

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>George Tsirtsis</td><td>07/11/2008</td></tr><tr><td>Gerardo Giaretta</td><td>07/11/2008</td></tr><tr><td>Lorenzo Casaccia</td><td>07/11/2008</td></tr><tr><td>Kalle I Ahmavaara</td><td>07/11/2008</td></tr></tbody></table>	Name	Execution Date	George Tsirtsis	07/11/2008	Gerardo Giaretta	07/11/2008	Lorenzo Casaccia	07/11/2008	Kalle I Ahmavaara	07/11/2008	
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Lorenzo Casaccia	07/11/2008										
Kalle I Ahmavaara	07/11/2008										
RECEIVING PARTY DATA											
Name:	QUALCOMM Incorporated										
Street Address:	5775 Morehouse Drive										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121-1714										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12167907</td></tr></tbody></table>	Property Type	Number	Application Number:	12167907							
Property Type	Number										
Application Number:	12167907										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(858) 651-5205										
Email:	us-docketing@qualcomm.com										
Correspondent Name:	QUALCOMM Incorporated										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	San Diego, CALIFORNIA 92121-1714										
ATTORNEY DOCKET NUMBER:	071901										
NAME OF SUBMITTER:	Marvin Jefferson										
Total Attachments: 4 source=071901_ASST#page1.tif											

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PATENT

REEL: 021556 FRAME: 0628

ASSIGNMENT

TO WHOM IT MAY CONCERN:

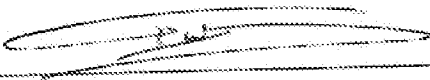
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. George Tsirtsis (Georgios), a citizen of the United Kingdom, having a place of residence at Flat 1, 1 Alexandria Road, London, W13 ONP, United Kingdom;
2. Gerardo Giaretta, a citizen of Italy, having a place of residence at 1827 Oliver Ave., San Diego, California, 92121, United States of America;
3. Lorenzo Casaccia, a citizen of Italy, having a place of residence at Via Bisagno 14, Roma, 00198, Italy; and
4. Kalle I. Ahmavaara, a citizen of Finland, having a place of residence at 10515 Albert Place, San Diego, California, 92127, United States of America;

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 entire right, title and interest in and to a certain invention relating to **MIP/PMIP CONCATENATION WHEN OVERLAPPING ADDRESS SPACE ARE USED** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **July 3, 2008**, assigned Application Number **12/167,907**, including, without limitation, all provisional patent applications, including Provisional Application Number **60/949,829** filed on **July 13, 2007**, and all original and reissue patents granted thereof (in the United States and any foreign country), 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 London, United Kingdom this 11 day of JULY, 2008.



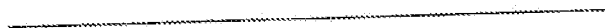
George Tsirtsis (Georgios)

Done at San Diego, California this _____ day of _____, 2008.



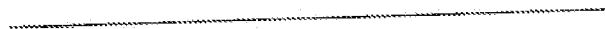
Gerardo Giaretta

Done at Roma, Italy this _____ day of _____, 2008.



Lorenzo Casaccia

Done at San Diego, California this _____ day of _____, 2008.



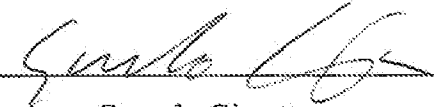
Kalle I. Ahmavaara

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Done at London, United Kingdom this _____ day of _____, 2008.

George Tsirtsis (Georgios)

Done at San Diego, California this 11 day of JULY, 2008.



Gerardo Giaretta

Done at Roma, Italy this _____ day of _____, 2008.

Lorenzo Casaccia

Done at San Diego, California this _____ day of _____, 2008.

Kalle I. Ahmavaara

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Done at London, United Kingdom this _____ day of _____, 2008.

George Tsirtsis (Georgios)

Done at San Diego, California this _____ day of _____, 2008.

Gerardo Giaretta

Done at Roma, Italy this 11 day of JULY, 2008.

Lorenzo Casaccia

Done at San Diego, California this 11 day of July, 2008.

Kalle I. Ahmavaara