502678600 02/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2725207

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YAN ZHOU	07/05/2011
FARHAD MESHKATI	07/06/2011
VINAY CHANDE	07/31/2011
MEHMET YAVUZ	07/25/2011

RECEIVING PARTY DATA

Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14179060	

CORRESPONDENCE DATA

 Fax Number:
 (858)658-2502

 Phone:
 858-845-2505

Email: us-docketing@qualcomm.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DRIVE

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	102282D1
NAME OF SUBMITTER:	CHRISTINE MOLLA
Signature:	/Christine Molla/

502678600 REEL: 032207 FRAME: 0793

PATENT

Total Attachments: 12 source=102282D1_Assignment-2-12-14#page1.tif source=102282D1_Assignment-2-12-14#page2.tif source=102282D1_Assignment-2-12-14#page3.tif source=102282D1_Assignment-2-12-14#page4.tif source=102282D1_Assignment-2-12-14#page5.tif source=102282D1_Assignment-2-12-14#page6.tif source=102282D1_Assignment-2-12-14#page7.tif source=102282D1_Assignment-2-12-14#page8.tif source=102282D1_Assignment-2-12-14#page9.tif source=102282D1_Assignment-2-12-14#page10.tif source=102282D1_Assignment-2-12-14#page10.tif	Date:	02/12/2014
source=102282D1_Assignment-2-12-14#page11.tif	source=102282D1_Assignment-2-12-14#pagsource=102282D1_Assignment-2-12-	ge2.tif ge3.tif ge4.tif ge5.tif ge6.tif ge7.tif ge8.tif ge9.tif ge9.tif ge10.tif

WHEREAS, WE,

- 1. Yan Zhou, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121, and a resident of San Diego, California, US,
- 2. Farhad Meshkati, a citizen of Canada, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121, and a resident of San Diego, Californa, US,
- 3. Vinay Chande, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121, and a resident of San Diego, Californa, US,
- 4. Mehmet Yavuz, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121, and a resident of San Diego, California, US,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN FEMTOCELL DEPLOYMENTS (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, QUALCOMM Incorporated (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/171,091 filed June 28, 2011, Qualcomm Reference No. 102282, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/359,762 filed June 29, 2010, Qualcomm Reference No. 102282P1, together with U.S. Provisional Application No(s). 61/387,359 filed September 28, 2010, Qualcomm Reference No. 102282P2 (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the

United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance:

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

Done at, on	Done at	San Diepo	on 07/	es /v/1	722
Done at, on	ry contract	LOCATION	DA	TE	Yan Zhou
Done at, on	Done at		, on		
LOCATION DATE Vinay Chande Done at, on	~		DA	TE	Farhad Meshkati
LOCATION DATE Vinay Chande Done at, on					
Done at, on	Done at		, on		
		LOCATION	DA	TE	Vinay Chande
	Down at		Δ'n		
	Done at	LOCATION		TF	Mehmet Yavuz

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- 4. Mehmet Yavuz, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121, and a resident of San Diego, Californa, US,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN FEMTOCELL DEPLOYMENTS (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, QUALCOMM Incorporated (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/171,091 filed June 28, 2011, Qualcomm Reference No. 102282, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/359,762 filed June 29, 2010, Qualcomm Reference No. 102282P1, together with U.S. Provisional Application No(s). 61/387,359 filed September 28, 2010, Qualcomm Reference No. 102282P2 (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the

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AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

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AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

Done at		, on	
-	LOCATION	DATE	Yan Zhou
Done at	San Diego	on 7/6/2011 DATE	Farhad Meshkati
	ECCATION	DATE	A di Ram IVICOINI
Done at	·	, on	
	LOCATION	DATE	Vinay Chande
Done at		, on	
•••	LOCATION	DATE	Mehmet Yavuz

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	LOCATION	DATE	Yan Zhou
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Done at	LOCATION	DATE	Farhad Meshkati
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	LOCATION	DATE	Vinay Chande
Done at	· · · · · · · · · · · · · · · · · · ·	on	
COME GO	LOCATION	DATE	Mehmet Yavuz

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Done at		, on	
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Done at		, on	
	LOCATION	DATE	Vinay Chande
Done at _	San Diego LOCATION	on 7/25/2011	
	LOCATION	DATE	Mehmet Yavuz

PATENT REEL: 032207 FRAME: 0806

RECORDED: 02/12/2014