

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Samsung Electronics Co., Ltd.	10/30/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Samsung Electronics Co., Ltd.
Street Address:	314, Maetan 3-dong
Internal Address:	Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Name:	Samsung Electro-Mechanics Co., Ltd.
Street Address:	416, Maetan-dong
Internal Address:	Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	7095041
<b>CORRESPONDENCE DATA</b>	
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**PATENT**  
**REEL: 023449 FRAME: 0793**

NAME OF SUBMITTER:

Charles F. Wieland III

Total Attachments: 1

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## ASSIGNMENT (SOLE)

THIS ASSIGNMENT, by Samsung Electronics Co., Ltd., having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor is the owner of certain new and useful improvements set forth in U.S. Patent No. 7,095,041 (formerly U.S. Patent Application No. 10/420,827), entitled: HIGH-EFFICIENCY LIGHT EMITTING DIODE and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under and pursuant to the laws of the Republic of Korea and having a principal place of business at 314, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "Joint Assignee"), is desirous of acquiring, and does hereby acquire, 50 percent right, title and interest into and to said patent; and

WHEREAS, Samsung Electro-Mechanics Co., Ltd., a corporation duly organized under and pursuant to the laws of the Republic of Korea and having a principal place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "Joint Assignee"), is desirous of acquiring, and does hereby acquire, 50 percent right, title, and interest in and to said patent.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Joint Assignees, their successors, legal representatives, and assigns the entire right, title, and interest according to the percentages above, in and to the above-mentioned patent application, and patents, reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Joint Assignees, for their own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Joint Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the patent application, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Joint Assignee, their successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Joint Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said patent application, or any patents, reissues or extensions of any Letters Patent or Patents obtained or to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents, without charge to the Joint Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Joint Assignees, their successors, legal representatives, and assigns.

SAMSUNG ELECTRONICS CO., LTD.

*Kyungok Wun-Kim*

Date: 30 oct 2009

Name: *Kyungok Wun-Kim*

Title: Vice President, IP Prosecution Group Leader