FORM PROPERTY IN THE	10-01-2003	U.S. Department of Commerce
im	10-01-200-	Patent and Trademark Office PATENT
FORM FIXED BUBLIC RECORDS 1 203 SEP 29 PM 6: 29 RE FINANCE SECTION TO: The Commissioner of Patents and Trademarks:		T
FINANCE SECTION	102563226	Attorney Docket No.: 020710B1
TO: The Commissioner of Patents and Trademarks:	Please record the attached original doc	ument(s) or copy(ies).
Submission Type	Conveyance Ty	pe
\boxtimes New $9-2$	Assignment	
Resubmission (Non-Recordation)	☐Change of Na:	me
Document ID No.	License	
Correction of PTO Error	☐Merger	
Reel No. Frame No.	Security Agre	ement
Corrective Document	Other:	
Reel No. Frame No.		
Conveying Party(ies)	✓ Mark if additional names	
NAME		EXECUTION DATE
1.0 :11.0		Month, Day, Year (MMDDYYYY)
1. David J. Ross		08152003
2. Jason B. Kenagy		08122003
3. Jin Dai		09062003
4. Tia M. Cassett		08122003
Receiving Party	☐ Mark if additional name	s are attached
Name: QUALCOMM Incorporated		
A Delaware Corporation	Sanah anna Daine	
Address (Street number and name): 5775 M. Address (City, State, Zip Code): San Die	ego, California, 92121-1714	
Correspondent Name and Address	ego, Camornia, 92121-1714	
Name: QUALCOMM Incorporated	,	Telephone Number: (858) 658-5787
Attn: Patent Department		Facsimile: (858) 658-2502
Address: 5775 Morehouse Drive	•	(050) 050 2502
Address: San Diego, California 92121-1714		
Pages (Enter the total number of pages of the	attached conveyance document inclu	ding any attachments)
Total number of pages: 12		
	ication Number(s) or Patent Numb	
If this document is being filed together with Patent Application Number(s):	Patent Numl	
1. 10/413,702	1.	Der(s):
2.	2.	
3.	3.	
4.	4.	
Patent Cooperation Treaty (PCT)	I	
(Enter only if a U.S. Application Number has r	not been assigned)	
(Enter only if a U.S. Application Number has r 1. PCT/	3. PCT/	
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/	3. PCT/ 4. PCT/	
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number	3. PCT/ 4. PCT/	
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1	3. PCT/ 4. PCT/ r of properties involved)	41), \$40,00
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Fee Amount	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4	41): \$40.00
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: ☐ Enclosed ☑ Depo	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account	
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Deport Deports Deport Deports Deport Deports De	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account	\$1): \$40.00 account. A duplicate of this sheet is enclosed
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Deport (Enter for payment by deposit account or if a for fee processing)	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the	
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: ☐ Enclosed ☑ Deport (Enter for payment by deposit account or if a for fee processing) Deposit Amount	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026	account. A duplicate of this sheet is enclosed
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: ☐ Enclosed ☑ Deport (Enter for payment by deposit account or if a for fee processing) Deposit Amount	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the	account. A duplicate of this sheet is enclosed
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 action to charge additional fees: Y the foregoing information is true as	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 action to charge additional fees: Y the foregoing information is true as	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to define the state of the	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Y the foregoing information is true and the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized.	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to deposit September 26, 2003	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Y the foregoing information is true and the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized.	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit ∴ Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to deposit in the copy of the original document.	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Y the foregoing information is true and the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized.	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r. 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: ☐ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to deposit account.	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Y the foregoing information is true and the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized.	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to d Date: September 26, 2003 Name: Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Ye he foregoing information is true at leposit account are authorized, as a Signature:	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Method of Payment: ☐ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to deposit account. Date: September 26, 2003 Name: Robert J. O'Connell, Reg. No. 44,265	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Y the foregoing information is true and the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized, as a second contract of the account are authorized.	account. A duplicate of this sheet is enclosed es
(Enter only if a U.S. Application Number has r 1. PCT/ 2. PCT/ Number of Properties (Enter the total number Total number of properties: 1 Fee Amount Fee Amount Method of Payment: □ Enclosed ☑ Depo (Enter for payment by deposit account or if a for fee processing) Deposit Authoriz Statement and Signature To the best of my knowledge and belief, t copy of the original document. Charges to d Date: September 26, 2003 Name: Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361	3. PCT/ 4. PCT/ r of properties involved) t for Properties Listed (37 CFR 3.4 osit Account additional fees can be charged to the Account Number: 17-0026 cation to charge additional fees: Ye he foregoing information is true at leposit account are authorized, as a Signature:	account. A duplicate of this sheet is enclosed es

