

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sang-Hoon KIM	03/16/2010
Han-Seo CHO	03/16/2010
Joon-Sung KIM	03/16/2010
Jae-Hyun JUNG	03/16/2010

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.
Street Address:	314, Maetan3-Dong, Yeongtong-Gu, Suwon,
City:	Gyeonggi-Do
State/Country:	REPUBLIC OF KOREA
Postal Code:	443-743

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12760035

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	075951-0190
NAME OF SUBMITTER:	Stephen A. Becker

Total Attachments: 3
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**PATENT
 REEL: 024231 FRAME: 0565**

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RECORDATION FORM COVER SHEET

Docket No.: 075951-0190

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)
Sang-Hoon KIM, Han-Seo CHO, Joon-Sung KIM, Jae-Hyun JUNG

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

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **March 16, 2010**

- 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 ELECTRO-MECHANICS CO., LTD.**

Internal Address:

Address: **314, Maetan3-Dong, Yeongtong-Gu, Suwon, Gyunggi-Do 443-743 KOREA**

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

4. Application or patent number(s):

A. Patent Application No(s).

This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington** State: **D. C.** Zip: **20005-3096**

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved:

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 500417
 Authorized User Name _____

9. Signature.

Stephen A. Becker 26,527



April 14, 2010

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **3**

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|--------------------------|------------|
| (1) <u>Sang-Hoon KIM</u> | (7) _____ |
| (2) <u>Han-Seo CHO</u> | (8) _____ |
| (3) <u>Joon-Sung KIM</u> | (9) _____ |
| (4) <u>Jae-Hyun JUNG</u> | (10) _____ |
| (5) _____ | (11) _____ |
| (6) _____ | (12) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAMSUNG ELECTRO-MECHANICS CO., LTD.

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

Optical wiring board and manufacturing method thereof

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>Sang Hoon Kim</u> Name: Sang-Hoon KIM	<u>March 16, 2010</u>
2)	<u>Han Seo Cho</u> Name: Han-Seo CHO	<u>Mar 16, 2010</u>
3)	<u>Joon Sung Kim</u> Name: Joon-Sung KIM	<u>March 16. 2010</u>
4)	<u>Jae Hyun Jung</u> Name: Jae-Hyun JUNG	<u>March 16. 2010</u>