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Nireza Hormoz Mohammadian	Name: Qualcomm, Inc.		
Patrick Burke 3. Soliman	Internal Address: Patent Dept.		
xecution Date(s) 1/14/05, 1/13/05, 1/14/05	Street Address: <u>5775 Morehouse Drive</u>		
dditional name(s) of conveying party(les) attached? Yes V No			
. Nature of conveyance: ✓ Assignment	City: San Diego		
Security Agreement Change of Name	State: California		
Government Interest Assignment	Country: usaZip: 92121		
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Other	Additional name(s) & address(es) attached? Yes Volument is being filed together with a new application.		
Serial # 10/999,745 Additional numbers a			
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PATENT REEL: 015605 FRAME: 0205 .05

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 Alireza Hormoz Mohammadian, a citizen of the United States of America having a place of residence at 5537 Havenridge Way, San Diego, California 92130, and Joseph Patrick Burke, a citizen of the United States of America having a place of residence at 3478 Corte Clarita, Carlsbad, California 92009, and Samir S. Soliman, a citizen of the United States of America having a place of residence at 11412 Cypress Canyon Park Drive, San Diego, California 92131; 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:

COMPACT ANTENNAS FOR ULTRA WIDE BANKD APPLICATIONS

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on November 29, 2004, as Serial No. 10/999,745 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 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.

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ATTORNEY DOCKET NO. 040523

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 January, 2005.

Alireza Hormoz Mohammadian

Done at San Diego, California this 13 day of Joseph Patrick Burke

Done at San Diego, California this 14 day of 5.

RECORDED: 01/18/2005