

06-19-2001

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

ET

101753040

Customer No.: 23696
Attorney Docket No.: 000436

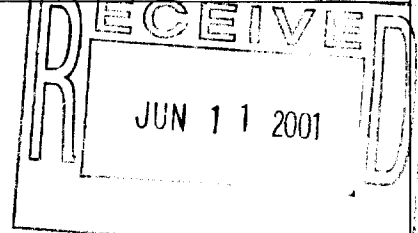
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
 Document ID No. *6-11-01*
☐ 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**

1. Tao Chen
2. Harris Simon
- 3.
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

06/06/2001

06/05/2001

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: Sarah Kirkpatrick, Manager, Intellectual Property Administration

Telephone Number: (858) 651-1179**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:** 3**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. 09/816,559 filed 03/23/2001
- 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):** \$40.00Method 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: 06/07/2001

Name: Abdollah Katbab

(858) 651-4132

00000178 170026 09816559

Signature: *Abdollah Katbab*

06/18/2001

DBYRNE

01 FC:581

40.00 CH

FOR OFFICE USE ONLY

Page 1 of 1

(TRANSASSIGN.VER1.6-1/17/2001)

PATENT
REEL: 011892 FRAME: 0491

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 **Tao Chen**, a citizen of the United States of America having a place of residence at **5415 Harvest Run Drive, San Diego, California 92130**; and **Harris Simon**, a citizen of the United States of America having a place of residence at **13937 Dodder Ct., Poway, California 92064**; 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 a **WIRELESS COMMUNICATIONS WITH ADAPTIVE ANTENNA ARRAY** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **March 23, 2001**, and assigned Serial No. **09/816,559**, 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 6th day of June, 2001.



Tao Chen

Done at San Diego, California this 5 day of June, 2001.



Harris Simon