

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alexander Gantman	06/20/2002
RECEIVING PARTY DATA	
Name:	QUALCOMM INCORPORATED
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11349328
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NAME OF SUBMITTER:	Thomas E. Watson
Total Attachments: 2 source=ParentCaseAssignment#page1.tif source=ParentCaseAssignment#page2.tif	

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REEL: 022947 FRAME: 0775

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 **Alexander Gantman**, a citizen of the United States of America having a place of residence at **8704 Creekwood Lane, San Diego, CA 92129**; 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 **SYSTEM AND METHOD FOR USING ACOUSTIC DIGITAL SIGNATURE GENERATOR AS ORACLE** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **June 13, 2002**, and assigned Serial No. 10/171,960 (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 20 day of June, 2002.



Alexander Gantman