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FORM PTO-1619A/B	U.S. Department of Commerce
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	PATENT
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PATE	VTS ONLY
TO: The Commissioner of December 17.	Attorney Docket No.: 040906
TO: The Commissioner of Patents and Trademarks: Please record the Submission Type	c attached original document(s) or copy(ies). Conveyance Type
New	
Resubmission (Non-Recordation)	Change of Name
Document ID No.	License
Correction of PTO Error	Merger
Reel No. Frame No.	Security Agreement
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	k if additional names are attached
NAME	EXECUTION DATE
4.7. 07.70	Month, Day, Year (MMDDYYYY)
1. Josef J. Blanz	May 26, 2006
2. Hans Dieter Schotten	May 15, 2006
3.	
4.	
Receiving Party Ma	k if additional names are attached
Name: QUALCOMM Incorporated	
A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive	
Address (City, State, Zip Code): San Diego, California, 92121-1714	
Correspondent Name and Address	92121-1714
Name: QUALCOMM Incorporated	Telephone Number: (858) 658-5787
Attn: Patcnt Department	Facsimile: (858) 658-2502
Address: 5775 Morehouse Drive	(000) 000 2002
Address: San Diego, California 92121-1714	
Pages (Enter the total number of pages of the attached convoyance document including any attachments)	
Total number of pages: 4	
Application Number(s) or Patent Number(s)	
If this document is being filed together with a new application	
Patent Application Number(s):	Patent Number(s):
1. 11/367,067	1. 2.
2.	3.
3. 4.	4.
Patent Cooperation Treaty (PCT)	
(Enter only if a U.S. Application Number has not been assigned	n
1. PCT/	3. PCT/
2. PCT/	4. PCT/
Number of Properties (Enter the total number of properties in	
Total number of properties:	
Fee Amount for Properties Listed (37 CFR 3.41): \$	
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 is enclosed	
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Deposit Account Numbe	
Authorization to charge additional fees: Yes No Statement and Signature	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true	
copy of the original document. Charges to deposit account are authorized, as indicated herein.	
Date: May 26, 2006	Q
Name: Ramin Mobarhan, Reg. No. 50, 182	Signature: Ramin Mob (ham
Phone No. (858) 658-2447	<u>-</u>
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Page 1 of <u>1</u>

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ATTORNEY DOCKET NO. 040906

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 Josef J. Blanz, a citizen of Germany having a place of residence at Weinstrasse 1, Hofgut 10, Wachenheim, Germany 67157 and Hans Dieter Schotten, a citizen of Germany having a place of residence at Dr. Carlo-Schmid-Str. 180, Nuremberg, Germany 90491; 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:

DYNAMIC SPACE-TIME CODING FOR A COMMUNICATION SYSTEM

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 3, 2006, and assigned Serial No. 11/367,067 including, without limitation, all provisional patent applications, including Serial No. 60/663,516 filed March 18, 2005; and Serial No. 60/710,420 filed August 22, 2005 and alloriginal 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.

PATENT REEL: 017709 FRAME: 0804

ATTORNEY DOCKET NO. 040906

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 Wachenheim, Germany this ______ day of _______, 2006.

JOSEF J. BLANZ

Done at Nuremberg, Germany this 15-44 day of ______, 2006.

14. Mille

REEL: 017709 FRAME: 0805

ATTORNEY DOCKET NO. 040906

HANS DIETER SCHOTTEN

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 Wachenheim, Germany this 26 day of May, 2006.

JOSEF J. BLANZ

Done at Nuremberg, Germany this _____ day of _____, 2006.

PATENT REEL: 017709 FRAME: 0806