

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Yi tae Kim</td><td>05/26/2008</td></tr><tr><td>Jung chak Ahn</td><td>05/26/2008</td></tr></tbody></table>	Name	Execution Date	Yi tae Kim	05/26/2008	Jung chak Ahn	05/26/2008					
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Jung chak Ahn	05/26/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Samsung Electronics Co., Ltd.</td></tr><tr><td>Street Address:</td><td>416 Maetan-dong, Yeongtong-gu</td></tr><tr><td>Internal Address:</td><td>Suwon-si</td></tr><tr><td>City:</td><td>Gyeonggi-do</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>	Name:	Samsung Electronics Co., Ltd.	Street Address:	416 Maetan-dong, Yeongtong-gu	Internal Address:	Suwon-si	City:	Gyeonggi-do	State/Country:	REPUBLIC OF KOREA	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Candi L. Riggs										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

CH 12132814 \$40.00

PATENT

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REEL: 021039 FRAME: 0390

Attorney Docket No. 5649-2290

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Yi-tae Kim**, citizen of the Republic of Korea, residing at 206-1702, Sinchang Vivafamily 2-cha Apt., Byeongjeom-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea; and **Jung-chak Ahn**, citizen of the Republic of Korea, residing at 2201-1704, Baekhyeon Maeul Koaroo Apt., Dongbaek-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **PHOTOSENSORS INCLUDING PHOTODIODE CONTROL ELECTRODES AND METHODS OF OPERATING SAME** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/132,814, filed 6/4/08) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

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**ASSIGNMENT - CONTINUED**

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26 day of May, 2008.

Yi-tae Kim (SEAL)  
Yi-tae Kim

Witnessed by:

\_\_\_\_\_

Date: \_\_\_\_\_

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238151211704051



Attorney Docket No. 5649-2290

**ASSIGNMENT - CONTINUED**

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 26 day  
of May, 2008.

Jung-chak Ahn (SEAL)  
**Jung-chak Ahn**

Witnessed by:

\_\_\_\_\_

Date: \_\_\_\_\_

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RECORDED: 06/04/2008

Patent and Trademark Office GFI FAXmaker fax server. For more information, see <http://www.uspto.gov>

**PATENT**  
**REEL: 021039 FRAME: 0393**