PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN CHAN HEO	03/05/2019
KYOUNG WAN KIM	03/08/2019
YE SEUL KIM	03/13/2019
YONG WOO RYU	03/13/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16354815

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P8320US00
NAME OF SUBMITTER:	HAE-CHAN PARK
SIGNATURE:	/Hae-Chan Park/
DATE SIGNED:	03/15/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 048611 FRAME: 0707

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PATENT REEL: 048611 FRAME: 0708

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

The attached application entitled LIGHT EMITTING DIODI	E HAVING
DISTRIBUTED BRAGG REFLECTOR having attorney docket number Pt	3320US00
("Application"), which is a Bypass Continuation of International Application	n
PCT/KR2018/008899, filed on August 6, 2018, which claims priority from:	
Korean Patent Application No. 10-2017-0107293, filed August 24, 2017, a	and
Korean Patent Application No. 10-2018-0090328, filed on August 2, 2018	
As amended on(if applicable);

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.

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.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

SEOUL VIOSYS CO., LTD. 65-16, Sandan-ro 163 beon-gil, Danwon-gu Gyeonggi-do Ansan-si Republic of Korea

SEOUL VIOSYS CO., LTD. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including

First Inventor's and Assignor's Name:

Docket No. P8320US00

(without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

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

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

Min Chan HEO

*	
Address:	65-16, Sandan-ro 163 beon-gil, Danwon-gu Gyeonggi-do Ansan-si Republic of Korea
First Inventor's and Assignor's Signature:	<u> Nac - </u>
Date:	07.05.2019
Second Inventor's and Assignor's Name:	Kyoung Wan KIM
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Second Inventor's and Assignor's Signature:	
Date	03.04.20/9



Third Inventor's and Assignor's Name:	Ye Seul KIM
Address:	65-16, Sandan-ro 163 beon-gil, Danwon-gu Gyeonggi-do Ansan-si Republic of Korea
Third Inventor's and Assignor's Signature:	
Date:	3.13,18
Fourth Inventor's and Assignor's Name:	Yong Woo RYU
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Fourth Inventor's and Assignor's Signature:	47
Date:	7, 13, 2019

RECORDED: 03/15/2019