

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAE WON KIM	04/11/2017
RECEIVING PARTY DATA		
Name:	LUMENS CO., LTD.	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15488513
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NAME OF SUBMITTER:	SUNGYONG IN	
SIGNATURE:	/Sungyong In/	
DATE SIGNED:	04/16/2017	
Total Attachments: 2		
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UNITED STATES PATENT RIGHTS AND
ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Name(s) of
Inventor(s): WHEREAS, I (We)
Dae Won KIM,
having mailing address at 12, Wongomae-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17086
Korea,
(hereinafter referred to as the undersigned) have invented certain new and useful
improvements in:

Title of
Invention: LIGHT EMITTING DIODE

for which an application for Letters Patent of the United States of America has been
executed by the undersigned
(U.S. Patent App. No.: **15/488,513**, filed on **April 16, 2017**, and all of continuing,
continuation, continuation-in-part, divisional, conversion, reissue, extension and any child
applications), and

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

Address of
ASSIGNEE: of 12, Wongomae-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17086, 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 CONSIDERATION, 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.

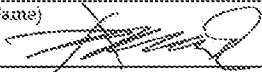
The undersigned agree(s) to execute all papers necessary in connection with any proceeding which may arise concerning this application or continuation, continuation-in-part, divisional, conversion, extension or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with 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: April 11 2017 Name: Dae Won KIM
(Print Name)

(Signature of inventor)