(TRANSASSIGN.VER1.9-07/30/03)

REEL: 014534 FRAME: 0885

Name:

Address (Street number and name):

Address (City, State, Zip Code):

Application Number(s) or Patent Number(s)		
Patent Application Number(s): Patent Number(s):		
_		
5.	5.	
6.	6.	
7.	7.	
8.	8.	
9.	9.	

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, DAVID J. ROSS, a citizen of the United States, having a place of residence at 4008 Lago di Grata Circle, San Diego, California 92130, JASON B. KENAGY, a citizen of the United States, having a place of residence at 3360 Dale Street, San Diego, California 92104, JIN DAI, a citizen of the United States, having a place of residence at 11270 Pepperview Terrace, San Diego, California 92131, TIA M. CASSETT, a citizen of the United States, having a place of residence at 4817 Fairport Way, San Diego, California 92130, DANIEL H. AGRE, a citizen of the United States, having a place of residence at 12750 Torrey Bluffs Drive, #65, San Diego, California 92130, MAZEN CHMAYTELLI, a citizen of Lebanon, having a place of residence at 2913 Denver Street, San Diego, California 92117, ARNE CROIZAT JOSEPH MORTENSEN, a citizen of the United States, having a place of residence at 10721 Oakbend Drive, San Diego, California 92131, RAVINDER CHANDHOK, a citizen of the United States, having a place of residence at 14339 Bend Tree Court, Poway, California 92064; PATRICK TIERNEY, a citizen of the United States, having a place of residence at 4153 Tynebourne Circle, San Diego, California 92130, PAUL M. SECKENDORF, a citizen of the United States, having a place of residence at 3947 Lago di Grata Circle, San Diego, California 92130, and MO IP, a citizen of Canada, having a place of residence at 4448 Cather Avenue, San Diego, California 92122, 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 whole right, title and interest in and to a certain invention relating to:

REMOTE INTERACTION WITH A WIRELESS DEVICE RESIDENT DIAGNOSTIC INTERFACE ACROSS A WIRELESS NETWORK

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on April 15, 2003, and assigned Serial No. 10/413,702, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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 corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

1 of 3

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			
	DAVID J. ROSS	025	15 Aug 03
	DAVID J. RO\$S		
Done at San Diego, California this _	day of	_, 2003.	
	JASON B. KENAG	Y	
Done at San Diego, California this _	day of	_, 2003.	
	JIN DAI		
Done at San Diego, California this _	day of	_, 2003.	
	TIA M. CASSETT		
Done at San Diego, California this _	day of	_, 2003.	
	DANIEL H. AGRE	•	

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 day of, 2003.
DAVID J. ROSS
Done at San Diego, California this 12th day of August, 2003.
JASÓN B. KENAGY
Done at San Diego, California this day of, 2003.
JIN DAI
Done at San Diego, California this day of, 2003.
TIA M. CASSETT
Done at San Diego, California this day of, 2003.

DANIEL H. AGRE

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 _	day of	, 2003.	
	DAVID J. ROSS	·····	
Done at San Diego, California this _	day of	, 2003.	
	JASON B. KENA	GY	
Done at San Diego, California this _	May of SAA	mbr 2003.	
Done at San Diego, California this _		, 2003.	
	TIA M. CASSET	T	
Done at San Diego, California this _	day of	, 2003.	
	DANIEL H. AGI	RE	

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent may be granted for said invention or any part thereof unto said corporation in keeping with ssignment.
Done at San Diego, California this day of, 2003.
DAVID J. ROSS
Done at San Diego, California this day of, 2003.
JASON B. KENAGY
Done at San Diego, California this day of, 2003.
JIN DAI
Done at San Diego, California this 12n day of Myst, 2003.
TIA M. CASSETT

DANIEL H. AGRE

2 of 3

Done at San Diego, California this _____ day of ______, 2003.

