TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).  Submission Type   New		02-10-2004	U.S. Department of Commerce
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).  Submission (Non-Recordation) Document ID No.  Correction of PTO Error Recl No.  Correction of PTO Error Recl No.  Frame No.  Conveying Party(tes)  NAME  I. Marc E. Nijdam  Oli302004  1. Mark if additional names are attached  Nonth, Day, Year (MN  Oli302004  1. Mark if additional names are attached AD claware Corporation  Address (Street number and name): 5775 Morehouse Drive  Address (Street number and name): 5775 Morehouse Drive  Address (Street number and Address  Name: QUALCOMM Incorporated AD claware Corporation  Address (Street number and name): 5775 Morehouse Drive  Address: San Diego, California 92121-1714  Pages (Enter the total number of pages of the attached conveyance document including any attachments)  Total number of pages: 2  Application Number(s) or Patent Number(s)  If this document is being filed together with a new application, the execution date of the application is:  Patent Application Number(s):  1. 10/659,829  3. 4.  Patent Cooperation Treaty (PCT)  (Enter only if a U.S. Application Number has not been assigned)  1. PCT/  2. PCT/  Number of Properties (Enter the total number of properties involved)  Pages (Enter the work of pages of the attached conveyance document including any attachments)  Total number of properties:   Fee Amount for Properties involved)  Total number of properties:   Fee Amount for Properties involved)  Deposit Account Number:   17 0026  Authorization to charge additional fees can be charged to the account. A duplicate of this shee for fee processing)  Deposit Account Number:   17 0026  Authorization to charge additional fees:	1100		Patent and Trademark Office
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ses).  Submission (Non-Recordation) Document ID No. Correction of PTO Error Real No. Frame No. Correction of PTO Error Real No. Frame No. Conveying Party(se)  NAME  Mark if additional names are attached NAME  NAME  NAME  Mark if additional names are attached NAME  NAME  NAME  NAME  NAME  Mark if additional names are attached NAME  N	/ / C REC III		
December	1/1/AU		
O. The Commissioner/of Patents and Trademarks: Please record the attached original document(s) or copy(ies).  ubmission Type  New Conveyance Type  New Conveyance Type  New Conveyance Type  New Correction of Non-Recordation)  Document ID No.  Correction of PTO Error  Reel No.  Frame No.  Conveying Party(ies)  NAME  Mark if additional names are attached  EXECUTION I  Month, Day, Year (MN  01302004  Mark if additional names are attached  EXECUTION I  Month, Day, Year (MN  01302004  Mark if additional names are attached  A Delaware Corporation  didress (Street number and name): 5775 Morehouse Drive  didress (Street number and name): 5775 Morehouse Drive  didress (Street number and name): 588 0588-  faces imile: QUALCOMM Incorporated  A Delaware Corporation  Attachess (Street number and address  fame: QUALCOMM Incorporated  A Delaware Corporation  Attachess: 5775 Morehouse Drive  didress: San Diego, California 92121-1714  ages (Enter the total number of pages of the attached conveyance document including any attachments)  oral number of pages: 2  Application Number(s) or Patent Number(s)  This document is being filed together with a new application, the execution date of the application is:  attent Application Number (s):  10/659,829  Application Number of properties:  4 Application Number of Properties:  5 Application Number of Properties:  6 Application Number of Properties:  6 Application Number of Properties:  7 Application Number of Properties:  8 Application Number of Properties:  9 Application Number of Properties:  10 Application Number of Properties:  11 Application Number of Properties:  12 Application Number of Properties:  13 Application		102666032	ttorney Docket No + 020397
Description   Conveyance Type   Conveyance Type   Change of Name   Chang		e record the attached original documents	s) or conv(ies)
New Resubmission (Non-Recordation) Document ID No. Correction of PTO Error Real No. Frame No. Frame No. Corrective Document Reel No. Frame No. NaME  Marc E. Nijdam    Mark if additional names are attached			s) of copy(ics).
