PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Stephen W Edge	04/29/2010
Nathan E Tenny	04/29/2010
Sven Fischer	05/03/2010

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated		
Street Address:	5775 Morehouse Drive		
Internal Address:	Patent Department/Central Administration		
City:	San Diego		
State/Country:	CALIFORNIA		
Postal Code:	92121		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12763962

CORRESPONDENCE DATA

Fax Number: (858)658-2502

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: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DR.

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 081327U2

NAME OF SUBMITTER: Thomas W. Coyne

Total Attachments: 6

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PATENT REEL: 024330 FRAME: 0713 .00 12/63962

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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/I,

- Stephen W. Edge, a citizen of the United States, having a mailing address of 5775
 Morehouse Drive, San Diego, California 92121-1714; and a resident of Escondido, CA, USA.
- 2. Nathan E. Tenny, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Poway, CA, USA.
- Sven Fischer, a citizen of Germany, having a mailing address of 5775 Morehouse Drive,
 San Diego, California 92121-1714; and a resident of Nuremberg, DE.

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 METHOD AND APPARATUS FOR SUPPORTING POSITIONING FOR TERMINALS IN A WIRELESS NETWORK by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 20, 2010, and assigned Serial No. 12/763,962, including Provisional Application Number 61/171,398, filed on April 21, 2009, and including Provisional Application Number 61/172,719, filed on April 25, 2009, and including Provisional Application Number 61/218,929, filed on June 20, 2009, and including Provisional Application Number 61/247,363, filed on September 30, 2009, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part 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.

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 Lisco	<u> 11 (11) 11</u> this	Zen day of A	⊘∕ ; . 2010.	
		; ***	Stephen W. Edge	
Done at	this	day of	2010.	
			Nathan E. Tenny	
Done at	this	day of	, 2010.	
		····	Sven Fischer	

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Done at	this	day of	,2010.	
		,	Stephen W. Edge	
Done at	this	day of	, 2010.	
		,	Nathan E. Tenny	-pygar ngarang garang anakan
Done at <u>Nuremb</u>	ers this 3'	day of	1, 2010. S. Histor	
		section	Sven Fischer	***************************************

PATENT REEL: 024330 FRAME: 0720

RECORDED: 05/04/2010