

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sang Hoon KIM	07/10/2009
Han Seo CHO	07/10/2009
Jae Hyun JUNG	07/10/2009
Joon Sung KIM	07/10/2009

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.
Street Address:	314, Maetan 3-dong, Yeongtong-gu, Suwon
City:	Gyunnggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	443-743

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12553899

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	8753.P038
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NAME OF SUBMITTER:	Robert O'Rourke
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Total Attachments: 2
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PATENT
REEL: 023192 FRAME: 0723

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 8753.P038

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, KIM, Sang Hoon, CHO, Han Seo, JUNG, Jae Hyun
KIM, Joon Sung

hereby sell, assign, and transfer to SAMSUNG ELECTRO-MECHANICS CO., LTD.

a corporation of Korea
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 314, Maetan 3-dong, Yeongtong-gu, Suwon,
Gyeonggi-do 443-743, Korea

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled PRINTED CIRCUIT BOARD FOR OPTICAL WAVEGUIDES AND METHOD OF
MANUFACTURING THE SAME

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/553,899 filed 09/3/2009

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

July 10, 2009
Date

Kim Sang Hoon
Signature

KIM, Sang Hoon
Printed/Typed Name

July 10, 2009
Date

Cho, Han Seo
Signature

CHO, Han Seo
Printed/Typed Name

July 10, 2009
Date

Jung, Jae Hyun
Signature

JUNG, Jae Hyun
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July 10, 2009
Date

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