Resubnission (Non-Recordation) Document ID No. Correction of PTO Error Reel No. Frame No. Corrective Document Reel No. Frame No. Corrective Document Reel No. Frame No. Corrective Document Reel No. NAME  Mark if additional names are attached Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Mark if additional names are attached  Month. Day, Year (MN 01302004  Month. Day, Year (MN 01302004  Month. Day, Year (MN 01302004  Molth. Day, Year (MN 0130204  Molth. Day, Year (MN 013020			
Document ID No.			
Correction of PTO Error Real No. Frame No. Corrective Document Reel No. Frame No. Corrective Document Reel No. Frame No. Inveying Party(les) NAME Marc E. Nijdam    Mark if additional names are attached   Month, Day, Year (Midditional names are attached			
Recel No.   Frame No.   Government   Gother:			
Corrective Document  Red No.  Frame No.  Mark if additional names are attached  Mark E. Nijdam  Mark if additional names are attached  Mark E. Nijdam  Mark if additional names are attached  Telephone Number: (858) 658-  Telephone Numb			
Reel No. Frame No.  mveying Party(les) NAME  Marc E. Nijdam  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Mark if additional names are attached  Month, Day, Year (MN 01302004)  Telephone Number:  Month, Day, Year (MN 0130204)  Telephone Number:  Month, Day,		Other:	
Mark if additional names are attached   EXECUTION I   Month, Day, Year (MM ol302004   Mark if additional names are attached   Month, Day, Year (MM ol302004			
NAME  Marc E. Nijdam  Mark if additional names are attached  Month, Day, Year (MN O1302004  Telephone Number: (858) 658- Facsimile: (858) 658- Facsimil		Mark if additional names are att	tached
Marc E. Nijdam    Month, Day, Year (Moot)			
Ceiving Party  me: QUALCOMM Incorporated A Delaware Corporation dress (Street number and name): 5775 Morehouse Drive dress (City, State, Zip Code): San Diego, California, 92121-1714 respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department dress: 5775 Morehouse Drive dress: San Diego, California, 92121-1714 gese (Bater the total number of pages of the attached conveyance document including any attachments) tal number of pages: 2  Application Number(s) or Patent Number(s) tent Application Number(s) or Patent Number(s) his document is being filed together with a new application, the execution date of the application is: tent Application Number(s):  10(659,829 1. 2. 3. 4. 97 10(599,829 1. 2. 3. PCT/ 3. PCT/ 4. PCT/ Dier only if a U.S. Application Number has not been assigned)  2CT/ 3. PCT/ 4. PCT/ 3. PCT/ 4. PCT/ Dier only if a U.S. Application Number of properties involved) lan number of Properties (Enter the total number of properties involved) lan number of Properties: 1  Amount Fee Amount for Properties Listed (37 CFR 3.41); \$40.00 dethod of Payment:   Enclosed   Deposit Account Number: 17-0026 Authorization to charge additional fees:   Yes   No tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached cop yof the original document. Charges to deposit account are authorized, as indicated herein.  4. February 4, 2004  4. COO 58  4. COO 58  FOR OFFICE USE ONLY	NAME		
ceiving Party  me: QUALCOMM Incorporated A Delaware Corporation dress (Street number and name): 5775 Morehouse Drive dress (City, State, Zip Code): San Diego, California, 92121-1714  rrespondent Name and Address me: QUALCOMM Incorporated Atm: Patent Department Gress: S775 Morehouse Drive dress: 5775 Morehouse Drive dress: 5775 Morehouse Drive dress: S775 Morehouse Drive dress: S775 Morehouse Drive dress: S775 Morehouse Drive dress: S775 Morehouse Drive dress: San Diego, California, 92121-1714 ges (Enter the total number of pages of the attached conveyance document including any attachments) tal number of pages: 2  Application Number(s) or Patent Number(s)  Application Number(s) or Patent Number(s)  Application Number(s) or Patent Number(s): 1. 2. 3. 4. Patent Application Number(s): 1. 2. 3. 4. PCT/ DCT/ A. PCT/ DCT/ A. PCT/ DCT/ A. PCT/ A. PCT/ A. PCT/ D. Amount Deposit Account Number: 17-0026 Authorization to charge additional fees: Area Morehod of Payment: Deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing) Deposit Account Number: 17-0026 Authorization to charge additional fees: Yes Do  tement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached cop yof the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004 February 6, 2004 February 8, 2004 FOR OFFICE USE ONLY	Mara F. Niidam		
