

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Wan Cheol Yang</td> <td>02/15/2012</td> </tr> <tr> <td>Jung Hoo Lee</td> <td>02/15/2012</td> </tr> <tr> <td>Kyung Uk Kim</td> <td>02/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wan Cheol Yang	02/15/2012	Jung Hoo Lee	02/15/2012	Kyung Uk Kim	02/15/2012
Name	Execution Date								
Wan Cheol Yang	02/15/2012								
Jung Hoo Lee	02/15/2012								
Kyung Uk Kim	02/15/2012								
RECEIVING PARTY DATA									
Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.								
Street Address:	314, Maetan3-dong, Yeongtong-gu, Suwon-si								
City:	Gyeonggi-do								
State/Country:	KOREA, REPUBLIC OF								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13461511</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13461511				
Property Type	Number								
Application Number:	13461511								
CORRESPONDENCE DATA									
Fax Number:	(408)720-8383								
Phone:	310-207-3800								
Email:	alexis_karriker@bstz.com								
<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:	Blakely, Sokoloff, Taylor & Zafman LLP								
Address Line 1:	1279 Oakmead Parkway								
Address Line 4:	Sunnyvale, CALIFORNIA 94085-4040								
ATTORNEY DOCKET NUMBER:	009237.P039								
NAME OF SUBMITTER:	Eric S. Hyman								
Total Attachments: 2 source=9237p039_Assignment_043012#page1.tif source=9237p039_Assignment_043012#page2.tif									

CH \$40.00 13461511

ASSIGNMENT OF PATENT APPLICATIONAttorney Docket No.: 009237-P039

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,
I/we, the undersigned,

1) YANG, Wan Cheol 2) LEE, Jung Hoo 3) KIM, Kyung Uk hereby sell, assign, and transfer to

SAMSUNG ELECTRO-MECHANICS CO., LTD. a _____

of _____

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

having a principal place of business at _____

314, Maetan3-dong, Yeongtong-gu, Suwon-si, Gyunggi-do, Republic of 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 for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

POWER QUALITY MONITORING APPARATUS AND METHOD THEREOF

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 13/461,511 filed May 1, 2012,

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:

Feb 15, 2012
Date

Yang Wan cheol
Signature

YANG, Wan Cheol
Printed/Typed Name

Feb 15, 2012
Date

[Signature]
Signature

LEE, Jung Hoo
Printed/Typed Name

Feb 15, 2012
Date

[Signature]
Signature

KIM, Kyung Uk
Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300