

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH P. ODENWALDER	04/01/1997
FRANKLIN P. ANTONIO	04/24/1997
EDWARD G. TIEDEMANN JR.	04/01/1997
YU-CHEUN JOU	04/01/1997
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM INCORPORATED
<b>Street Address:</b>	6455 LUSK BLVD.
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	6298051
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	c_jkalra@qualcomm.com
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED
<b>Address Line 1:</b>	5775 MOREHOUSE DR
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>NAME OF SUBMITTER:</b>	JAIDEV KALRA
<b>SIGNATURE:</b>	/JAIDEV KALRA/
<b>DATE SIGNED:</b>	05/22/2017
<b>Total Attachments: 4</b>	
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## 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, **JOSEPH P. ODENWALDER**, a citizen of the United States of America having a place of residence at 14967 Rancho Real, Del Mar, California 92014; **FRANKLIN P. ANTONIO**, a citizen of the United States of America having a place of residence at 10759 Caminito Alvarez, San Diego, California 92126; **EDWARD G. TIEDEMANN, JR.**, a citizen of the United States of America having a place of residence at 4350 Bromfield Avenue, San Diego, California 92122; and **YU-CHEUN JOU**, a citizen of Republic of China having a place of residence at 9979 Riverhead Drive, San Diego, California 92129, 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 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **HIGH-DATA-RATE SUPPLEMENTAL CHANNEL FOR CDMA TELECOMMUNICATIONS SYSTEM** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on January 15, 1997, and assigned Serial No. 08/784,281, and all original and reissue patents granted thereof, 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

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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 1 day of APRIL, 1997.

Joseph P. Odenwalder  
JOSEPH P. ODENWALDER

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

On April 1, 1997 before me, the undersigned, a Notary Public in and for said State, personally appeared JOSEPH P. ODENWALDER, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Danielle M Lagnado  
Notary Public

(seal)



Done at San Diego, California this 24 day of April, 1997.

*[Handwritten Signature]*

FRANKLIN P. ANTONIO

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

On April 24, 1997 before me, the undersigned, a Notary Public in and for said State, personally appeared FRANKLIN P. ANTONIO, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

*[Handwritten Signature]*

Notary Public

(seal)



Done at San Diego, California this 1 day of April, 1997.

*[Handwritten Signature]*

EDWARD G. TIEDEMANN, JR.

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SAN DIEGO )

On April 1, 1997 before me, the undersigned, a Notary Public in and for said State, personally appeared EDWARD G. TIEDEMANN, JR., personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

*[Handwritten Signature]*

Notary Public

(seal)