me: QUALCOMM Incorporated A Delaware Corporation  dress (Street number and name): 5775 Morehouse Drive  dress (City, State, Zip Code): San Diego, California, 92121-1714  Trespondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department  dress: S775 Morehouse Drive  dress: San Diego, California 92121-1714  dres (Enter the total number of pages of the attached conveyance document including any attachments) all number of pages: 2  Application Number(s) or Patent Number(s)  all number of pages: 2  Application Number(s) or Patent Number(s)  inis document is being filed together with a new application, the execution date of the application is:  ent Application Number(s):  0/659,829  2.  3.  4.  Patent Number(s):  1.  2.  3.  4.  POTT  CT/  CT/  CT/  A. PCT/	Tare 15. Nijuani		01302004
me: QUALCOMM Incorporated A Delaware Corporation  dress (Street number and name): 5775 Morehouse Drive  dress (City, State, Zip Code): San Diego, California, 92121-1714  Trespondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department  dress: S775 Morehouse Drive  dress: San Diego, California 92121-1714  dres (Enter the total number of pages of the attached conveyance document including any attachments) all number of pages: 2  Application Number(s) or Patent Number(s)  all number of pages: 2  Application Number(s) or Patent Number(s)  inis document is being filed together with a new application, the execution date of the application is:  ent Application Number(s):  0/659,829  2.  3.  4.  Patent Number(s):  1.  2.  3.  4.  POTT  CT/  CT/  CT/  A. PCT/			
me: OUALCOMM Incorporated A Delaware Corporation iress (Street number and name): 5775 Morehouse Drive Iress (City, State, Zip Code): San Diego, California, 92121-1714  respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-14361  Respondent Name Address me: Qualcomment including any attachments) along the state of the attached conveyance document including any attachments) along the state of the attached conveyance document including any attachments) along the state of the application is: met Application Number(s): Patent Number(s)  Application Number(s) or Patent Number(s)  Patent Number(s): Patent Number(s): 1.2.2.2.3.3.4.9.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7			
me: QUALCOMM Incorporated A Delaware Corporation  dress (Street number and name): 5775 Morehouse Drive  dress (City, State, Zip Code): San Diego, California, 92121-1714  Trespondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department  dress: S775 Morehouse Drive  dress: San Diego, California 92121-1714  dres (Enter the total number of pages of the attached conveyance document including any attachments) all number of pages: 2  Application Number(s) or Patent Number(s)  all number of pages: 2  Application Number(s) or Patent Number(s)  inis document is being filed together with a new application, the execution date of the application is:  ent Application Number(s):  0/659,829  2.  3.  4.  Patent Number(s):  1.  2.  3.  4.  POTT  CT/  CT/  CT/  A. PCT/			
A Delaware Corporation tress (Street number and name): 5775 Morehouse Drive tress (City, State, Zip Code): San Diego, California, 92121-1714 respondent Name and Address ne: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658- tress: 5775 Morehouse Drive tress: S775 Morehouse Drive tress: S3n Diego, California 92121-1714 ress (Enter the total number of pages of the attached conveyance document including any attachments) al number of pages: 2  Application Number(s) or Patent Number(s) al number of pages: 2  Application Number(s) or Patent Number(s) al number of pages: 2  Application Number(s) or Patent Number(s) al number of pages: 2  Application Number(s): Patent Number(s):  1. 2. 3. 4. 90 2. 3. POT/ 4. PCT/ 5. Patent Number of properties: 1  Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 fethod of Payment:   Enclosed   Deposit Account Number: 17-0026 Authorization to charge additional fees:   Yes   No rement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached cop of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004 6. Robert J. O'Connell, Reg. No. 44,265 (858) 658-  FOR OFFICE USE ONLY		☐ Mark if additional names are a	ttached
dress (Street number and name): 5775 Morehouse Drive dress (City, State, Zip Code): San Diego, California, 92121-1714  rrespondent Name and Address me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658-658-658-658-658-658-658-658-658-658-			
