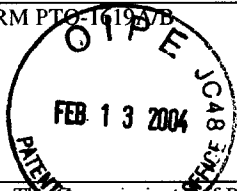


02-19-2004



102673075

R SHEET

2.1304

Attorney Docket No.: 030350

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

**Submission Type**

- New
- Resubmission (Non-Recordation)  
Document ID No.
- Correction of PTO Error  
Reel No.                      Frame No.
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Reel No.                      Frame No.

**Conveyance Type**

- Assignment
- Change of Name
- License
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- Security Agreement
- Other: \_\_\_\_\_

**Conveying Party(ies)**  Mark if additional names are attached

**NAME**

**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

Abhay Arvind Joshi  
Jeffrey Alan Dyck  
Ramin Rezaifar

2/4/2004  
2/5/2004  
2/4/2004

**Receiving Party(ies)**  Mark if additional names are attached

**Name:** QUALCOMM Incorporated  
A Delaware Corporation  
**Address:** 5775 Morehouse Drive  
**Address:** San Diego, California, 92121-1714

**Correspondence Name and Address**

**Name:** QUALCOMM Incorporated (PTO Customer No. 23696)      **Telephone Number:** (858) 651-1179  
Attn: Patent Department      **Facsimile:** (858) 658-2502  
**Address:** 5775 Morehouse Drive  
**Address:** San Diego, California 92121-1714

**Pages** (Enter the total number of pages of the attached conveyance document including any attachments)

**Total number of pages:** four

**Application Number(s) or Patent Number(s)**

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

**Patent Application Number(s):** 10/669,600      **Patent Number(s):**

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

**Total number of properties:** one

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):** \$40

Method of Payment:  Enclosed  Deposit 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: 2/4/04  
Name: Kyong H. Macek, Reg. No. 42,977  
858-651-5797

Signature:

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02/19/2004 LMUELLER 00000055 170026 10669600

01 FC:8021 40.00 DA

## 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 I,

1. **Abhay Arvind Joshi**, a citizen of India, having a place of residence at 10726 Ballystock Ct., San Diego, Ca 92131;
2. **Jeffrey Alan Dyck**, a citizen of Canada, having a place of residence at 4816 Mt. Harris Dr., San Diego, Ca 92117; and
3. **Ramin Rezaiifar**, a citizen of the United States, having a place of residence at 10896 Caminito Arcada, San Diego, Ca 92131;

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 a **RESYNCHRONIZATION OF POINT-TO-POINT PROTOCOL SESSIONS FOR INTER-PDSN HANDOFFS** by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **September 23, 2003**, and assigned U.S. Application Number **10/669,600**, 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 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

## ASSIGNMENT

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 San Diego, California this 9<sup>th</sup> day of Feb, 2004

  
\_\_\_\_\_  
**Abhay Arvind Joshi**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

\_\_\_\_\_  
**Jeffrey Alan Dyck**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

\_\_\_\_\_  
**Ramin Rezaiifar**

## ASSIGNMENT

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 San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

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**Abhay Arvind Joshi**

Done at San Diego, California this 5<sup>th</sup> day of FEB, 2004

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**Jeffrey Alan Dyck**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

---

**Ramin Rezaiifar**

## ASSIGNMENT

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 San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

---

**Abhay Arvind Joshi**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2004

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**Jeffrey Alan Dyck**

Done at San Diego, California this 4 day of Feb, 2004

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**Ramin Rezaiifar**