

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Soo-Young KIM | 09/23/2011 |
| Young-Ho KIM | 09/23/2011 |
| Jae-Hyun KIM | 09/23/2011 |
| Su-Min PARK | 09/23/2011 |
| RECEIVING PARTY DATA | |
| Name: | Samsung Electronics Co., Ltd. |
| Street Address: | 416 Maetan-Dong, Yeongtong-gu |
| Internal Address: | Suwon-si, Gyeonggi-do |
| City: | Suwon-si |
| State/Country: | REPUBLIC OF KOREA |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13241612 |
| CORRESPONDENCE DATA | |
| Fax Number: | (704)945-6735 |
| Phone: | 704-945-6700 |
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| <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: | Melissa B. Pendleton |
| Address Line 1: | 11610 N. Community House Road |
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| ATTORNEY DOCKET NUMBER: | 7020.098 |
| NAME OF SUBMITTER: | Melissa B. Pendleton |

OP \$40.00 13241612

Total Attachments: 4

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- 1) Soo-Young KIM
- 2) Young-Ho KIM
- 3) Jae-Hyun KIM
- 4) Su-Min PARK

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 09/23/2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Samsung Electronics Co., Ltd.

Internal Address: _____

Street Address: 416 Maetan-Dong, Yeongtong-gu

City: Suwon-si

State: Gyeonggi-do

Country: South Korea Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

13/241,612

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Summa, Additon & Ashe, P.A.

Internal Address: _____

Street Address: 11610 N. Community House
Road, Suite 200

City: Charlotte

State: NC Zip: 28277-2199

Phone Number: 704-945-6700

Fax Number: 704-945-6735

Email Address: _____

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature: /Melissa B. Pendleton/

September 23, 2011

Signature

Date

Melissa B. Pendleton

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, **Soo-Young KIM**, a Korean citizen, with a mailing address of 211-2303, Imaechon Hanshin Apt., Imae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **Young-Ho KIM**, a Korean citizen, with a mailing address of 505-804, Samsung 5 Cha Apt., Pungdeokcheon 2-dong, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **Jae-Hyun KIM**, a Korean citizen, with a mailing address of 4104-1304, Daewon Apt., Dongbaek-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and **Su-Min PARK**, a Korean citizen, with a mailing address of 15-303, Cheongsil Apt., Daechi 1-dong, Gangnam-gu, Seoul, Republic of Korea (hereinafter referred to as "ASSIGNOR"), am a joint inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in *Positive Photosensitive Resin Composition*, for which an application for United States Letters Patent is being filed concurrently herewith and which application claims priority from a Korean application filed on December 20, 2010, under Serial No. 10-2010-0130786, all applications listed above being hereinafter referred to as 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") has acquired the equitable right, title, and interest—and is desirous of acquiring any remaining right, title, and interest—in and to said INVENTION as described in said APPLICATION, and in and to any and all Letters Patent that shall be granted with

respect to said INVENTION in the United States of America and all foreign countries;

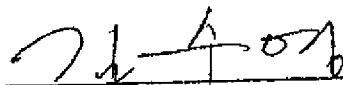
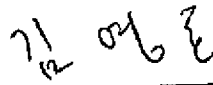
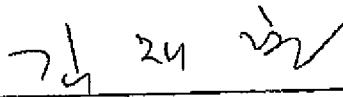
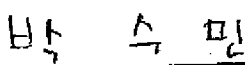
NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred, and conveyed unto said ASSIGNEE, its successors and assigns, my equitable right, title, and interest—and by these presents do hereby sell, assign, transfer, and convey unto said ASSIGNEE, its successors and assigns any remaining right, title, and interest—in and to said INVENTION and APPLICATION, 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, reexaminations, or extensions thereof that may be granted therefore or thereon, for the full 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 international treaties and conventions, 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 me if an assignment and sale had not been made.

I acknowledge that at the time the INVENTION was made, the INVENTION was subject to an obligation of assignment to said ASSIGNEE. I further acknowledge that said ASSIGNEE has the sole right to determine patent prosecution strategies with respect to said INVENTION and all corresponding applications, and hereby request that Letters Patent be issued in accordance with this assignment.

I further covenant and agree to bind my heirs, legal representatives, and assigns, promptly to communicate to said

ASSIGNEE or its representatives any facts known to me relating to said INVENTION, to testify in any interference or legal proceedings involving said INVENTION, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said INVENTION in all countries and to vest in the ASSIGNEE complete title to 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 signed my name on the day and year set forth below.

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| <u>September 23</u> , 2011 |  Soo-Young KIM |
| <u>September 23</u> , 2011 |  Young-Ho KIM |
| <u>September 23</u> , 2011 |  Jae-Hyun KIM |
| <u>September 23</u> , 2011 |  Su-Min PARK |