dress (City, State, Zip Code): San Diego, California, 92121-1714  rrespondent Name and Address me: QUALCOMM Incorporated Atm: Patent Department (858) 658-4  dress: \$775 Morehouse Drive dress: \$775 Morehouse Drive dress: \$780 Diego, California 92121-1714  ges (Enter the total number of pages of the attached conveyance document including any attachments) and number of pages: 2  Application Number(s) or Patent Number(s) and number of pages: 2  Application Number(s) or Patent Number(s)  initial document is being filed together with a new application, the execution date of the application is:  ent Application Number(s):  0/659,829  2.  3.  4.  Patent Number(s):  1.  2.  3.  PCT/  4. PCT/  CT/  CT/  CT/  CT/  CT/  CT/  CT/	A Delaware Corporation		
rrespondent Name and Address  me: QUALCOMM Incorporated Attn: Patent Department Facsimile: (858) 658- Attn: Patent Department Facsimile: (858) 658- dress: 5775 Morehouse Drive dress: San Diego, California 92121-1714  ges (Enter the total number of pages of the attached conveyance document including any attachments) tal number of pages: 2  Application Number(s) or Patent Number(s) this document is being filed together with a new application, the execution date of the application is: tent Application Number(s): 1. 2. 3. 4. Patent Number(s): 1. 2. 3. 4. PCT/ There only if a U.S. Application Number has not been assigned) PCT/ There only if a U.S. Application Number of properties involved) The Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee for fee processing)  Deposit Account Number: 17-0026 Authorization to charge additional fees: Dyes Document of the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  The Ecouper Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  ECCOPER 00000079 170026 1055989 FOR OFFICE USE ONLY			
me: QUALCOMM Incorporated Aftin: Pateint Department (858) 658- Aftin: Pateint Departm		California, 92121-1714	
Attn: Patent Department dress: \$775 Morehouse Drive dress: \$5775 Morehouse			
dress: \$775 Morehouse Drive dress: \$3 Diego, California 92121-1714 ges (Enter the total number of pages of the attached conveyance document including any attachments) al number of pages: 2  Application Number(s) or Patent Number(s) his document is being filed together with a new application, the execution date of the application is: ent Application Number(s):    Patent Number(s):   1.			
dress: San Diego, California 92121-1714  ges (Enter the total number of pages of the attached conveyance document including any attachments)  tal number of pages: 2  Application Number(s) or Patent Number(s) his document is being filed together with a new application, the execution date of the application is:  tent Application Number(s):  0/659,829  1.  2.  3.  4.  POT/  Ther only if a U.S. Application Number has not been assigned)  PCT/  The of Properties (Enter the total number of properties involved)  all number of properties: 1  Amount  Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes □ No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Method 51-4361  ECCOPER 00000079 170026 10659839  FOR OFFICE USE ONLY		Facsim	ile: (858) 658-2502
Application Number(s) or Patent Number(s)  Application Number(s) or Patent Number(s) his document is being filed together with a new application, the execution date of the application is: ent Application Number(s):  (0/659,829  Patent Number(s):  (1.  2.  3.  4.  PCT/  3. PCT/  4. PCT/  Method of Payment:  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees:   (See February 4, 2004  Enter of Occorded and Signature:  (Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  ECCOPER 00000079 170026 1055983  FOR OFFICE USE ONLY			
Application Number(s) or Patent Number(s) his document is being filed together with a new application, the execution date of the application is: tent Application Number(s): 1.0/659,829  Patent Number(s): 1. 2. 3. 4. 2. 3. 4. 2. 3. 4. 2. 3. 4. 2. 3. 4. 2. 3. 4. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 3. 4. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 2. 2. 3. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	dress: San Diego, California 92121-1714		
Application Number(s) or Patent Number(s)  tent Application Number(s):    Patent Number(s):     Patent Number(s):	ges (Enter the total number of pages of the attache	ed conveyance document including ar	ny attachments)
this document is being filed together with a new application, the execution date of the application is:  tent Application Number(s):  10/659,829  1.  2.  3.  4.  PCT/ PCT/ A. PCT/ PCT/ A. PCT/ PCT/ A. PCT/ PCT/ A. PCT/ B. P.			
