

FORM PTO-1619A/B

U.S. Department of Commerce
Patent and Trademark Office
PATENT**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 030479

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. 700197358
- ☐ Correction of PTO Error
Reel No. Frame No.
- ☐ Corrective Document
Reel No. Frame No.

Conveyance Type

- ☒ Assignment
- ☐ Change of Name
- ☐ License
- ☐ Merger
- ☐ Security Agreement
- ☐ Other: _____

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

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

1. Charles J. Persico

05/06/2005

2. Kevin Gard

05/08/2005

3. Gurkanwal Kamal Sahota

05/19/2005

4. Shinichi Miyazaki

05/25/2005

5. Steven C. Ciccarelli

05/13/2005

Receiving Party☐ Mark if additional names are attached

Name: QUALCOMM Incorporated

A Delaware Corporation

Address (Street number and name): 5775 Morehouse Drive

Address (City, State, Zip Code): San Diego, California, 92121-1714

Correspondent Name and Address

Name: QUALCOMM Incorporated

Attn: Patent Department

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Telephone Number: (858) 658-5787

Facsimile: (858) 658-2502

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

Total number of pages: 6

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):

1. 10/993,011

2.

Patent Number(s):

1.

2.

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

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: 09/30/2005

Name: Howard Seo, Reg. No. 43,106

(858) 845-5235

Signature: 

by: Timothy F. Loomis Reg. No. 37,383

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07/22/2005
700197358

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3. Gurkanyal Kamal Sahota
4. Shinichi Miyazaki
5. Steven C. Ciccarelli

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05/08/2005

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05/25/2005

05/13/2005

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Attn: Patent Department

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Date: 05/26/05

Name: Howard H. Seo, Reg. No. 43,106
(858) 845-5235Signature: *Howard H. Seo*

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Page 1 of 1

(TRANSACTION VER 1.8-07/30/03)

PATENT
REEL: 016848 FRAME: 0348

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 **Charles J. Persico**, a citizen of the United States of America having a place of residence at 18141 Querida Sol, Rancho Santa Fe, California 92067; **Kevin Gard**, a citizen of the United States of America having a place of residence at 1644 Stannard Trail, Raleigh, North Carolina 27612; **Gurkanwal Kamal Sahota**, a citizen of the United States of America having a place of residence at 3560 Curlew St, San Diego, California 92103; **Shinichi Miyazaki**, a citizen of Japan having a place of residence at 4663 Torrey Circle #H103, San Diego, California 92130; and **Steven C. Ciccarelli**, a citizen of the United States of America, having a place of residence at 2704 Luelf Street, Ramona, California 92065; 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:

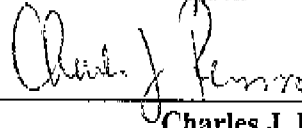
LOW-POWER WIRELESS DIVERSITY RECEIVER**WITH MULTIPLE RECEIVE PATHS**

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **November 18, 2004**, and assigned Serial No. **10/993,011**, including, without limitation, all provisional patent applications, including Serial No. **60/531,241**, filed **December 18, 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 San Diego, California this 12 day of May, 2005.



Charles J. Persico

Done at Raleigh, North Carolina this _____ day of _____, 2005.

Kevin Gard

Done at San Diego, California this _____ day of _____, 2005.

Gurkanwal Kamal Sahota

Done at San Diego, California this _____ day of _____, 2005.

Shinichi Miyazaki

Done at San Diego, California this _____ day of _____, 2005.

Steven C. Ciccarelli

ATTORNEY DOCKET NO. 030479

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 San Diego, California this _____ day of _____, 2005.

Charles J. Persico

Done at Raleigh, North Carolina this 8th day of May, 2005.



Kevin Gard

Done at San Diego, California this _____ day of _____, 2005.

Gurkanwal Kamal Sahota

Done at San Diego, California this _____ day of _____, 2005.

Shinichi Miyazaki

Done at San Diego, California this _____ day of _____, 2005.

Steven C. Ciccarelli

ATTN: EY DOCKET NO. 030479

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 San Diego, California this _____ day of _____, 2005.

Charles J. Persico

Done at Raleigh, North Carolina this _____ day of _____, 2005.

Kevin Gard

Done at San Diego, California this 18 day of May, 2005.



Gurkanwal Kamal Sahota

Done at San Diego, California this _____ day of _____, 2005.

Shinichi Miyazaki

Done at San Diego, California this _____ day of _____, 2005.

Steven C. Ciccarelli

ATTORNEY DOCKET NO. 030479

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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 San Diego, California this _____ day of _____, 2005.

Charles J. Persico

Done at Raleigh, North Carolina this _____ day of _____, 2005.

Kevin Gard

Done at San Diego, California this _____ day of _____, 2005.

Gurkanwal Kamal Sahota

Done at San Diego, California this 25 day of MAY, 2005.



Shinichi Miyazaki

Done at San Diego, California this _____ day of _____, 2005.

Steven C. Ciccarelli

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 San Diego, California this 13th day of May, 2005.

Charles J. Persico

Done at Raleigh, North Carolina this ____ day of _____, 2005.

Kevin Gard

Done at San Diego, California this ____ day of _____, 2005.

Gurkanwal Kamal Sahota

Done at San Diego, California this ____ day of _____, 2005.

Shinichi Miyazaki

Done at San Diego, California this 13th day of May, 2005.

Steven C. Ciccarelli
Steven C. Ciccarelli