

11-22-1999

FORM PTO-1619A/B



U.S. Department of Commerce
Patent and Trademark Office
PATENT

101168438

Attorney Docket No.: QCPA570
Page 1 of 1

8-9-99

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.
- Corrective Document
Reel No. 9495 Frame No. 0896

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. EDWARD G. TIEDEMANN, JR.
2. SANDIP SARKAR
- 3.
- 4.

7/6/99

7/6/99

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: Russell B. Miller

Telephone Number: (858) 658-4833
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: 4

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. 09/115,217
- 2.
- 3.
- 4.

Patent Number(s):

- 1.
- 2.
- 3.
- 4.

Patent Cooperation Treaty (PCT)

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/
2. PCT/

3. 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.

Name: Sean English, Reg No. 37,319

Signature:

Date: 8/3/99

40E
NO SPC
Fee

08/11/1999 WTHA11 00000114 170026 09115217

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(TRANSASSIGN.VER1.1-11/24/98)

PATENT
REEL: 010234 FRAME: 0164

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, **EDWARDG. TIEDEMANN, JR.**, a citizen of the United States having a place of residence at 4350 Bromfield Avenue, San Diego, California 92122; and **SANDIP SARKAR**, a citizen of India having a place of residence at 9414 Galvin Avenue, San Diego, California 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 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **CELLULAR COMMUNICATION SYSTEM WITH COMMON CHANNEL SOFT HANDOFF AND ASSOCIATED METHOD** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on July 14, 1998 and assigned Serial No. 09/115,217 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.

[QCPA570ASSIGN.]

PATENT
REEL: 010234 FRAME: 0165

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.

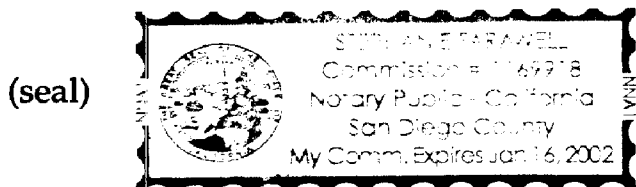
Done at San Diego, California this 6 day of July, 1999.

Edward G. Tiedemann, Jr.
Edward G. Tiedemann, Jr.

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On July 6, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared Edward G. Tiedemann, Jr. personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Stephanie Farawell
Notary Public



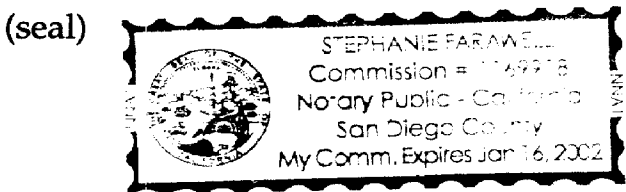
Done at San Diego, California this 6 day of July, 1999.

Sandip Sarkar
Sandip Sarkar

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On July 6, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared Sandip Sarkar personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Stephanie Farawell
Notary Public



[QCPA570ASSIGN.]

10-13-1998

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To the Honorable Commissioner c



are attached original documents or copy thereof.

1. Name of conveying party(ies):

100849570

and address of receiving party(ies).

EDWARD G. TIEDEMANN, JR.

Name: QUALCOMM, INC. incorporated 10-29

Internal Address: Patent Department

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 6455 Lusk Blvd.

City: San Diego State: CA ZIP: 92121

Execution Date: SEPTEMBER 9, 1998

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

4. 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: _____

A. Patent Application No.(s)

09/115,217

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Russell B. Miller

Internal Address: Patent Department

Street Address: 6455 Lusk Blvd.

City: San Diego State: CA ZIP: 92121

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

17-0026

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Bruce W. Greenhaus, Reg. No. 37,339

Name of Person Signing

[Signature]

Signature

9/30/98

Total number of pages including cover sheet, attachments, and document: 3

All documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box A assignment

PATENT

REEL: 9495 FRAME: 0896

PATENT

REEL: 010234 FRAME: 0167

Mkd 10-5-98

10/13/98 17:02:51 10/13/98 17:02:51

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, Edward G. Tiedemann, Jr., a citizen of The United States of American having a place of residence at 4350 Bromfield Avenue, San Diego, California 92122 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 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **CELLULAR COMMUNICATION SYSTEM WITH COMMON CHANNEL SOFT HANDOFF AND ASSOCIATED METHOD** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on July 13, 1998 and assigned Application No. 09/115,217, 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 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 any Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Page 1

[QCPA570ASSN]

PATENT
REEL: 9495 FRAME: 0897
PATENT
REEL: 010234 FRAME: 0168

Done at San Diego, California this 9 day of September, 1998.

Edward G. Tiedemann, Jr.
Edward G. Tiedemann, Jr.

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On September 9, 1998 before me, the undersigned, a Notary Public in and for said State, personally appeared Edward G. Tiedemann, Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Kayla R. Seignious
Notary Public