Attent Application Number(s):  10/659,829  1.  2.  3.  4.  PCT/ PCT/ PCT/ PCT/ PCT/ A. PCT/ PCT/ PCT/ PCT A. PCT/ PCT/ PCT A. PCT/ PCT/ PCT/ PCT/ PCT/ PCT/ PCT/ PCT/	Application	n Number(s) or Patent Number(s)	
1. 2. 3. 4. 9 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	this document is being filed together with a new		the application is:
2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   4.   2.   3.   4.   2.   2.   3.   4.   2.   2.   3.   4.   2.   2.   3.   4.   2.   2.   3.   4.   2.   2.   2.   3.   4.   2.   2.   2.   2.   2.   2.   2		` ` `	
tent Cooperation Treaty (PCT)  ter conly if a U.S. Application Number has not been assigned)  PCT/  CCT/  The position of Properties (Enter the total number of properties involved)  tal number of Properties: 1  Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee for fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes ☐ No  Itement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  The position of the properties involved in the properties in the properties in the properties in properties in the pro	10/659,829		
ent Cooperation Treaty (PCT)  ter only if a U.S. Application Number has not been assigned)  CT/  CT/  mber of Properties (Enter the total number of properties involved)  al number of properties: 1  Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheer or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑Yes □ No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  We Robert J. O'Connell, Reg. No. 44,265  Signature: February 4, 2004  We Robert J. O'Connell, Reg. No. 44,265  Signature: For Office USE ONLY			Maria ang P ana ang Palina
ter Cooperation Treaty (PCT)  ter only if a U.S. Application Number has not been assigned)  CT/  CT/  A. PCT/  A. PCT/  Amount  Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes □ No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes □ No  The best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.  February 4, 2004  Method of Payment: □ Enclosed ☑ Poposit Account are authorized, as indicated herein.			Survey .
Amount  Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment:		3.	
Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes □ No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Re: Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  1 40.00 9A		3.	유 표 -
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment:		3. 4.	OPR/
Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment: □ Enclosed ☑ Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: ☑ Yes □ No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Re: Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  1 40.00 9A	ter only if a U.S. Application Number has not bee	3. 4.	OPR/F
Amount  Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment:	ter <u>only if</u> a U.S. Application Number has not bee PCT/	an assigned)	OPR/FIN
Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00  Method of Payment:	ter only if a U.S. Application Number has not bee PCT/ PCT/	3. 4. en assigned) 3. PCT/ 4. PCT/	OPR/FINAL
Amount    Fee Amount for Properties Listed (37 CFR 3.41): \$40.00     Method of Payment:   Enclosed   Deposit Account     Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet or fee processing)    Deposit Account Number: 17-0026     Authorization to charge additional fees:   Yes   No     No tement and Signature   To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.    February 4, 2004     Robert J. O'Connell, Reg. No. 44,265     (858) 651-4361     ECOOPER 00000079 170026 10659859   FOR OFFICE USE ONLY	ter only if a U.S. Application Number has not bee PCT/ PCT/ mber of Properties (Enter the total number of pro-	3. 4. en assigned) 3. PCT/ 4. PCT/	OPR/FINANCE
Method of Payment:   Enclosed Deposit Account  Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee or fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees:   Yes No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Re: Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  1 40.00 9A	ter only if a U.S. Application Number has not bee PCT/ PCT/ mber of Properties (Enter the total number of pro-	3. 4. en assigned) 3. PCT/ 4. PCT/	OPR/FINANCE
Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this shee for fee processing)  Deposit Account Number: 17-0026  Authorization to charge additional fees: Yes No  tement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004  Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  1 40.00 3A	ter only if a U.S. Application Number has not bee PCT/ PCT/ mber of Properties (Enter the total number of protal number of properties: 1	an assigned) 3. PCT/ 4. PCT/ Operties involved)	3.00
Deposit Account Number: 17-0026 Authorization to charge additional fees: Yes No  tement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  The February 4, 2004 Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  FOR OFFICE USE ONLY  11 40.00 BA	nter only if a U.S. Application Number has not bee PCT/ PCT/ PCT/ mber of Properties (Enter the total number of protal number of properties: 1  Amount Fee Amount for P Method of Payment:  Enclosed	an assigned) 3. PCT/ 4. PCT/ pperties involved)  Properties Listed (37 CFR 3.41): \$40 ccount	D.00 W
Deposit Account Number: 17-0026 Authorization to charge additional fees: Yes No  tement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document. Charges to deposit account are authorized, as indicated herein.  February 4, 2004 Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  FOR OFFICE USE ONLY  1 40.00 BA	Acter only if a U.S. Application Number has not bee PCT/ PCT/ PCT/ Index of Properties (Enter the total number of protal number of properties: 1  Index Amount Fee Amount for Position of Payment:  Index Enclosed Deposit Acter the Amount for Position of Payment:  Index Enclosed Deposit Acter the In	an assigned) 3. PCT/ 4. PCT/ pperties involved)  Properties Listed (37 CFR 3.41): \$40 ccount	0.00 👑
Authorization to charge additional fees: Yes No  Attement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached coppy of the original document. Charges to deposit account are authorized, as indicated herein.  The February 4, 2004  The Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  Authorization to charge additional fees: Yes No  No  No  Signature: February 4, 2004  (858) 651-4361  FOR OFFICE USE ONLY	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  e Amount Fee Amount for P  Method of Payment: □ Enclosed ☑ Deposit Ac (Enter for payment by deposit account or if addition)	an assigned) 3. PCT/ 4. PCT/ pperties involved)  Properties Listed (37 CFR 3.41): \$40 ccount	D.00 W
To the best of my knowledge and belief, the foregoing information is true and correct and any attached coppy of the original document. Charges to deposit account are authorized, as indicated herein.  The February 4, 2004 The Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  FOR OFFICE USE ONLY  40.00 3A  FOR OFFICE USE ONLY	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  e Amount Fee Amount for P Method of Payment:   Enclosed Deposit Ac (Enter for payment by deposit account or if addition for fee processing)	3. PCT/ 4. PCT/ operties involved)  Properties Listed (37 CFR 3.41): \$40 count nal fees can be charged to the account	0.00 👑
To the best of my knowledge and belief, the foregoing information is true and correct and any attached coppy of the original document. Charges to deposit account are authorized, as indicated herein.  tee February 4, 2004  Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361  FOR OFFICE USE ONLY  40.00 9A	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  e Amount Fee Amount for P Method of Payment: □ Enclosed ☑ Deposit Ac (Enter for payment by deposit account or if addition for fee processing)  Deposit Account	3. PCT/ 4. PCT/ perties involved)  Properties Listed (37 CFR 3.41): \$40 count nal fees can be charged to the account nt Number: 17-0026	t. A duplicate of this sheet is enclosed
py of the original document. Charges to deposit account are authorized, as indicated herein.  tele February 4, 2004 The Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  FOR OFFICE USE ONLY  40.00 9A	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of properties: 1 The Amount Fee Amount for Post Method of Payment: Enclosed Deposit Ac (Enter for payment by deposit account or if addition for fee processing)  Deposit Account Authorization to	3. PCT/ 4. PCT/ perties involved)  Properties Listed (37 CFR 3.41): \$40 count nal fees can be charged to the account nt Number: 17-0026	o.00
