

FORM PTO-1619A/B

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Attorney Docket No.: 050016

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID No. <input type="checkbox"/> Correction of PTO Error Reel No. Frame No. <input type="checkbox"/> Corrective Document Reel No. Frame No.	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____
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Conveying Party(ies) NAME 1. Michael James Wengler 2. Ahmad Jalali 3. 4.	<input type="checkbox"/> Mark if additional names are attached EXECUTION DATE Month, Day, Year (MMDDYYYY) 06/14/2005 06/15/2005
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Receiving Party Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive Address (City, State, Zip Code): San Diego, California, 92121-1714	<input type="checkbox"/> Mark if additional names are attached
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Correspondent Name and Address Name: QUALCOMM Incorporated Attn: Patent Department Address: 5775 Morehouse Drive Address: San Diego, California 92121-1714	Telephone Number: (858) 658-5787 Facsimile: (858) 658-2502
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Pages (Enter the total number of pages of the attached conveyance document including any attachments)
Total number of pages: 3

Application Number(s) or Patent Number(s)
 If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application Number(s): 1. 11/165,281 2. 3. 4.	Patent Number(s): 1. 2. 3. 4.
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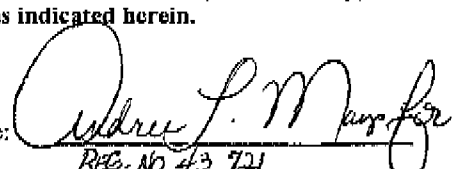
Patent Cooperation Treaty (PCT) (Enter <u>only</u> if a U.S. Application Number has not been assigned) 1. PCT/ 2. PCT/	3. PCT/ 4. PCT/
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Number of Properties (Enter the total number of properties involved)
Total number of properties: 1

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41): \$40**
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 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: 02/17/2006
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 (858) 845-8503

Signature: 
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ATTORNEY DOCKET NO. 050016

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, **Michael James Wengler**, a citizen of the United States of America, having a place of residence at 7314 Borla Place, Carlsbad, California 92009, and **Jalali Ahmad**, a citizen of Canada, having a place of residence at 17860 Avenida Amatista, Rancho Santa Fe, California, 92067; 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:

METHOD FOR DETECTING NAVIGATION BEACON SIGNALS USING TWO ANTENNAS OR EQUIVALENT THEREOF

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **June 22, 2005**, and assigned Serial No. *11/105,281* (and we hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided when known), including, without limitation, all provisional patent applications, including Serial No. 60/680,454, filed May 11, 2005, and all original and reissue patents granted thereof, and all divisions, and continuations 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.

ATTORNEY DOCKET NO. 050016

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 San Diego, California this 14 day of June, 2005.


Michael James Wengler

Done at San Diego, California this _____ day of _____, 2005.

Ahmad Jalali

ATTORNEY DOCKET NO. 050016

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 San Diego, California this _____ day of _____, 2005.

Michael James Wengler

Done at San Diego, California this 15 day of June, 2005.

A. Jalali
Ahmad Jalali