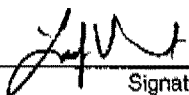


Recordation Form Cover Sheet PATENTS ONLY	
Attorney Docket No.: <u>8341P041</u>	
To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Byung Hoon RYOU, Won Mo SUNG, Gi Ho KIM, Jeong Keun JI Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	2. Name and address of receiving party(ies): Name: <u>EMW Co., Ltd.</u> Street Address: <u>680-3 Gojan-dong, Namdong-gu</u> City: <u>Incheon</u> State/Province: _____ Zip: <u>405-819</u> Country: <u>Republic of Korea</u>
3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____	Execution Date(s): <u>May 12, 2011</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>13/129,805</u> B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> <u>Sunnyvale, California 94085-4040</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41).....\$ <u>40</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)
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<u>Lester J. Vincent, Reg. No. 31,460</u> Name of Person Signing	 Signature
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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 8341P041

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Byung Hoon RYOU, Won Mo SUNG, Gi Ho KIM,
and Jeong Keun JI
 hereby sell, assign, and transfer to EMW Co., Ltd.

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

having a principal place of business at 680-3, Gojan-dong, Namdong-gu, Incheon 405-819,
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 may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

META MATERIAL ANTENNA USING COUPLING IN HELICAL STRUCTURE

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 13/129,805 filed May 17, 2011

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:

May. 12, 2011
Date


Signature

Byung Hoon RYOU
Printed/Typed Name

May. 12, 2011
Date


Signature

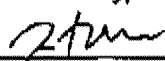
Won Mo SUNG
Printed/Typed Name

May. 12, 2011
Date


Signature

Gi Ho KIM
Printed/Typed Name

May 12, 2011
Date


Signature

Jeong Keun JI
Printed/Typed Name

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