tte February 4, 2004 me: Robert J. O'Connell, Reg. No. 44,265 (858) 651-4361  O ECOOPER 00000079 170026 10659839 FOR OFFICE USE ONLY	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of properties: 1  The Amount Fee Amount for Polyment    Method of Payment:    Enclosed Deposit Account for fee processing)  Deposit Account    Authorization to the properties    Authorization to the properties    Authorization to the properties    The Amount for Polyment    The Amount for Polyment    Deposit Account    Authorization to the properties    The Amount for Polyment    The Amount for Poly	3. PCT/ 4. PCT/ operties involved)  Properties Listed (37 CFR 3.41): \$40 count nal fees can be charged to the account nt Number: 17-0026 o charge additional fees: Yes	o.00
(838) 631-4361 DECOUPER 00000079 170026 10659829 FOR OFFICE USE ONLY	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  e Amount Fee Amount for P Method of Payment: □ Enclosed ☑ Deposit Ac (Enter for payment by deposit account or if addition for fee processing)  Deposit Account Authorization to the best of my knowledge and belief, the force	3. PCT/ 4. PCT/ perties involved)  Properties Listed (37 CFR 3.41): \$40  count nal fees can be charged to the account nt Number: 17-0026 o charge additional fees: Yes	nt. A duplicate of this sheet is enclosed  No  rect and any attached copy is a true
ECOOPER 00000079 170026 10659829 FOR OFFICE USE ONLY	nter only if a U.S. Application Number has not bee PCT/ PCT/ PCT/  Imber of Properties (Enter the total number of protal number of properties: 1  If Amount Fee Amount for P  Method of Payment: ☐ Enclosed ☐ Deposit Account for perform for performance for performa	3. PCT/ 4. PCT/ Deperties involved)  Properties Listed (37 CFR 3.41): \$40 count and fees can be charged to the account to Number: 17-0026 o charge additional fees: Yes  egoing information is true and correct account are authorized, as indicate the second count are authorized.	No  ect and any attached copy is a true ed herein.
ECOOPER 00000079 170026 10659829 FOR OFFICE USE ONLY	ter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protein number of properties: 1  Amount Fee Amount for Posented Deposit Account for payment by deposit account or if addition for fee processing)  Deposit Account Authorization to the best of my knowledge and belief, the force by of the original document. Charges to deposit	3. PCT/ 4. PCT/ Deperties involved)  Properties Listed (37 CFR 3.41): \$40 count and fees can be charged to the account to Number: 17-0026 o charge additional fees: Yes  egoing information is true and correct account are authorized, as indicate the second count are authorized.	No  ect and any attached copy is a true ed herein.
04 EC00PER 00000079 170026 10659829 FOR OFFICE USE ONLY 21 40.00 94	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of properties: 1 The Amount Fee Amount for Post Method of Payment: Enclosed Deposit Acc (Enter for payment by deposit account or if addition for fee processing)  Deposit Account Authorization to the best of my knowledge and belief, the forepy of the original document. Charges to deposit the February 4, 2004	3. PCT/ 4. PCT/ Deperties involved)  Properties Listed (37 CFR 3.41): \$40 count and fees can be charged to the account to Number: 17-0026 o charge additional fees: Yes  egoing information is true and correct account are authorized, as indicate the second count are authorized.	No  ect and any attached copy is a true ed herein.
21\ 40.00 BA	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of properties: I  e Amount Fee Amount for P  Method of Payment:	3. PCT/ 4. PCT/ Deperties involved)  Properties Listed (37 CFR 3.41): \$40 count and fees can be charged to the account to Number: 17-0026 o charge additional fees: Yes  egoing information is true and correct account are authorized, as indicate the second count are authorized.	No  ect and any attached copy is a true ed herein.
