

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2716559

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>HUY DUNG HAN</td> <td>12/14/2013</td> </tr> <tr> <td>AKIRA ITO</td> <td>12/17/2013</td> </tr> <tr> <td>CHENXI ZHU</td> <td>12/12/2013</td> </tr> <tr> <td>DORIN VIOREL</td> <td>01/21/2014</td> </tr> </tbody> </table>		Name	Execution Date	HUY DUNG HAN	12/14/2013	AKIRA ITO	12/17/2013	CHENXI ZHU	12/12/2013	DORIN VIOREL	01/21/2014
Name	Execution Date										
HUY DUNG HAN	12/14/2013										
AKIRA ITO	12/17/2013										
CHENXI ZHU	12/12/2013										
DORIN VIOREL	01/21/2014										
RECEIVING PARTY DATA											
Name:	FUJITSU LIMITED										
Street Address:	1-1 KAMIKODANAKA 4-CHOME, NAKAHARA-KU										
City:	KAWASAKI-SHI, KANAGAWA										
State/Country:	JAPAN										
Postal Code:	211-8588										
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>14109650</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14109650						
Property Type	Number										
Application Number:	14109650										
CORRESPONDENCE DATA											
Fax Number:	(435)252-1361										
Phone:	435-252-1360										
Email:	jwoodward@mabr.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	R. BURNS ISRAELSEN/MASCHOFF BRENNAN										
Address Line 1:	1389 CENTER DRIVE										
Address Line 2:	SUITE 300										
Address Line 4:	PARK CITY, UTAH 84098										
ATTORNEY DOCKET NUMBER:	F1423.10140US02										
NAME OF SUBMITTER:	R. BURNS ISRAELSEN										

Signature:	/R. Burns Israelsen/ Reg.# 42,685
Date:	02/06/2014
Total Attachments: 4 source=F1423-10140US02-Assignment-Han#page1.tif source=F1423-10140US02-Assignment-Ito#page1.tif source=F1423-10140US02-Assignment-Viorel#page1.tif source=F1423-10140US02-Assignment-Zhu#page1.tif	

### U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

**FUJITSU LIMITED**

**1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan**

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

### WIRELESS COMMUNICATION PRECODER DETERMINATION

relating to International Patent Application PCT/JP \_\_\_/\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on December 17, 2013

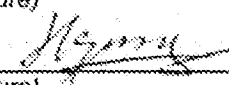
Serial No 14/109,650

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)")

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

- 1) \_\_\_\_\_ Chenxi ZHU \_\_\_\_\_  
(Signature) (Type Name) (Date)
- 2) \_\_\_\_\_ Dorin VIOREL \_\_\_\_\_  
(Signature) (Type Name) (Date)
- 3)  \_\_\_\_\_ HuyDung HAN 12/19/2013  
(Signature) (Type Name) (Date)
- 4) \_\_\_\_\_ Akira ITO \_\_\_\_\_  
(Signature) (Type Name) (Date)

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1)	_____	Chenxi ZHU	_____
	(Signature)	(Type Name)	(Date)
2)	_____	Dorin VIOREL	_____
	(Signature)	(Type Name)	(Date)
3)	_____	Huy Dung HAN	_____
	(Signature)	(Type Name)	(Date)
4)	<u>Akira Ito</u>	Akira ITO	<u>12/17/2013</u>
	(Signature)	(Type Name)	(Date)



Attorney Docket No.: F1423.10140US02

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1)	_____	Chenxi ZHU	_____
	<i>(Signature)</i>	<i>(Type Name)</i>	<i>(Date)</i>
2)	<u>D.V.</u>	Dorin VIOREL	<u>Jan 21<sup>st</sup> 2014</u>
	<i>(Signature)</i>	<i>(Type Name)</i>	<i>(Date)</i>
3)	_____	Huy Dung HAN	_____
	<i>(Signature)</i>	<i>(Type Name)</i>	<i>(Date)</i>
4)	_____	Akira ITO	_____
	<i>(Signature)</i>	<i>(Type Name)</i>	

