

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yong-Hee Lee</td> <td>07/12/2012</td> </tr> <tr> <td>Sang-Hwan Cho</td> <td>07/12/2012</td> </tr> <tr> <td>Young Rag Do</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yong-Hee Lee	07/12/2012	Sang-Hwan Cho	07/12/2012	Young Rag Do	07/12/2012
Name	Execution Date								
Yong-Hee Lee	07/12/2012								
Sang-Hwan Cho	07/12/2012								
Young Rag Do	07/12/2012								
RECEIVING PARTY DATA									
Name:	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY								
Street Address:	373-1, Guseong-dong								
City:	Yuseong-gu, Daejeon								
State/Country:	KOREA, REPUBLIC OF								
Postal Code:	305-701								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13465121</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13465121				
Property Type	Number								
Application Number:	13465121								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	2037027102								
Email:	hpark@parkpatents.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Hyun Jong Park, Park & Associates Intell								
Address Line 1:	Suite 106								
Address Line 2:	265 Bic Drive								
Address Line 4:	Milford, CONNECTICUT 06461								
ATTORNEY DOCKET NUMBER:	0138-P0008A								
NAME OF SUBMITTER:	Hyun Jong Park								
Total Attachments: 3 source=120719_138-P8A_Assignment_Executed#page1.tif source=120719_138-P8A_Assignment_Executed#page2.tif source=120719_138-P8A_Assignment_Executed#page3.tif									

OP \$40.00 13465121

Assignment

WHEREAS, I/we, the undersigned inventor(s), have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled BLACK ORGANIC LIGHT-EMITTING DIODE DEVICE, bearing Patent Application Serial No. 13/465,121, filed on 05/07/2012

WHEREAS, KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, organized and existing under the laws of Republic of Korea, whose address is 373-1, Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea, and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

NOW THEREFORE, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

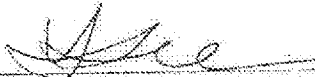
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs, legal representatives and assigns, as well as myself/ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives and

assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives or assigns, which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, we the inventors, LEE, Yong-Hye, CHO, Sang-Hwan and DO, Young-Rae, have hereunto duly executed this Assignment.



Signature of First Inventor

LEE, Yong-Hye
Full Name of First Inventor (please print)

July 12, 2012
Date

Declaration of Witness for First Inventor

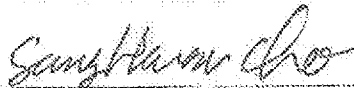
I declare that I was personally present and did see, who is personally known to me to be the person named in this assignment, duly sign and execute the same

Declared at Daejeon KAKT on the date of July 12, 2012



Signature of Witness

이성영 (LEE, Sun Young)
Full Name of Witness



Signature of Second Inventor

CHO, Sang-Hwan
Full Name of Second Inventor (please print)

July 12, 2012
Date

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Declared at Daejeon, Korea on the date of July 12, 2012

C. S. Song
Signature of Witness

Song, Chang Sook
Full Name of Witness

[Signature]
Signature of Second Inventor

DO, Young Rag
Full Name of Second Inventor (please print)

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