

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAE KYOUNG YOO	05/16/2016
MYEONG KOOK GONG	05/16/2016
YONG WOOK CHO	05/16/2016
MIN PYO KIM	05/16/2016
SUNG HWAN YOO	05/16/2016
KYOUNG MIN KIM	05/16/2016
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<b>City:</b>	YONGIN-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15163878
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	1290416.1063D1
<b>NAME OF SUBMITTER:</b>	SUNGYONG IN
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<b>DATE SIGNED:</b>	05/25/2016
<b>Total Attachments: 3</b>	
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UNITED STATES PATENT RIGHTS AND  
ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Name(s) of Inventor(s): WHEREAS, I (We)  
Tae Kyoung YOO, residing at D-2001, Royal Palace Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea;  
Myeong Kook GONG, residing at 901-2003 LG Xi 869 Sanghyeon-2 dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea;  
Yong Wook CHO, residing at 107-505 Sujisamsung 4 Cha Apt., Pungdeokcheon, 1-dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea;  
Min Pyo KIM, residing at 302, 1309-2 Sa-dong, Sangrok-gu, Ansan-si, Gyeonggi-do, Korea;  
Sung Hwan YOO, residing at 105-901 Jugong Apt., Guro 1-dong, 152-761 Guro-gu, Seoul, Korea; and  
Kyoung Min KIM, residing at 402-401 Yeolmae Maeul 4 Danji, Iijok-dong, Yuseong-gu, Daejeon, Korea;  
(hereinafter referred to as the undersigned) have invented certain new and useful improvements in:

Title of Invention: LIGHT-EMITTING-DEVICE PACKAGE AND PRODUCTION METHOD THEREFOR  
for which an application for Letters Patent of the United States of America has been executed by the undersigned  
(U.S. Patent Application No. **15/163878**, filed on **May 25, 2016**), and

Name of ASSIGNEE: WHEREAS, LUMENS CO., LTD.

Address of ASSIGNEE: of 12, Wongomae-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea

its heirs, successors, legal representatives and assigns (hereinafter collectively referred to as the ASSIGNEE) is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America, its territorial possessions, and in any foreign countries.

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERRATION, the adequacy and receipt of which are hereby acknowledged, the undersigned has (have) sold, assigned, and transferred, and by these presents does (do) sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies, and possessions, and in any and all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties from the aforesaid application(s)), and to any and all divisions, reissues, continuations, continuation-in-parts, substitutions, renewals, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and its territorial possessions and any and all foreign countries to issue any and all of Letters Patent resulting from said application or any continuing, continuation, continuation-in-part, divisional,

conversion, reissue, extension applications thereof to said ASSIGNEE, as assignee of the entire interest and thereby covenant(s) that the undersigned has (have) the full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, continuation-in-part, divisional, conversion, extension, or reissue applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

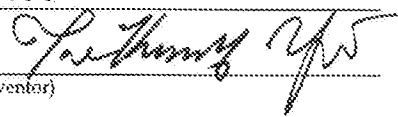
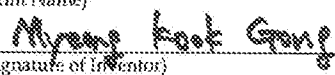
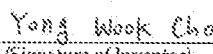
The undersigned agree(s) to execute all papers necessary in connection with any proceeding which may arise concerning this application or continuation, continuation-in-part, divisional, conversion, extension or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence in such proceeding.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Intellectual Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the ASSIGNEE and to vest all rights therein hereby conveyed to said ASSIGNEE as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

The undersigned hereby grant(s) the law firm of Ichthus International Law, PLLC the power to insert on this Assignment any further identification and/or clarification 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Date: <u>May 16, 2016</u>	Name: <u>Tae Kyoung YOO</u> (Print Name) <u></u> (Signature of Inventor)
Date: <u>16 May 2016</u>	Name: <u>Myeong Kook GONG</u> (Print Name) <u></u> (Signature of Inventor)
Date: <u>2016. 05. 16</u>	Name: <u>Yong Wook CHO</u> (Print Name) <u></u> (Signature of Inventor)

Date: 2016. 05. 16 Name: Min Pyo KIM  
(Print Name)  
Min Pyo KIM  
(Signature of Inventor)

Date: 2016. 05. 16 Name: Sung Hwan YOO  
(Print Name)  
Sung Hwan Yoo  
(Signature of Inventor)

Date: May. 16. 2016 Name: Kyoung Min KIM  
(Print Name)  
Kyoung Min KIM  
(Signature of Inventor)