PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | | |
|----------------------|----------------|--|--|
| Adrian Edward Escott | 04/14/2011 | | |
| Anand Palanigounder | 04/20/2011 | | |

RECEIVING PARTY DATA

| Name: | QUALCOMM Incorporated |
|-------------------|--|
| Street Address: | 5775 Morehouse Drive |
| Internal Address: | Patent Department/Central Administration |
| City: | San Diego |
| State/Country: | CALIFORNIA |
| Postal Code: | 92121 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13084378 |

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 858-845-4265

Email: patent.docketing.us@qualcomm.com Correspondent Name: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DR.

Address Line 4: SAN DIEGO, CALIFORNIA 92121

| ATTORNEY DOCKET NUMBER: | 101644 |
|-------------------------|--------|
| | |

Thomas W. Coyne

Total Attachments: 4

NAME OF SUBMITTER:

source=101644_2011_04_22_assign#page1.tif source=101644_2011_04_22_assign#page2.tif source=101644_2011_04_22_assign#page3.tif source=101644_2011_04_22_assign#page4.tif

> **PATENT REEL: 026187 FRAME: 0102**

501513082

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/I,

- Adrian Edward Escott, a citizen of United Kingdom, having a mailing address of 5775
 Morehouse Drive, San Diego, California 92121-1714; and a resident of Reading, UK.
- Anand Palanigounder, a citizen of India, having a mailing address of 5775 Morehouse
 Drive, San Diego, California 92121-1714; and a resident of San Diego, CA, USA.

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 entire right, title and interest in and to a certain invention relating to APPARATUS AND METHOD FOR SIGNALING ENHANCED SECURITY CONTEXT FOR SESSION ENCRYPTION AND INTEGRITY KEYS by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 11, 2011, and assigned Serial No. 13/084,378, including Provisional Application Number 61/324,646, filed on April 15, 2010, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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.

> PATENT REEL: 026187 FRAME: 0103

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 Fernber | wyh, UK this 14 | day of Apri | , 2011. |
|-----------------|-----------------|---------------------------------------|----------------------|
| | | · · · · · · · · · · · · · · · · · · · | Adma, Froztt |
| | | | Adrian Edward Escott |
| Done at | this | day of | , 2011. |
| | | : | |
| | | | Anand Palanigounder |

PATENT REEL: 026187 FRAME: 0104

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/I,

- Adrian Edward Escott, a citizen of United Kingdom, having a mailing address of 5775
 Morehouse Drive, San Diego, California 92121-1714; and a resident of Reading, UK.
- 2. Anand Palanigounder, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of San Diego, CA, USA.

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 entire right, title and interest in and to a certain invention relating to APPARATUS AND METHOD FOR SIGNALING ENHANCED SECURITY CONTEXT FOR SESSION ENCRYPTION AND INTEGRITY KEYS by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 11, 2011, and assigned Serial No. 13/084,378, including Provisional Application Number 61/324,646, filed on April 15, 2010, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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.

> PATENT REEL: 026187 FRAME: 0105

| The Commi | ssioner c | of Patents a | nd Trac | lemai | rks is rec | jueste | d to | issue the | Lett | ers | Patent v | vhich | may |
|-------------------|-----------|--------------|---------------------|-------|------------|----------|-----------|-----------|-------|-----|----------|---|------|
| be granted | for said | invention | or any | part | thereof | unto | said | corpora | tion | in | keeping | with | this |
| Assignment | | | | | | | | | | | | | |
| Done at | | this | day | eof | | , 20 | П. | | | | | | |
| | | | | | <u> </u> | <u> </u> | Ad | lrian Ed | lware | d E | scott | *************************************** | - |
| Done at <u>\$</u> | an Die | <u> </u> | o ^{ff} day | of_ | April | _, 20 | 11. Pe | A | | X. | 4 | - | |

PATENT REEL: 026187 FRAME: 0106

Anand Palanigounder

RECORDED: 04/27/2011