# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

# **CONVEYING PARTY DATA**

Name	Execution Date
Chandrasekhar Therazhandur Sundarraman	01/13/2009
Nikolai Konrad NepomucenoLeung	01/13/2009

# **RECEIVING PARTY DATA**

Name:	QUALCOMM Incorporated	
Street Address:	5775 Morehouse Drive	
Internal Address:	Patent Department/ Central Administration	
City:	San Diego	
State/Country:	CALIFORNIA	
Postal Code:	92121	

# PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12353183	

#### **CORRESPONDENCE DATA**

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

Phone: 858-845-4265

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Correspondent Name: QUALCOMM INCORPORATED

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Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	080555
NAME OF CURMITTER:	Olivio Erigo

Total Attachments: 4

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PATENT REEL: 022101 FRAME: 0183

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PATENT REEL: 022101 FRAME: 0184

# 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. Chandrasekhar Therazhandur Sundarraman, a citizen of India, having a place of residence at 11856 Scripps Creek Drive #C, San Diego, CA, 92131, USA; and
- 2. Nikolai Konrad NepomucenoLeung, a citizen of the United States, having a place of residence at 7710 Takoma Ave, Takoma Park, MD, 20912-4126, US;

residence at 7710 Taxoma Ave, Taxoma Park, WD, 20912-4120, US;
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 EFFICIENT
INTERWORKING BETWEEN CIRCUIT-SWITCHED AND PACKET-SWITCHED
MULTIMEDIA SERVICES by us devised and the application for United States Patent therefore
filed in the United States Patent and Trademark Office on, assigned Application
Number (and we hereby authorize and instruct QUALCOMM Incorporated to
hereafter complete this Assignment by inserting the filing date and serial number in the space
provided when known), including, without limitation, all provisional patent applications,
including Provisional Application Number 61/020,982 filed on January 14, 2008 and ], and
Provisional Application Number 61/021,163 filed on January 15, 2008 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.

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 San Diego, California this 13 day of 14947, 2009.	
	1 Silver
	Chandrasekhar Therazhandur Sundarraman
Done at Takoma Park, Maryland this	day of, 2009.
	ACT A TOSC A TOTAL NATION AND A TOTAL AND
	Nikolai Konrad Nepomuceno Leung

# 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. Chandrasekhar Therazhandur Sundarraman, a citizen of India, having a piace of residence at 11856 Scripps Creek Drive #C, San Diego, CA, 92131, USA; and
- 2. Nikolai Konrad NepomucenoLeung, a citizen of the United States, having a place of residence at 7710 Takoma Ave, Takoma Park, MD, 20912-4126, US; 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 EFFICIENT INTERWORKING BETWEEN CIRCUIT-SWITCHED AND PACKET-SWITCHED MULTIMEDIA SERVICES by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on \_\_\_\_\_\_\_, assigned Application Number \_\_\_\_\_\_ (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space

provided when known), including, without limitation, all provisional patent applications, including Provisional Application Number 61/020,982 filed on January 14, 2008 and ], and Provisional Application Number 61/021,163 filed on January 15, 2008 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.

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 San Diego, California this 13 m day of \_\_\_\_\_\_\_\_\_, 2009.

Done at Takoma Park, Maryland this 13m day of 1AUVAR 2009.

Nikolai Konrad Nepomuceng Leung

Chandrasekhar Therazhandur Sundarraman