PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Masato Kitazoe	01/21/2009
Nathan Edward Tenny	01/22/2009
Francesco Grilli	01/16/2009

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13467667	

CORRESPONDENCE DATA

Fax Number: (858)658-2502 Phone: 8586582389

Email: US-Docketing@Qualcomm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: QUALCOMM Incorporated Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121-1714

ATTORNEY DOCKET NUMBER:	080542C1
NAME OF SUBMITTER:	Judy Bridgwater

Total Attachments: 6

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PATENT REEL: 028182 FRAME: 0722 13467667

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> PATENT REEL: 028182 FRAME: 0723

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

- 1. Masato Kitazoe, a citizen of Japan, having a place of residence at 2-60-7 Kamiyugi, Hachiouji-shi, Tokyo, 192 0373, Japan;
- 2. Nathan Edward Tenny, a citizen of the United States of America, having a place of residence at 11025 Beeler Canyon Road, Poway, California, 92064, United States of America; and
- 3. Francesco Grilli, a citizen of the United States of America, having a place of residence at 8686 Nottingham Place, La Jolla, California, 92037, United States of America:

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to SYSTEM INFORMATION MODIFICATION NOTIFICATION AND DETECTION IN WIRELESS COMMUNICATIONS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 8, 2009, assigned Application Number 12/350,832, including, without limitation, all provisional patent applications, including Provisional Application Number 61/020,705 filed on January 11, 2008, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

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PATENT REEL: 028182 FRAME: 0724 The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Tokyo, Japan this 2/st day of January, 2009.	
	m. Artaziel
,	Masato Kitazoe
Done at San Diego, California this	day of, 2009.
	Nathan Edward Tenny
Done at San Diego, California this	day of, 2009.
	Francesco Grilli

ASSIGNMENT

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have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to SYSTEM INFORMATION MODIFICATION NOTIFICATION AND DETECTION IN WIRELESS COMMUNICATIONS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 8, 2009, assigned Application Number 12/350,832, including, without limitation, all provisional patent applications, including Provisional Application Number 61/020,705 filed on January 11, 2008. and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

Page 1 of 2

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Tokyo, Japan this day	y of, 200	09.	
	Masato Kit	azoe	
Done at San Diego, California this	day of Janhar	, 2909,	
	Nathan Edv	ward Tenny	
and the second second second			
# 1			
Done at San Diego, California this _	day of	, 2009.	
	Francesco (

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

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- 3. Francesco Grilli, a citizen of the United States of America, having a place of residence at 8686 Nottingham Place, La Jolla, California, 92037, United States of America; have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or

assigns, the entire right, title and interest in and to a certain invention relating to SYSTEM INFORMATION MODIFICATION NOTIFICATION AND DETECTION IN WIRELESS COMMUNICATIONS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 8, 2009, assigned

Application Number 12/350,832, including, without limitation, all provisional patent applications, including Provisional Application Number 61/020,705 filed on January 11, 2008, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and

Page 1 of 2

enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Tokyo, Japan this day	y of, 2009.
	Masato Kitazoe
Done at San Diego, California this	day of, 2009.
	Nathan Edward Tenny
Done at San Diego, California this	16 day of JAN., 2009.
	from Grilli
	Francesco Grilli