

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Alexander Gantman</td><td>05/31/2007</td></tr><tr><td>Gregory Rose</td><td>12/06/2006</td></tr></tbody></table>	Name	Execution Date	Alexander Gantman	05/31/2007	Gregory Rose	12/06/2006	
Name	Execution Date						
Alexander Gantman	05/31/2007						
Gregory Rose	12/06/2006						
RECEIVING PARTY DATA							
Name:	QUALCOMM Incorporated						
Street Address:	5775 Morehouse Drive						
City:	San Diego						
State/Country:	CALIFORNIA						
Postal Code:	92121						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11609299</td></tr></tbody></table>	Property Type	Number	Application Number:	11609299			
Property Type	Number						
Application Number:	11609299						
CORRESPONDENCE DATA							
Fax Number:	(858)658-2502						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	858-658-5568						
Email:	us-docketing@qualcomm.com						
Correspondent Name:	QUALCOMM Incorporated						
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Address Line 4:	San Diego, CALIFORNIA 92121						
ATTORNEY DOCKET NUMBER:	040424						
NAME OF SUBMITTER:	David Huffaker						
Total Attachments: 2							
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PATENT  
REEL: 019403 FRAME: 0464

**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, having a place of residence at 13242 Edina Way, Poway, California 92064; and Gregory G. **ROSE**, a citizen of the Australia, having a place of residence at 3234 North Star Drive, San Diego, California 92117, 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 OFF-LINE AUTHENTICATION ON A LIMITED-RESOURCE DEVICE**


by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on December 11, 2006, and assigned Serial No. 11/609,299, including, without limitation, all provisional patent applications, including Serial No. 60/749,922, filed December 12, 2005, 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.

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.

Signed at San Diego, California, this 31 day of May, 2006

  
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**Alexander Gantman**

Signed at San Diego, California, this 24 day of December, 2006

  
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**Gregory G. Rose**