PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Norman F Krasner	10/23/2009

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:	11339243

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 020412D1D1

NAME OF SUBMITTER: Thomas W. Coyne

Total Attachments: 2

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PATENT

500998535 REEL: 023426 FRAME: 0787

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/I,

1. Norman F. Krasner, a citizen of the United States, having a mailing address of 3 Lake Court, Emerald Hills, CA 94062; and a resident of Emerald Hills, CA, USA.

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 APPARATUSES FOR MEASURING FREQUENCIES OF BASESTATIONS IN CELLULAR NETWORKS USING MOBILE GPS RECIEVERS by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 24, 2006, and assigned Serial No. 11/339,243, including Provisional Application Number 60/372,944, filed on April 15, 2002, and all original and reissue patents granted thereof, including Patent Application Number 10/189,044, filed on July 02, 2002, and all divisions, including Patent Application Number 11/187,175, filed on July 21, 2005, 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.

> PATENT REEL: 023426 FRAME: 0788

ASSIGNMENT

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may Assignment.

Assignment.

Assignment.

Bone at A 940 62 this 23 day of Oct 2009.

Norman F. Krasner be granted for said invention or any part thereof unto said corporation in keeping with this

PATENT REEL: 023426 FRAME: 0789

RECORDED: 10/27/2009