PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG HEO	02/29/2016
BYOUNG JIN SO	02/29/2016
SEUNG RYEOL LEE	02/29/2016

RECEIVING PARTY DATA

Name:	SEOUL VIOSYS CO., LTD.
Street Address:	65-16, SANDAN-RO 163 BEON-GIL
Internal Address:	DANWON-GU, GYEONGGI-DO
City:	ANSAN-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	425-851

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14836876

CORRESPONDENCE DATA

Fax Number: (858)720-5819

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: (858)720-5700

Email: michellemelendez@perkinscoie.com

Correspondent Name: BING AI

Address Line 1: PERKINS COIE LLP

Address Line 2: PO BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	114896-8073.US00
NAME OF SUBMITTER:	CASSIDY EVARISTO
SIGNATURE:	/Cassidy Evaristo/
DATE SIGNED:	03/04/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

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PATENT REEL: 037893 FRAME: 0429

Docket No.: 114896-8073.US00

P14-5011/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jong Heo et al.

Application No.: 14/836,876

Conf. No.: 5852

Filed: August 26, 2015

For: GLASS-PHOSPHOR COMPOSITE CONTAINING RARE-EARTH ION AND LIGHT-EMITTING DIODE

INCLUDING SAME

DECLARATION AND ASSIGNMENT BY THE INVENTOR UNDER RULE 37 C.F.R. § 1.63 EFFECTIVE ON SEPTEMBER 16, 2012

As a below named inventor, I hereby declare that:

I believe I am the sole original inventor or an original joint inventor of a claimed invention in a patent application entitled:

GLASS-PHOSPHOR COMPOSITE CONTAINING RARE-EARTH ION AND LIGHT-EMITTING DIODE INCLUDING SAME

filed on August 26, 2015, and assigned U.S. Application Number 14/836,876, the specification of which is attached hereto and identified as Attorney Docket No. 114896-8073.US00.

I believe the following persons are original joint inventors of the above-identified U.S. patent application:

Jong Heo;

Byoung Jin So; and

Seung Ryeol Lee.

I made, authorized to make, or will make or authorize to make the above-identified patent application at the U.S. Patent and Trademark Office.

I have reviewed and understand the contents of the above-identified patent application including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

127344739.1

Inventors: Jong Heo et al. Docket No.: 114896-8073.US00

Appl. No. : 14/836,876 Filed : August 26, 2015

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

ASSIGNMENT

I hereby assign to Seoul Viosys Co., Ltd., a corporation, having a place of business at 65-16, Sandan-ro 163 beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do 425-851, Republic of Korea, and its successors and assigns (collectively "the Assignee"), the entire right, title and interest throughout the world in any and all inventions and improvements which are described in the above-identified application, and prior PCT Application No. PCT/KR2014/001501 filed in the Republic of Korea Receiving Office on February 25, 2014, and prior Korean Patent Application No. 10-2013-0020754 filed in the Republic of Korea on February 26, 2013, from which the above-identified U.S. patent application claims priorities and benefits.

This assignment includes the entire right, title and interest in the above-identified U.S. and Korean patent applications, all legal equivalents thereof in any country, any and all United States, Patent Cooperation Treaty, Republic of Korea and other foreign patents, utility models, and design registrations granted for any of said inventions and improvements, including, but not limited to, all divisions, continuations, reissues, reexamination certificates, any and all certificates issued in any post-grant proceeding, and extensions of said applications and patents of the United States, Patent Cooperation Treaty and Republic of Korea, all other foreign patents, utility models, and design registrations, and the right to claim priority based on the filing dates of the above-identified U.S. and Republic of Korea patent applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, and the right to seek relief and recover all damages, including, but not limited to, a reasonable royalty, by reason of infringement or any other violation of patent or patent application rights. I authorize the Assignee to apply in all countries in the name of the Assignee for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

127344739.1

Inventors: Jong Heo et al. Docket No.: 114896-8073.US00

Appl. No. : 14/836,876 Filed : August 26, 2015

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In addition, I hereby confirm the sale, assignment, and transfer to the Assignee of the entire right, title and interest throughout the world in said inventions and improvements that occurred by operation of an employment agreement between me and the Assignee existing at the time said inventions and improvements were made. Should I have any remaining interest, I hereby sell, assign, and transfer any right, title and interest I may have in said inventions and improvements anywhere in the world to the Assignee.

The foregoing assignments, sale and transfer have been made for good and valuable consideration in accordance with the aforementioned employment agreement.

I hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with the assignment of said inventions and improvements to the Assignee.

I further covenant for myself and my respective heirs, legal representatives and assigns, to assist the Assignee in handling various procedures, tasks and documentation in connection with this assignment, including, but not limited to, providing to the Assignee promptly upon the request of the Assignee all pertinent facts and documents relating to said invention and improvements, and said patents, said legal equivalents or other legal instrument as may be known and accessible to me and testifying as to the same in any interference, litigation, or proceeding relating thereto, and promptly executing and delivering to the Assignee or its legal representative any and all papers, documents, instruments or affidavits in connection with obtaining, maintaining, issuing or enforcing said application, said inventions and improvements, and said patents, said equivalents and other legal instrument which may be necessary or desirable to carry out the purposes thereof.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue one or more patents in the United States for said inventions and improvements to <u>Seoul Viosys Co.</u>, <u>Ltd.</u> as assignee of the entire interest, for the sole use and benefit of Assignee, its successors and assigns.



127344739.1

Docket No.: 114896-8073.US00 Inventors : Jong Heo et al.

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I am competent to execute the above declaration and assignment. I hereby have duly executed the declaration and assignment below with my name.

	nrst inventor: Jong Heo	
Inventor's sig	nature: <u>Greku</u>	
Date:	<u> </u>	
	, , ,	
Full name of	joint inventor: Byoung Jin So	
Inventor's sig	nature: <u>Syangjin So</u>	***************************************
	Feb. 29.700E	
	joint inventor: Seung Ryeol Lee	•
Inventor's sig	nature: Sourscood Lee	
Date:	Feb. 29, 2016.	

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PATENT REEL: 037893 FRAME: 0433

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