Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKOLAI KONRAD NEPOMUCENOLEUNG	01/12/2009
GURNEEN KAUR KHANUJA	01/27/2009

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: 12349386	

CORRESPONDENCE DATA

Fax Number: (858)658-2502

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

Phone: 858-845-4265

Email: us-docketing@qualcomm.com
Correspondent Name: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DR.

Address Line 2: Patent Department/ Central Administratio

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 081369

NAME OF SUBMITTER: Olivia Frias

Total Attachments: 4

500764434

source=081369_2009-01-27_Assignment_Signed#page1.tif

PATENT
REEL: 022161 FRAME: 0421

125435

CT \$40.

source=081369_2009-01-27_Assignment_Signed#page2.tif source=081369_2009-01-27_Assignment_Signed#page3.tif source=081369_2009-01-27_Assignment_Signed#page4.tif

PATENT REEL: 022161 FRAME: 0422

PATENT Attorney Dock A No. 081369

ASSIGNMENT

TO WHOM IT MAY CONCERN:

for said invention in all countries.

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. Nikolai Konrad NepomucenoLeung, a citizen of the United States, having a place of residence at 7710 Takoma Ave., Takoma Park, MD, 20912-4126, USA; and
- Gurneen Kaur Khanuja, a citizen of the India, having a place of residence at 101, Ranisati Apartment 2B-Prem nagar, Manik Bagh Road, Indore - 452009, M.P. India 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 VIDEO REFRESH ADAPTATION ALGORITHMS RESPONSIVE TO ERROR FEEDBACK 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 61/043,005 filed on APRIL 07, 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

Page 1 of 2

PATENT Attorney Docket No. 081369

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 Takoma Park, Maryland this 12 day of 14 units 2004
neng
Nikolai Konrad NepomucenoLeung
Done at Madhya Pradesh, India this day of, 2008.
Gurneen Kaur

ASSIGNMENT

TYY	MOH	TT M	ΔN	CONT	L'EN.
2 4 7 7 7 7	1117711	E C IVI.	CX 4		LIVIN

for said invention in all countries.

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. Nikolai Konrad NepomucenoLeung, a citizen of the United States, having a place of
residence at 7710 Takoma Ave., Takoma Park, MD, 20912-4126, USA; and
2. Gurneen Kaur Khanuja, a citizen of the India, having a place of residence at 101, Ranisati
Apartment 2B-Prem nagar, Manik Bagh Road, Indore - 452009, M.P., India
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 VIDEO
REFRESH ADAPTATION ALGORITHMS RESPONSIVE TO ERROR FEEDBACK
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 61/043,005 filed on APRIL 07, 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

PATENT Attorney Docker No. 081369

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 Takoma Park, Maryland this	day of
·	Nikolai Konrad NepomucenoLeung
Done át Mádhya Pradesh, India this 🎉	day of <u>FASS</u> . 2009.
	<u> </u>
	Gilmeen Kain Khanuja

Page 2 of 2

PATENT REEL: 022161 FRAME: 0426