PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2875873

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOO HYEB YOUN	08/26/2013
YOUNG-JUN YU	08/26/2013
KWANG HYO CHUNG	08/26/2013
CHOON GI CHOI	08/26/2013

RECEIVING PARTY DATA

lame: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	
Street Address: 218 GAJEONG-RO, YUSEONG-GU	
City:	DAEJEON
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-700

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14290192

CORRESPONDENCE DATA

Fax Number: (202)659-8822

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: 2022630809 Email: info@kilepark.com

Correspondent Name: KILE PARK REED & HOUTTEMAN PLLC

Address Line 1: 3957 PENDER DRIVE

Address Line 2: **SUITE 103**

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	PAN-0595-ET
NAME OF SUBMITTER:	JAE Y. PARK
SIGNATURE:	/Jae Y. Park/
DATE SIGNED:	05/29/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

source=Decl Assmt PAN0595#page1.tif

PATENT REEL: 032988 FRAME: 0815



PATENT REEL: 032988 FRAME: 0816

Title of Invention	LIGHT EMITTING DIODE AND MANUFACTURING METHOD THEREOF		
As the below name	ed inventor, I hereby declare that:		
This declaration is	directed to:		
☐ The att	ached application, or		
	States application or PCT international application number filed		
The above-identifi	ed application was made or authorized to be made by me.		
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the		
claims. I am aw	I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.		
	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.		
218 Gajeong-ro representatives an entire right, title a	CTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of yuseong-gu, Daejeon, 305-700, Republic of Korea its heirs, successors, legal d assigns (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the nd interest in and to said invention and in and to any Letters Patent(s) that may re in the United States of America and in any foreign countries.		
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the 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 therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries;			
and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.			

I agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

I agree to execute all papers and documents and to perform any act which may be necessary in connection with claims and provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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

I hereby authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LEGAL NAME OF INVENTOR	
Inventor: Youn, Doo Hyeb	Date: 26 Aug, 20/3
Signature:	

Note: Use an additional form for each additional inventor.

Title of Invention	LIGHT EMITTING DIODE AND MANUFACTURING METHOD THEREOF		
As the below name	ed inventor, I hereby declare that:		
This declaration is	directed to:		
☐ The att	ached application, or		
	States application or PCT international application number filed		
The above-identifi	ed application was made or authorized to be made by me.		
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the		
claims. I am awa	I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.		
	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.		
218 Gajeong-ro, representatives and entire right, title a	CTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of Yuseong-gu, Daejeon, 305-700, Republic of Korea its heirs, successors, legal d assigns (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the and interest in and to said invention and in and to any Letters Patent(s) that may be in the United States of America and in any foreign countries.		
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the 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 therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries;			
	ivisions, reissues, continuations, conversions and extensions thereof for the full hich the same may be granted.		

I agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

I agree to execute all papers and documents and to perform any act which may be necessary in connection with claims and provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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

I hereby authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LEGAL NAME OF INVENTOR	
Inventor: Yu, Young-Jun	Date: 26 Aug. 20/3
Signature: Young - Jun Yu	

Note: Use an additional form for each additional inventor.

KILE PARK PLLC, WASHINGTON DC, USA

PATENT REEL: 032988 FRAME: 0820

Title of Invention	LIGHT EMITTING DIODE AND MANUFACTURING METHOD THEREOF		
As the below name	ed inventor, I hereby declare that:		
This declaration is	directed to:		
☐ The att	ached application, or		
	States application or PCT international application number filed		
The above-identifi	ed application was made or authorized to be made by me.		
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the		
claims. I am awa	I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.		
-	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, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 218 Gajeong-ro, Yuseong-gu, Daejeon, 305-700, Republic of Korea its heirs, successors, legal representatives and assigns (hereinafter referred to as "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 therefore in the United States of America and in any foreign countries.			
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the 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 therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries;			
and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.			

I agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

I agree to execute all papers and documents and to perform any act which may be necessary in connection with claims and provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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

I hereby authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LEGAL NAME OF INVENTOR			
Inventor: Chung, Kwang Hyo	Date:	Any 26	2013
Signature: 2922			

Note: Use an additional form for each additional inventor.

Title of Invention	LIGHT EMITTING DIODE AND MANUFACTURING METHOD THEREOF		
As the below name	As the below named inventor, I hereby declare that:		
This declaration is	This declaration is directed to:		
∑ The att	ached application, or		
	States application or PCT international application number filed		
The above-identifi	ed application was made or authorized to be made by me.		
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the		
claims. I am awa	I have reviewed and understand the contents of the above-identified application, including the claims. I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.		
	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.		
218 Gajeong-ro representatives and entire right, title an	CTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of Yuseong-gu, Daejeon, 305-700, Republic of Korea its heirs, successors, legal assigns (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the ad interest in and to said invention and in and to any Letters Patent(s) that may be in the United States of America and in any foreign countries.		
NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration paid to the undersigned, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the 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 therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries;			
and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.			

I agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

I agree to execute all papers and documents and to perform any act which may be necessary in connection with claims and provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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

I hereby authorize and request the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I declare that all statements made in the above assignment of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C.1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

 LEGAL NAME OF INVENTOR				
Inventor: Choi, Choon Gi	_ Date: _	26	August 201	2
Signature:				
On Jak	_ Date		11-900, 007	

Note: Use an additional form for each additional inventor.

KILE PARK PLLC, WASHINGTON DC, USA

PATENT REEL: 032988 FRAME: 0824

RECORDED: 05/29/2014