

## 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>Gregory Gordon Rose</td><td>04/09/2007</td></tr><tr><td>Alexander Gantman</td><td>04/09/2007</td></tr><tr><td>Lu Xiao</td><td>04/03/2007</td></tr></tbody></table>	Name	Execution Date	Gregory Gordon Rose	04/09/2007	Alexander Gantman	04/09/2007	Lu Xiao	04/03/2007	
Name	Execution Date								
Gregory Gordon Rose	04/09/2007								
Alexander Gantman	04/09/2007								
Lu Xiao	04/03/2007								
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>11509215</td></tr></tbody></table>	Property Type	Number	Application Number:	11509215					
Property Type	Number								
Application Number:	11509215								
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								
Address Line 1:	5775 Morehouse Drive								
Address Line 4:	San Diego, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	051131								
NAME OF SUBMITTER:	David Huffaker								
Total Attachments: 2 source=051131_Assignment#page1.tif source=051131_Assignment#page2.tif									

CH \$40.00 11509215

PATENT

500261307

REEL: 019182 FRAME: 0131

**ASSIGNMENT**

TO WHOM IT MAY CONCERN:

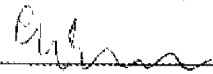
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we, Gregory Gordon **ROSE**, a citizen of Australia, having a place of residence at 3234 North Star Drive, San Diego, California 92117; Alexander **GANTMAN**, a citizen of the United States, having a place of residence at 13242 Edwina Way, Poway, California 92064; and Lu **XIAO**, a citizen of Canada, having a residence at 8730 Costa Verde Boulevard, Apt., # 2203, San Diego, California 92122, 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:

**CRYPTOGRAPHICALLY SECURED  
PSEUDO-RANDOM NUMBER GENERATOR**

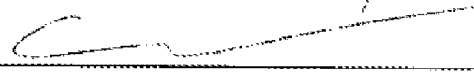
by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on August 23, 2006, and assigned Serial No. 11/509,215, including, without limitation, all provisional patent applications, including Serial No. 60/711,148 filed August 23, 2005, 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, CA, this 9<sup>th</sup> day of April, 2007

  
\_\_\_\_\_  
**Gregory Gordon Rose**

Signed at SAN DIEGO CA, this 9<sup>th</sup> day of April, 2007

  
\_\_\_\_\_  
**Alexander Gantman**

Signed at San Diego CA, this 3<sup>rd</sup> day of April, 2007

  
\_\_\_\_\_  
**Lu Xiao**