

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HEE CHEUL CHOI	04/04/2014
HYE KYUNG MOON	04/07/2014
SANG HO LEE	04/10/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14347603
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DATE SIGNED:	08/19/2014
Total Attachments: 2	
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source=Assignment Inventors to POHANG U (023477-0431024)#page2.tif	

For: U.S. Rights and Foreign Rights
For: PCT Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Hee Cheul CHOI

Hye Kyung MOON

Sang Ho LEE

hereby sell, assign and transfer to

ASSIGNEE:

**POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY INDUSTRY
ACADEMY COOPERATION CORPS**
Pohang University of Science and Technology
7 Cheongam-ro, Nam-gu, Pohang-si
Gyeongsangbuk-do, 790-784
Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

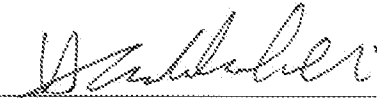
**ALPHA-FORM ZINC-PHTHALOCYANINE NANOWIRES HAVING ENHANCED
WATER SOLUBILITY AND WATER DISPERSIBILITY, COMPOSITE OF AN
ALPHA-FORM ZINC-PHTHALOCYANINE NANOWIRE/PHENOTHIAZINE, AND
METHOD FOR PREPARING SAME**

and which is found in International Application No. PCT/KR2012/006939 filed 30 August 2012, which claims priority to Korean Patent Application No. 10-2011-0097092 filed 26 September 2011 and Korean Patent Application No. 10-2011-0095442 filed 30 August 2012 and any legal equivalent thereof in the United States and/or any foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

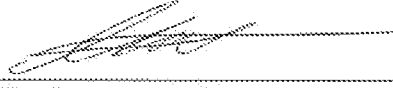
ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

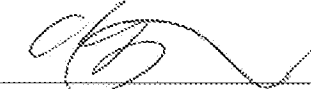
Date: April 16, 2014


Hee Cheul CHOI

Date: April 7, 2014


Hye Kyung MOON

Date: April 10, 2014


Sang Ho LEE