

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael W. Morrow	02/03/2009
James Norris Dieffenderfer	02/02/2009
RECEIVING PARTY DATA	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12388545
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ATTORNEY DOCKET NUMBER:	071397
NAME OF SUBMITTER:	Nicholas J. Pauley
Total Attachments: 2	
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PATENT
REEL: 022279 FRAME: 0820

ASSIGNMENT

TO WHOM IT MAY CONCERN:

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

Michael William Morrow, a citizen of the United States, having a place of residence at 205 Boltstone Court, Cary, NC 27513

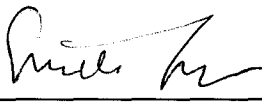
James Norris Dieffenderfer, a citizen of the United States, having a place of residence at 4000 Inkberry Court, Apex, NC 27539

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:


**METHODS AND APARATUS FOR
LOW INTRUSION SNOOP INVALIDATION**

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on February 19, 2009, and assigned Serial No. 12/388,545 (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided above when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted 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 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 that may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Executed at Raleigh, N.C. this 3 day of February, 2009. 
Michael W. Morrow

**METHODS AND APARATUS FOR
LOW INTRUSION SNOOP INVALIDATION**

Executed at RALEIGH, NC this
2ND day of FEBRUARY, 2009. 
James Norris Diffenderfer