

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Paddon</td> <td>09/06/2004</td> </tr> <tr> <td>Gregory G. Rose</td> <td>09/03/2004</td> </tr> <tr> <td>Philip M. Hawkes</td> <td>09/03/2004</td> </tr> <tr> <td>James F. Semple</td> <td>09/09/2004</td> </tr> </tbody> </table>		Name	Execution Date	Michael Paddon	09/06/2004	Gregory G. Rose	09/03/2004	Philip M. Hawkes	09/03/2004	James F. Semple	09/09/2004
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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											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11874810</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11874810						
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Application Number:	11874810										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(858) 651-1901										
Email:	us-docketing@qualcomm.com										
Correspondent Name:	QUALCOMM Incorporated										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	San Diego, CALIFORNIA 92121-1714										
ATTORNEY DOCKET NUMBER:	040087C1										
NAME OF SUBMITTER:	Kristine U. Ekwueme										

Total Attachments: 3
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**PATENT
 REEL: 020135 FRAME: 0118**

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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 **Michael Paddon**, a citizen of Australia having a place of residence at 31 Armine Way, Kellyville, NSW 2155, Australia; **Gregory G. Rose**, a citizen of Australia having a place of residence at 40 Archer Street, Concord, NSW 2137, Australia; **Philip M. Hawkes**, a citizen of Australia having a place of residence at Unit 2,6-8 Belmore St., Burwood, NSW 2134, Australia; and **James F. Semple**, a citizen of Canada having a place of residence at 7 Queensgate Place, Flat 4, London, SW7 5NU, UK; 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:

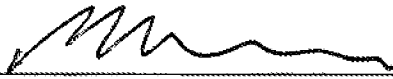
EXPIRATION OF GSM AUTHENTICATION CHALLENGES

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office herewith, including, without limitation, all provisional patent applications, Provisional Application No. 60/519,010 entitled "Expiration of GSM Authentication Challenges" filed November 10, 2003, 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.

Done at Kellyville, Australia this 6th day of Sept, 2004.



Michael Paddon

Done at Concord, Australia this 3rd day of September, 2004.



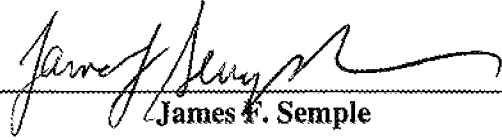
Gregory G. Rose

Done at Burwood, Australia this 3rd day of September 2004.



Philip M. Hawkes

Done at London, UK this 9 day of Sept, 2004.



James F. Semple