	858-845-2550	T-370 P. 002/003 U.S. Department of Comm
ORM PTO-1619A/B		Patent and Trademark Off PATENT
RECORDATIO	ON FORM COVER SHEET	
	ATENTS ONLY	y Docket No.: 050003
O: The Commissioner of Patents and Trademarks: Please rec	cord the attached original document(s) or co	ppy(ies).
	Conveyance Type	
bbmission Type ⊠New	⊠Assignment	
New Resubmission (Non-Recordation)	Change of Name	
Document ID No.	Lícensc	
Correction of PTO Error	Merger	
Reel No. Frame No.	Security Agreement	
Corrective Document	Liomer:	
Recl No. Frame No.	Mark if additional names are attache	
Collagang I architem	_	EXECUTION DATE
NAME	M	lonth, Day, Year (MMDDYY
a " NT 1	02/	02/2006
i. Sanjiv Nanda		
2.		
3.		
4. Receiving Party	Mark if additional names are attach	ed
Name: QUALCOMM Incorporated		
A Delaware Corporation		
Address (Street number and name): 5775 Morehouse	e Drive	
Address (City, State, Zip Code): San Diego, Cali	ifornia, <u>9212</u> 1-1714	<u> </u>
Correspondent Name and Address	Tolonhana	Number: (858) 658-5787
Name: QUALCOMM Incorporated	Totchnone	(858) 658-2502
	Maccidal Dr.	[\(\)
Atm: Patent Department	Facsimile:	(856)
Address: 5775 Morchouse Drive	Facsimile:	(858) 030-2302
Address: 5775 Morchouse Drive		
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached		
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages:	conveyance document including any at	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a	conveyance document including any at Number(s) or Patent Number(s) application, the execution date of the s	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s):	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application North Application Number(s):	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1.	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554	Conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the : Patent Number(s): 1.	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application North Application Number(s):	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the : Patent Number(s): 1.	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4.	Conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the : Patent Number(s): 1.	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Note that Application Number (s): 1. 11/243,554 2. 3. 4. Pagent Cooperation Treaty (PCT)	Number(s) or Patent Number(s) pplication, the execution date of the second Patent Number(s): 1. 2. 3. 4.	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been	Number(s) or Patent Number(s) pplication, the execution date of the second Number(s): 1. 2. 3. 4. assigned)	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1, PCT/	Number(s) or Patent Number(s) pplication, the execution date of the series Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes and Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of prop	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1, PCT/ 2. PCT/ Number of Properties (Enter the total number of prop Total number of properties:	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ perties involved)	tachments)
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of prop Total number of properties: Fee Amount for Pr	Number(s) or Patent Number(s) pplication, the execution date of the second Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ perties involved) copertles Listed (37 CFR 3.41): \$	npplication is:
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of prop Total number of properties: Fee Amount for Pr	Number(s) or Patent Number(s) pplication, the execution date of the second Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ perties involved) copertles Listed (37 CFR 3.41): \$	npplication is:
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes and Total number of pages of the attached Total number of pages: Application Notes and Number (s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties unmber of properties: Fee Amount Fee Amount for Properties (Enter for payment: □ Enclosed □ Deposit Acce (Enter for payment by deposit account or if addition for fee processing)	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ perties involved) ropertles Listed (37 CFR 3.41): \$ count hal fees can be charged to the account.	npplication is:
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes and Total number of pages of the attached Total number of pages: Application Notes and Number (s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties unmber of properties: Fee Amount Fee Amount for Properties (Enter for payment: □ Enclosed □ Deposit Account for fee processing) Deposit Account	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the account at Number (s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ berties involved) roperties Listed (37 CFR 3.41): \$ count at fees can be charged to the account. t Number: 17-0026	application is:A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application N If this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1, PCT/ 2. PCT/ Number of Properties (Enter the total number of properties): Fee Amount for Properties: Fee Amount for Properties (Enter for payment: Enclosed Deposit Account for fee processing) Deposit Account Authorization to	Number(s) or Patent Number(s) pplication, the execution date of the a Patent Number(s): 1. 2. 3. 4. assigned) 3. PCT/ 4. PCT/ perties involved) ropertles Listed (37 CFR 3.41): \$ count hal fees can be charged to the account.	application is:A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes of Pages: Application Number of Pages of the attached Total number of pages: Application Number of Pages of the attached Section Number of Pages of the attached Number of Pages of the attached Number of Pages	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the application and application and application and the application a	application is:A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes of this document is being filed together with a new a Patent Application Number(s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties unmber of properties: Fee Amount Fee Amount for Properties (Enter for payment: □ Enclosed □ Deposit Acc (Enter for payment by deposit account or if addition for fee processing) Deposit Account Authorization to Statement and Signature To the best of my knowledge and belief, the fore	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the account assigned) 3. PCT/ 4. PCT/ 2. PCT/ 4. PCT/ 2. PCT/ 3. PCT/ 4. PCT/ 3. PCT/ 4.	A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes of Pages: Application Number of Pages of the attached Total number of pages: Application Number of Pages of the attached Section Number of Pages of the attached Number of Pages of the attached Number of Pages	Conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the application, the execution date of the application, the execution date of the application and application and application and the application	A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes of Pages: Application Number (s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties unmber of properties: Fee Amount Fee Amount for Properties (Enter for payment: Enclosed Deposit Account for fee processing) Deposit Account Authorization to Statement and Signature To the best of my knowledge and belief, the fore copy of the original document. Charges to deposit	Conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the application, the execution date of the application, the execution date of the application and application and application and the application	A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Note of Pages: Application Number (s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties: Fee Amount Fee Amount for Properties: Fee Amount See Enter the total number of properties (Enter for payment: Enclosed Deposit Account for fee processing) Deposit Account Authorization to Statement and Signature To the best of my knowledge and belief, the fore copy of the original document. Charges to deposit Date: February 5, 2006	Conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the application, the execution date of the application, the execution date of the application and application and application and the application	A duplicate of this sheet is en
Address: 5775 Morchouse Drive Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached Total number of pages: Application Notes of Pages: Application Number (s): 1. 11/243,554 2. 3. 4. Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been 1. PCT/ 2. PCT/ Number of Properties (Enter the total number of properties unmber of properties: Fee Amount Fee Amount for Properties (Enter for payment: Enclosed Deposit Account for fee processing) Deposit Account Authorization to Statement and Signature To the best of my knowledge and belief, the fore copy of the original document. Charges to deposit	conveyance document including any at Number(s) or Patent Number(s) pplication, the execution date of the application, the execution date of the account assigned) 3. PCT/ 4. PCT/ 2. PCT/ 4. PCT/ 2. PCT/ 3. PCT/ 4. PCT/ 3. PCT/ 4.	A duplicate of this sheet is en

Page 1 of 1

ATTORNEY DOCKET NO. 050003

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 I, Sanjiv Nanda, a citizen of the United States of America having a place of residence at 16808 Daza Drive, Ramona, California 92065; has 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:

DETECTING LEGACY SPOOFING IN REDUCED FUNCTIONALITY USER

TERMINALS

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on October 4, 2005, as Serial No. 11/243,554 including, without limitation, all provisional patent applications, including Serial No. 60/616,336, filed October 05, 2004, 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 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 nd day of

1

RECORDED: 02/06/2006

REEL: 017238 FRAME: 0824