

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ranganathan Krishnan	08/26/2002
Albert S. Ludwin	08/27/2002
William R. Gardner	09/02/2002
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:	13354377
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Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 2:	Patent Department
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	020302C1C1
NAME OF SUBMITTER:	Nicholas J. Pauley

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Total Attachments: 4

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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 **Ranganathan Krishnan**, a citizen of India having a place of residence at **10311 Azuaga Street #43, San Diego, CA 92129**, **Albert S. Ludwin**, a citizen of the United States of America having a place of residence at **11975 Oakview Way, San Diego, CA 92121**, **William R. Gardner**, a citizen of the United States of America having a place of residence at **4232 Kerwood Court, San Diego, CA 92130**; 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 a **Low Power Dual Processor Architecture For Multi Mode Devices** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **November 29, 2007**, and assigned Serial No.11/946,901 (and we hereby authorize and instruct **QUALCOMM, Incorporated** to hereafter complete this Assignment by inserting the application serial number and filing date of said application in the space provided above when known), 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

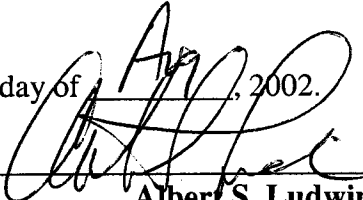
and enforce proper patent protection for said invention in all countries.

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 26 day of Aug., 2002.

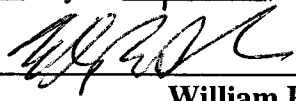
R. Ranganathan

Ranganathan Krishnan

Done at San Diego, California this 27 day of Aug, 2002.


Albert S. Ludwin

Done at San Diego, California this 2 day of September, 2002.



William R. Gardner