

Form PTO-1595 (Rev. 06/04)  
OMB No. 0951-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

- 1. Ashwin Sampath 10/12/2006
- 2. David Jonathan Julian 10/06/2006
- 3. Gavin Bernard Horn 10/06/2006
- 4. Husheng Li 10/05/2006

Execution Date(s) SEE ABOVE

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: QUALCOMM Incorporated

Internal Address: Patent Department

Street Address: 5775 Morehouse Drive

City: San Diego

State: California

Country: USA Zip: 92121

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

11/495,002

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: QUALCOMM Incorporated

Internal Address: Patent Department

Street Address: 5775 Morehouse Drive

City: San Diego

State: California Zip: 92121

Phone Number: 858-658-5787

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
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**8. Payment Information**

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b. Deposit Account Number 17-0026

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

October 16, 2006

Date

Dang Vo, Registration No. 45,183

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ATTORNEY DOCKET NO. 051069

**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 **ASHWIN SAMPATH**, a citizen of India having a place of residence at 10924 Avenida de Los Lobos, San Diego, CA 92127, **DAVID JONATHAN JULIAN**, a citizen of the United States of America having a place of residence at 17515 Fairlie Road, San Diego, CA 92128, **GAVIN BERNARD HORN**, a citizen of Canada having a place of residence at 8952 Caminito Frescco, La Jolla, CA 92037 and **HUSHENG LI**, a citizen of China having a place of residence at 8507 Capricorn Way, Apt. 48, San Diego, CA 92126; 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:

**FLOW BASED FAIR SCHEDULING IN MULTI-HOP WIRELESS NETWORKS**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **July 27, 2006**, and assigned Serial No. **11/495,002**, including, without limitation, all provisional patent applications, including Serial No. **60/730,146**, filed on **October 24, 2005** and Serial No. **60/730,213**, filed on **October 24, 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

ATTORNEY DOCKET NO. 051069

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 12 day of OCTOBER, 2006.

Ashwin  
ASHWIN SAMPATH

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
DAVID JONATHAN JULIAN

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
GAVIN BERNARD HORN

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
HUSHENG LI

ATTORNEY DOCKET NO. 051069

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 \_\_\_\_\_, 2006.

\_\_\_\_\_  
**ASHWIN SAMPATH**

Done at San Diego, California this 1<sup>st</sup> day of October, 2006.

*David Jonathan Julian*  
**DAVID JONATHAN JULIAN**

Done at San Diego, California this 6 day of October, 2006.

\_\_\_\_\_  
**GAVIN BERNARD HORN**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**HUSHENG LI**

ATTORNEY DOCKET NO. 051069

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 \_\_\_\_\_, 2006.

\_\_\_\_\_  
**ASHWIN SAMPATH**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**DAVID JONATHAN JULIAN**

Done at San Diego, California this 10<sup>th</sup> day of October, 2006.

  
\_\_\_\_\_  
**GAVIN BERNARD HORN**

Done at San Diego, California this 6 day of Oct, 2006.

\_\_\_\_\_  
**HUSHENG LI**

ATTORNEY DOCKET NO. 051069

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 \_\_\_\_\_, 2006.

\_\_\_\_\_  
**ASHWIN SAMPATH**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**DAVID JONATHAN JULIAN**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
**GAVIN BERNARD HORN**

Done at San Diego, California this 15 day of October, 2006.

  
\_\_\_\_\_  
**HUSHENG LI**



5775 Morehouse Drive  
San Diego, CA 92121  
Fax: (858) 658-2502

***Facsimile Transmittal***

**DATE:** October 16, 2006

**TO:** Assignment Recordation Services

**FROM:** Dang M. Vo, Attorney for Assignee  
Registration No. 45,183

**FAX NUMBER:** 571-273-0140

**RE:** Recordation of Assignment Document  
U.S. Patent Application Serial No. 11/495,002

**Number of Pages Sent:** 7 (including this transmittal cover sheet)

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**MESSAGE:**

Attached:  
Recordation Form Coversheet (1 pgs.)  
Assignment (5 pgs.)

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**Please contact Deborah Dean at (858) 658-5787 if all pages do not transmit.**

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