

PATENT ASSIGNMENT

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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>Sang Gi HONG</td> <td>07/17/2012</td> </tr> <tr> <td>Nae-Soo KIM</td> <td>07/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sang Gi HONG	07/17/2012	Nae-Soo KIM	07/17/2012
Name	Execution Date						
Sang Gi HONG	07/17/2012						
Nae-Soo KIM	07/17/2012						
RECEIVING PARTY DATA							
Name:	Electronics and Telecommunications Research Institute						
Street Address:	161, Gajeong-dong, Yuseong-gu						
City:	Daejeon						
State/Country:	KOREA, REPUBLIC OF						
Postal Code:	305-350						
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>13590316</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13590316		
Property Type	Number						
Application Number:	13590316						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	PAN-145						
NAME OF SUBMITTER:	Steven M. Rabin						
Total Attachments: 2 source=PAN-145-Asgn#page1.tif source=PAN-145-Asgn#page2.tif							

OP \$40.00 13590316

1/07

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hong, Sang Gi of 101-503, Sanga Apt., Mannyeon-dong, Seo-gu, Daejeon, 302-739, Republic of Korea; KIM, Nae-soo of 104-1303, Boram Apt., Beob-dong, Daedeok-gu, Daejeon, 306-759, Republic of Korea, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

APPARATUS AND METHOD FOR PROCESSING SENSOR SIGNAL,

the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on

_____, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch, and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

the specification of which was filed under the Patent Cooperation Treaty on _____,

Serial No. _____, the United States of America being designated.

AND WHEREAS ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, this 17th day of July, 2012

WITNESSE:

Signature:

Name:

ASSIGNOR:

Signature

Name:

Hong Sang Gi

Hong, Sang Gi

WITNESSE:

Signature:

Name:

ASSIGNOR:

Signature

Name:

Nae-soo Kim

KIM, Nae-soo

RABIN & BERDO, P.C., Washington, D.C.