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Attorney Docket No.: <u>8341P032</u>	
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1. Name of conveying party(ies): Byung Hoon RYOU, Won Mo SUNG, Kyung Duk JANG, and Wee Sang PARK 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): (1) 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> (2) Name: <u>Pohang University of Science Industry-Academy Cooperation</u> Street Address: <u>Pohang University Of Science and Technology, San31 Hyoja-dong, Nam-gu</u> City: <u>Pohang-si</u> State/Province: <u>Gyungbuk</u> Zip: <u>790-784</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>09.16.2010; 09.16.2010; 09.16.2010;</u> <u>and 09.16.2010;</u>	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>12/919,728</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: 1 7. Total Fee (37 CFR 3.41).....\$ <u>40.00</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
<u>March 21, 2011</u> Date	
Total number of pages including cover sheet, attachments, and documents: 3	

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 8341P032

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Byung Hoon RYOU, Won Mo SUNG, Kyung Duk JANG, and Wee Sang PARK hereby sell, assign, and transfer to (1) 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, and

(2) Pohang University of Science Industry-Academy Cooperation

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

having a principal place of business at Pohang University of Science and Technology, San31 Hyoja-dong, Nam-gu, Pohang-si, Gyungbuk 790-784, Republic of Korea

("Assignees"), and their 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

METAMATERIAL ANTENNA USING A MAGNETO-DIELECTRIC MATERIAL

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

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

United States Patent Application Number 12/919,728 filed August 26, 2010,





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 Assignees may apply for and receive a patent or patents for said inventions or improvements in their own names; and that, when requested, without charge to, but at the expense of, said Assignees, their 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 Assignees, their successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignees, their 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 Assignees, their successors, assigns, and legal representatives; and

covenant with said Assignees, their 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:

<u>Sep. 16</u> , 20 <u>10</u> Date	<u></u> Signature
	<u>Byung Hoon RYOU</u> Printed/Typed Name
<u>Sep. 16</u> , 20 <u>10</u> Date	<u></u> Signature
	<u>Won Mo SUNG</u> Printed/Typed Name
<u>Sep. 16</u> , 20 <u>10</u> Date	<u></u> Signature
	<u>Kyung Duk JANG</u> Printed/Typed Name
<u>Sep. 16</u> , 20 <u>10</u> Date	<u></u> Signature
	<u>Wee Sang PARK</u> Printed/Typed Name

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