

PTO/AIA/01 (06-12) (MODIFIED) Attorney Docket No.: 677-0014 Client Ref. No.: OP15024US

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

T TO COAT NA				*******************************
	ME OF INVENTOR KANG, Ki Ju	Date	: <u>May 19, 2015</u>	
Signature	:	31/-		

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

METHOD FOR FABRICATING ULTRA-LOW DENSITY THREE-DIMENSIONAL THIN FILM STRUCTURE BASED ON PHOTO-LITHOGRAPHY

As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or United States application or PCT international Application number PCT/KR2013/000873 filed on February 4, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY, with offices at 77 Yongbong-ro, Buk-gu, Gwangju 500-757, Republic of Korea (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

> Sherr & Jiang, PLLC 628 Herndon Parkway, Suite 320

Herudon, VA 20170 Tel: (871) 313-7586 | Pax: (703) 935-8473 And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

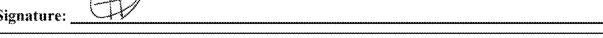
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale,

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Ŧ	EC	AT.	NA	ME	OFINA	/ENTOR

Date: May 19, 2015 Inventor: HAN. Seung Cheul

Signature:



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

METHOD FOR FABRICATING ULTRA-LOW DENSITY THREE-DIMENSIONAL THIN FILM STRUCTURE BASED ON PHOTO-LITHOGRAPHY

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or
United States application or PCT international
Application number PCT/KR2013/000873 filed on February 4, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY, with offices at 77 Yongbong-ro, Buk-gu, Gwangju 500-757, Republic of Korea (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto:

PTO/AIA/01 (06-12) (MODIFIED) Attorney Docket No.: 677-0014 Client Ref. No.: OP15024US

2 page / 2 pages

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL	NAME	OFINI	/ENT	OR
-------	------	-------	------	----

Inventor: LEE, Min Geun Date: May 19, 2015

Signature:

RECORDED: 05/28/2015

Sherr & Jiang, PLLC 628 Herndon Parkway, Suite 320