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	day of	_, 2003.
	DAVID J. ROSS	
Done at San Diego, California this _	day of	_, 2003.
	JASON B. KENAGY	7
Done at San Diego, California this _	day of	., 2003.
	JIN DAI	
Done at San Diego, California this _	day of	, 2003.
	TIA M. CASSETT	
Done at San Diego, California this _	12TH day of August	, 2003. Dan
	DANIEL H. AGRE	

Done at San Diego, California this 12 day of $40605T$, 2003.			
	MAZEN CHMAYT		
	WAZEN CHWAT &	ELDI	
Done at San Diego, California this _	day of	_, 2003.	
	ADNE CDOIZAT I	OCEDU MODTENICENI	
	ARNE CROIZAT J	OSEPH MORTENSEN	
Done at San Diego, California this _	day of	_, 2003.	
	DAMANDED CHAN	DHOK	
	RAVINDER CHAN	DHOK	
Done at San Diego, California this _	day of	_, 2003.	
	PATRICK TIERNE	V	
	TATRICK HERVE	1	
Done at San Diego, California this _	day of	_, 2003.	
	PAUL M. SECKENI	DORF	
Done at San Diego, California this _	day of	_, 2003.	
	MO IP		

Done at San Diego, California this _	day of	, 2003.
	MAZEN CHMAYTE	LLI
Done at San Diego, California this _	day of	, 2003.
	ARNE CROIZAT JO	SEPH MORTENSEN
Done at San Diego, California this _	13 ^{LL} day of <u>AUGUST</u>	, 2003.
	RAVINDER CHAND	РНОК
Done at San Diego, California this _	day of	, 2003.
	PATRICK TIERNEY	Y
Done at San Diego, California this _	day of	, 2003.
	PAUL M. SECKENI	OORF
Done at San Diego, California this _	day of	, 2003.
	MO IP	

Done at San Diego, California this _	day of	, 2003.
	MAZEN CHMA	AYTELLI
Done at San Diego, California this _	day of	, 2003.
	ARNE CROIZA	AT JOSEPH MORTENSEN
Done at San Diego, California this _	12 day of Age	<u>15 k</u> , 2003.
	RAVINDER CI	HANDHOK
Done at San Diego, California this _	day of	, 2003.
	PATRICK TIE	RNEY
Done at San Diego, California this _	day of	, 2003.
	PAUL M. SECI	KENDORF
Done at San Diego, California this _	day of	, 2003.
	MO IP	

Done at San Diego, California this _	day of	_, 2003.
	MAZEN CHMAYT	ELLI
Done at San Diego, California this _	day of	_, 2003.
	ARNE CROIZAT JO	OSEPH MORTENSEN
Done at San Diego, California this _	day of	_, 2003.
	RAVINDER CHAN	DHOK
Done at San Diego, California this _	12 day of Augus 7	_, 2003.
	PATRICK TIERNE	
Done at San Diego, California this _	day of	_, 2003.
	PAUL M. SECKENI	OORF
Done at San Diego, California this _	day of	., 2003.
	MO IP	

Done at San Diego, California this _	day of	_, 2003.
	MAZEN CHMAYTI	ELLI
Done at San Diego, California this _	day of	_, 2003.
	ARNE CROIZAT JO	OSEPH MORTENSEN
Done at San Diego, California this _	day of	_, 2003.
	RAVINDER CHANI	ОНОК
Done at San Diego, California this _	day of	_, 2003.
	PATRICK TIERNE	Y
Done at San Diego, California this (Janley Schen	., 2003.
Done at San Diego, California this _	PAUL M. SECKENI	., 2003.
	MO IP	

Done at San Diego, California this _	day of	, 2003.
	MAZEN CHMA	YTELLI
Done at San Diego, California this _	day of	, 2003.
	ARNE CROIZA	Г JOSEPH MORTENSEN
Done at San Diego, California this _	day of	, 2003.
RAVINDER CHANDHOK		
Done at San Diego, California this _	day of	, 2003.
PATRICK TIERNEY		
Done at San Diego, California this _	day of	, 2003.
	PAUL M. SECKI	
Done at San Diego, California this L		2, 2003.
	MO IP	V