11\ 40.00 9A	nter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  If Amount Fee Amount for P Method of Payment:	3. PCT/ 4. PCT/ Deperties involved)  Properties Listed (37 CFR 3.41): \$40 count and fees can be charged to the account to Number: 17-0026 o charge additional fees: Yes  egoing information is true and correct account are authorized, as indicate the second count are authorized.	No ect and any attached copy is a true ed herein.
	atter only if a U.S. Application Number has not bee PCT/ PCT/ Imber of Properties (Enter the total number of protal number of properties: 1  Amount Fee Amount for P Method of Payment: □ Enclosed ☑ Deposit Account or fee processing)  Deposit Account Authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit fee:  Enter for payment by deposit account or if additional authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit fee:  Enter for payment by deposit account or if additional authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit fee:  Enter for payment by deposit account or if additional authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit fee february 4, 2004  Robert J. O'Connell, Reg. No. 44,265  (858) 651-4361	3. 4.  In assigned)  3. PCT/ 4. PCT/ Operties involved)  Properties Listed (37 CFR 3.41): \$40 Occount In al fees can be charged to the account Int Number: 17-0026 O charge additional fees: Yes   egoing information is true and correct account are authorized, as indicate  Signature:	No ect and any attached copy is a true ed herein.
Page 1 of 1	ter only if a U.S. Application Number has not bee CCT/ CCT/ mber of Properties (Enter the total number of protein number of properties: 1  Amount Fee Amount for Post of Properties: 1  Enclosed Deposit Account or if addition or fee processing)  Deposit Account Authorization to tement and Signature To the best of my knowledge and belief, the force of the original document. Charges to deposit see February 4, 2004  Enclosed Deposit Account Authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit see February 4, 2004  ECOOPER 00000079 170026 10659859  FCOOPER 00000079 170026 10659859  FCOOPER 00000079 170026 10659859  FCOOPER 00000079 170026 10659859  FCOOPER 00000079 170026 10659859	3. 4.  In assigned)  3. PCT/ 4. PCT/ Operties involved)  Properties Listed (37 CFR 3.41): \$40 Occount In al fees can be charged to the account Int Number: 17-0026 O charge additional fees: Yes   egoing information is true and correct account are authorized, as indicate  Signature:	No ect and any attached copy is a true ed herein.
	ter only if a U.S. Application Number has not bee CCT/ CCT/ mber of Properties (Enter the total number of protein all number of properties: 1  Amount Fee Amount for P Method of Payment:	3. 4.  In assigned)  3. PCT/ 4. PCT/ Operties involved)  Properties Listed (37 CFR 3.41): \$40 Occount In al fees can be charged to the account Int Number: 17-0026 O charge additional fees: Yes   egoing information is true and correct account are authorized, as indicate  Signature:	No ect and any attached copy is a true ed herein.
Yage 1 of 1	Attent Cooperation Treaty (PCT)  Enter only if a U.S. Application Number has not bee PCT/ PCT/ PCT/ umber of Properties (Enter the total number of properties: 1  The Amount Fee Amount for P  Method of Payment: ☐ Enclosed ☐ Deposit Account (Enter for payment by deposit account or if addition for fee processing)  Deposit Account Authorization to the best of my knowledge and belief, the force of the original document. Charges to deposit account attempt of the original document. Charges to deposit account account account the original document. Charges to deposit account account the original document. Charges to deposit account	3. 4.  In assigned)  3. PCT/ 4. PCT/ Operties involved)  Properties Listed (37 CFR 3.41): \$40 Occount Int Number: 17-0026 O charge additional fees: Yes  Description of the account are authorized, as indicated.  Signature: Polynometric Control of the account are authorized.	No  ect and any attached copy is a true ed herein.

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

REEL: 014954 FRAME: 0700

## ASSIGNMENT

## TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, Marc E. Nijdam, a citizen of the Netherlands having a place of residence at 4971 Kensington Drive, San Diego, California 92116; 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:

## METHOD AND APPARATUS FOR CONTINUATION-PASSING

## IN A VIRTUAL MACHINE

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on September 10, 2003, and assigned Serial No. 10/659,829, including, without limitation, all provisional patent applications, 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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

[Post-Filed Assignment/Sole Inventor]

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 30 day of January, 2004.

Marc E. Nijdam

2

RECORDED: 02/06/2004

[Post-Filed Assignment/Sole Inventor]

PATENT REEL: 014954 FRAME: 0702