

FORM PTO-1619A/B

U.S. Department of Commerce  
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**PATENT**

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PATENTS ONLY**

**Attorney Docket No.: 040167**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID No. <input type="checkbox"/> Correction of PTO Error Reel No.                      Frame No. <input type="checkbox"/> Corrective Document Reel No.                      Frame No.	<b>Conveyance Type</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____
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<b>Conveying Party(ies)</b> NAME 1. Theodore R. Santos 2. Andrew G. Lejman 3. David Larson 4. Jeffrey Swanson	<input type="checkbox"/> Mark if additional names are attached  <b>EXECUTION DATE</b> Month, Day, Year (MMDDYYYY) 12/13/2004 12/13/2004 12/29/2004 12/20/2004
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<b>Receiving Party</b> Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive Address (City, State, Zip Code): San Diego, California, 92121-1714	<input type="checkbox"/> Mark if additional names are attached
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<b>Correspondent Name and Address</b> Name: QUALCOMM Incorporated Attn: Patent Department Address: 5775 Morehouse Drive Address: San Diego, California 92121-1714	<b>Telephone Number:</b> (858) 658-5787 <b>Facsimile:</b> (858) 658-2502
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**Pages** (Enter the total number of pages of the attached conveyance document including any attachments)  
**Total number of pages:** 5

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

<b>Patent Application Number(s):</b> 1. 10/945,577 2. 3. 4.	<b>Patent Number(s):</b> 1. 2. 3. 4.
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**Patent Cooperation Treaty (PCT)**  
 (Enter only if a U.S. Application Number has not been assigned)

1. PCT/	3. PCT/
2. PCT/	4. PCT/

**Number of Properties** (Enter the total number of properties involved)  
**Total number of properties:** 1

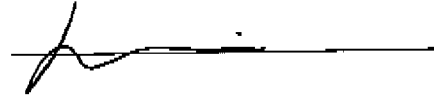
**Fee Amount**                      **Fee Amount for Properties Listed (37 CFR 3.41): \$40.00**

Method of Payment:  Enclosed     Deposit Account  
 (Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026  
 Authorization to charge additional fees:  Yes     No

**Statement and Signature**  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: January 18, 2005  
 Name: Jae-Hee Choi, Reg. No. 45,288  
       (858)651-5469

Signature: 

**FOR OFFICE USE ONLY**

CH \$40.00 170026 10945677

**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 Theodore R. Santos, a citizen of the United States of America having a place of residence at 2909 10<sup>th</sup> Street, Boulder Colorado 80301, and Andrew G. Lejman, a citizen of the United States of America having a place of residence at 395 Indian Peaks Trail West, Lafayette, Colorado 80026, and David Larson, a citizen of the United States of America having a place of residence at <sup>2017 ERIE LANE,</sup> ~~1275-26<sup>th</sup> Street,~~  
<sup>SUPRIOR,</sup> ~~Boulder Colorado 80302,~~ <sup>80027</sup> and Jeffrey Swanson, a citizen of the United States of America having a place of residence at 402 Tynan Drive, Eric, Colorado 80516; 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:

**DEVICES AND METHODS FOR CONTROLLING RELATIVE MOVEMENT BETWEEN  
 LAYERS OF AN ELECTRONIC DEVICE**

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **September 20, 2004**, as Serial No. 10/945,577 including, without limitation, all provisional patent applications, 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

*DWL*

ATTORNEY DOCKET NO. 040167

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 Boulder, Colorado this 13 day of December, 2004.

T.R.S.  
Theodore R. Santos

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Andrew G. Lejman

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
David Larson

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Jeffrey Swanson

ATTORNEY DOCKET NO. 040167

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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 Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Theodore R. Santos

Done at Boulder, Colorado this 13 day of DECEMBER, 2004.

Andrew G. Lejman  
\_\_\_\_\_  
Andrew G. Lejman

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
David Larson

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Jeffrey Swanson

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Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Theodore R. Santos

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Andrew G. Lejman

Done at Boulder, Colorado this 24<sup>th</sup> day of December, 2004.

*David Larson*  
\_\_\_\_\_  
David Larson

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Jeffrey Swanson

*Dwl*

ATTORNEY DOCKET NO. 040167

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Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Theodore R. Santos

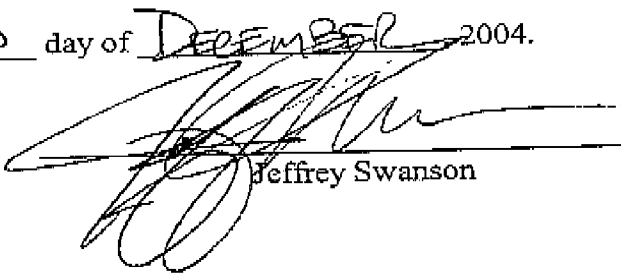
Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Andrew G. Lejman

Done at Boulder, Colorado this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
David Larson

Done at Boulder, Colorado this 20 day of DECEMBER, 2004.

  
\_\_\_\_\_  
Jeffrey Swanson