

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyun Ho CHOI</td> <td>03/04/2009</td> </tr> <tr> <td>Kyung Hun JANG</td> <td>03/04/2009</td> </tr> <tr> <td>Youngsoo KIM</td> <td>03/04/2009</td> </tr> <tr> <td>Chan Soo HWANG</td> <td>03/04/2009</td> </tr> <tr> <td>Hyo Sun HWANG</td> <td>03/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hyun Ho CHOI	03/04/2009	Kyung Hun JANG	03/04/2009	Youngsoo KIM	03/04/2009	Chan Soo HWANG	03/04/2009	Hyo Sun HWANG	03/04/2009
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Chan Soo HWANG	03/04/2009												
Hyo Sun HWANG	03/04/2009												
RECEIVING PARTY DATA													
Name:	SAMSUNG ELECTRONICS CO., LTD.												
Street Address:	416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742												
City:	Suwon-si												
State/Country:	REPUBLIC OF KOREA												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12400193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12400193								
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Application Number:	12400193												
CORRESPONDENCE DATA													
Fax Number:	(202)478-1813												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2024293789												
Email:	charles@mbiplaw.com												
Correspondent Name:	Charles Y. Park												
Address Line 1:	1156 15th St NW Suite 603												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005												
ATTORNEY DOCKET NUMBER:	12000.SMG.0185												
NAME OF SUBMITTER:	Charles Y. Park												
Total Attachments: 7 source=AssignmentSMG185#page1.tif													

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ASSIGNMENT

For valuable consideration, we,

Hyun Ho CHOI	No. 942-104, Byenkjeokgol 9 Danji Apt., Yeongtong 2-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-726, Republic of Korea
Kyung Hun JANG	No. 102-505, Dongsuwon LG Village 1-cha Apt., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-706, Republic of Korea
Youngsoo KIM	No. 3-807, Sang-a Apt., Samseong-dong, Gangnam-gu, Seoul 135-090, Republic of Korea
Chan Soo HWANG	394 Seocheon-dong, Giheung-gu, Yongin-si, Gyeonggi-do 446-906, Republic of Korea
Hyo Sun HWANG	No. 11-606, Woosung Apt., Jeonong 3-dong Dongdaemun-gu, Seoul 130-771, Republic of Korea

hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea corporation

having principal executive offices at:

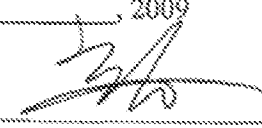
416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12,400,193 filed 03/09/2009 at the U.S. Patent & Trademark Office signed by us, with title COGNITIVE RADIO COMMUNICATION TERMINAL AND METHOD FOR DETECTING COLLISION USING FEATURE DETECTION, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all

United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal this 4th day of March, 2009

Signature: _____


Hyun Ho CHOI

City of Seoul, Gyeonggi-do :

Country of Rep. of Korea :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 4th day of
March, 2009

Signature: _____



Kyung Hun JANG

City of Suwon, Gyeonggi-do

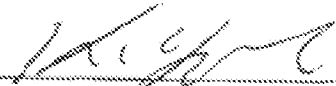
:

Country of Rep. of Korea :

Before me this _____ day of _____, 2009, personally appeared
knows to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 4th day of March, 2009

Signature: 
Youngsoo KIM

City of Seoul :

Country of Rep. of Korea :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 4th day of
March, 2009

Signature: 
Chan Soo HWANG

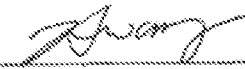
City of Yongin, Gyeonggi-do

Country of Rep. of Korea :

Before me this _____ day of _____, 2009, personally appeared
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acknowledged that they executed the same as his free act and deed for the purposes therein
contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 12th day of March, 2009

Signature: 
Hyo Sun HWANG

City of Seoul :

Country of Rep. of Korea :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public