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NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
	N	lame	Execution Date			
Wassim Michel Haddad			01/12/2009			
George Tsirtsis			01/12/2009			
Vincent D. Park			01/12/2009			
RECEIVING PARTY DATA						
Name: QUALC	QUALCOMM Incorporated					
Street Address: 5775 M	orehouse Dr	ive				
Internal Address: Patent I	Department/	Central Administration				
City: San Die	San Diego					
State/Country: CALIFC	CALIFORNIA					
Postal Code: 92121	92121					
PROPERTY NUMBERS Total: Property Type		Number				
Application Number: 12360		899				
CORRESPONDENCE DATA Fax Number: (858)658-2502 Fax Number: (858)658-2502 Image: Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 858-845-4265 Email: patent.docketing.us@qualcomm.com						
Correspondent Name: QL	respondent Name: QUALCOMM INCORPORATED					
	5775 MOREHOUSE DR.					
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ATTORNEY DOCKET NUMBER:		082515				
NAME OF SUBMITTER:		Gina Golia				
Total Attachments: 4 source=082515_2009-01-28_ASST#page1.tif PATENT						
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> PATENT REEL: 022166 FRAME: 0968

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,

- Wassim Michel Haddad a citizen of Canada having a place of residence at 20 Ave at Port Imperial #116, West New York, NJ, 07093, US
- George Tsirtsis, a citizen of the United Kingdom, having a place of residence at Flat 1, 1 Alexandria Road, London, England, W13 ONP, UK; and
- Vincent D. Park, a citizen of the United States, having a place of residence at 11 Rolling Hills Drive, Budd Lake, NJ 07828, US;

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 METHODS AND APPARATUS RELATED TO ADDRESS GENERATION, COMMUNICATION AND/OR VALIDATION by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on Stankard 28,2009, assigned Application Number 12/340,899 (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including, without limitation, all provisional patent applications,, 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

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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	<u>Bhidisticitest (</u>	this	<u>_12 h</u> day of January , 2009.		
			Wassim Michel Haddad		
Done at		this	day of, 2009.		
			George Tsirtsis		
Done at	Bridgewater	this	<u>2746</u> day of <u>Jammery</u> , 2009.		
			Vincent D. Park		

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,

- Vincent D. Park, a citizen of the United States, having a place of residence at 11 Rolling Hills Drive, Budd Lake, NJ 07828, US;
- George Tsirtsis, a citizen of the United Kingdom, having a place of residence at Flat 1, 1 Alexandria Road, London, England, W13 ONP, UK; and
- Wassim Michel Haddad a citizen of Canada having a place of residence at 20 Ave at Port Imperial #116, West New York, NJ, 07093, US

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 METHODS AND APPARATUS RELATED TO ADDRESS GENERATION, COMMUNICATION AND/OR VALIDATION by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 30, 2009, assigned Application Number 12/340,399 (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including, without limitation, all provisional patent applications,, 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

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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	this	day of, 2009.		
	X 71 (XX XX XX			
		VIACC	nt D. Park	
Done at LONDON, UK	this 12	_ day of <u>Science</u>	<u>vy_</u> , 2009.	
	George Tsirtsis			
		George Tsirtsis		
Done at	this	day of	, 2009.	

Wassim Michel Haddad