

FORM PTO-1619A/B

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Attorney Docket No.: 040328

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. Frame No.

## Conveyance Type

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

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

1. Hans Dieter Schotten
- 2.
- 3.
- 4.

## EXECUTION DATE

Month, Day, Year (MMDDYYYY)  
08042005

## Receiving Party

☐ Mark if additional names are attachedName: 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: 2

## 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. 11/158,589
- 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)

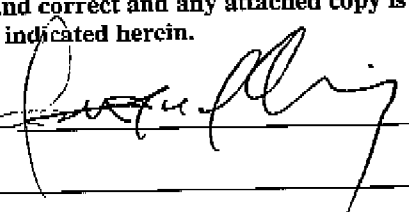
Deposit Account Number: 17-0026

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.

Date: August 24 2005

Name: George J. Oehling, Reg. No. 40,471  
(858) 658-1761Signature: 

FOR OFFICE USE ONLY

Attorney Docket No. 040328

## ASSIGNMENT

### TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, **Hans Dieter Schotten** a citizen of Germany having a place of residence at ~~Kasseler Strasse 17~~ *Dr. - Carlo - Schmid - Str. 180*, Nuremberg DE, D-90491 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:

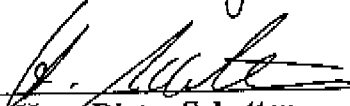
### **METHOD AND SYSTEM FOR ADAPTING AN EFFECTIVE SPREADING SEQUENCE IN A COMMUNICATION SYSTEM USING DIRECT SEQUENCE SPREADING**

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on June 21, 2005, and assigned Serial No. 11/158,589, 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 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.

Attorney Docket No. 040328

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 CA this 04 day of August, 2005.  
(City) (State)

  
Hans Dieter Schotten