

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>Romero Christian</td> <td>10/23/2012</td> </tr> <tr> <td>Seung Wook Park</td> <td>10/23/2012</td> </tr> <tr> <td>Young Do Kwan</td> <td>10/24/2012</td> </tr> <tr> <td>Mi Jin Park</td> <td>10/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Romero Christian	10/23/2012	Seung Wook Park	10/23/2012	Young Do Kwan	10/24/2012	Mi Jin Park	10/23/2012
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Romero Christian	10/23/2012										
Seung Wook Park	10/23/2012										
Young Do Kwan	10/24/2012										
Mi Jin Park	10/23/2012										
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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>13664358</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13664358						
Property Type	Number										
Application Number:	13664358										
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This document serves as an Oath/Declaration (37 CFR 1.63).											
Total Attachments: 4 source=9237p081_DecAsgnPower_103012#page1.tif source=9237p081_DecAsgnPower_103012#page2.tif source=9237p081_DecAsgnPower_103012#page3.tif source=9237p081_DecAsgnPower_103012#page4.tif											

CH \$40.00 13664358

**DECLARATION, ASSIGNMENT, AND
POWER OF ATTORNEY FOR UTILITY
OR DESIGN PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing **OR** Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(f)) required)

Attorney Docket Number	009237.P081
First Named Inventor	Romero Christian
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

**ASYMMETRICAL MULTILAYER SUBSTRATE, RF MODULE, AND METHOD FOR
MANUFACTURING ASYMMETRICAL MULTILAYER SUBSTRATE**

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application,
OR
 United States Application Number or PCT International application number _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claim(s).

I am aware of the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for a continuation-in-part application, information material to patentability that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001), and may jeopardize the validity of the application or any patent issuing thereon. I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application

APPOINTMENT OF PATENT PRACTITIONERS:

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: **08791**

If this patent application is assigned, then each of the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between (1) the patent attorneys and patent agents and (2) each of the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by at least one of the undersigned

Direct all correspondence to: <input checked="" type="checkbox"/>	The address associated with Customer Number: 08791	OR	<input type="checkbox"/> Correspondence address below
Name			
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City Sunnyvale	State California	Zip 94085-4040	
Country U.S.A.	Telephone (408) 720-8300	Email MAIL@BSTZ.com	

ASSIGNMENT OF PATENT APPLICATION:

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the below-named inventor(s), 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 150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-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 above identified application and in and to said application 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 below named inventor(s).

DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application File*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

Legal Name of Sole or First Inventor:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Romero Christian

Inventor's Signature 	Date OCTOBER 23, 2012
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(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

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Inventor's Signature 	Date 2012. 10. 23
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DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application

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(E.g., Given Name (first and middle (if any)) and Family Name or Surname) PARK, Mi Jin			
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(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Inventor's Signature			Date
Residence: City	State	Country	
Mailing Address			
City	State	Zip	Country