

07-25-2003



SHEET

102508095

Attorney Docket No.: 010342

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.

7-21-03

**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)

Puay-Hoe Andrew See  
 James Jafee  
 Steven Mollenkopf  
 Sandor M. Szabo

07/03/2003  
 07/08/2003  
 06/09/2003  
 06/06/2003

**Receiving Party(ies)**  Mark if additional names are attached

**Name:** QUALCOMM Incorporated  
 A Delaware Corporation  
**Address:** 5775 Morehouse Drive  
**Address:** San Diego, California, 92121-1714

**Correspondence Name and Address**

**Name:** QUALCOMM Incorporated (PTO Customer No. 23696)  
 Attn: Patent Department  
**Address:** 5775 Morehouse Drive  
**Address:** San Diego, California 92121-1714

**Telephone Number:** (858) 651-1179  
**Facsimile:** (858) 658-2502

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

**Total number of pages:** five

**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):**

10/350,407

**Patent Number(s):**

**Number of Properties** (Enter the total number of properties involved)

**Total number of properties:** one

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):** \$40

Method of Payment:  Enclosed  Deposit 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: 07/17/03

Name: Bruce W. Greenhaus, Reg. No. 37,339  
858-651-6399

Signature:

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FINANCE SECTION  
JUL 21 AM 7:37

07/24/2003 GTOM11 00000168 170026 10350407

01 FC:0021 40.00 DA

## 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,

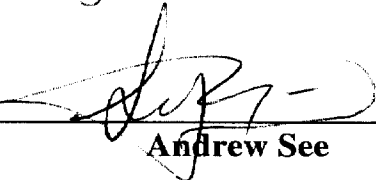
1. **Puay-Hoe Andrew See**, a citizen of Singapore, having a place of residence at 12682 Torrey Bluff Drive #230 San Diego, CA 92130;
2. **James Jaffee**, a citizen of United States of America, having a place of residence at 738 Seabright Lane, Solana Beach, CA 92075;
3. **Steven Mollenkopf**, a citizen of United States of America, having a place of residence at 4790 Tarantella Lane, San Diego, CA 92130;
4. **Sandor M. Szabo**, a citizen of Canada, having a place of residence at 4965 Marlborough Dr, San Diego, CA 92116;

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 entire right, title and interest in and to a certain invention relating to a WIRELESS COMMUNICATIONS TRANSCEIVER:TRANSMITTER USING A HARMONIC REJECTION MIXER AND AN RF OUTPUT OFFSET PHASE-LOCKED LOOP IN A TWO-STEP UP-CONVERSION ARCHITECTURE & RECEIVER USING DIRECT CONVERSION ARCHITECTURE by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office U.S. Patent Application No. 10/350,407, filed on January 24, 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 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.

## ASSIGNMENT

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 3 day of July, 2003.

  
\_\_\_\_\_  
**Andrew See**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**James Jaffee**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Steven Mollenkopf**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**Sandor Szabo**

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Andrew See**

Done at San Diego, California this 8 day of July, 2003.

  
\_\_\_\_\_  
**James Jaffee**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Steven Mollenkopf**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Sandor Szabo**

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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,

1. **Puay-Hoe Andrew See**, a citizen of Singapore, having a place of residence at 12682 Torrey Bluff Drive #230 San Diego, CA 92130;
2. **James Jaffee**, a citizen of United States of America, having a place of residence at 738 Seabright Lane, Solana Beach, CA 92075;
3. **Steven Mollenkopf**, a citizen of United States of America, having a place of residence at 4790 Tarantella Lane, San Diego, CA 92130;
4. **Sandor M. Szabo**, a citizen of Canada, having a place of residence at 4965 Marlborough Dr, San Diego, CA 92116;

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Done at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2003.

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**Andrew See**

Done at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2003.

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**James Jaffee**

Done at San Diego, California this 9 day of JUNE, 2003.

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**Steven Mollenkopf**

Done at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2003.

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**Sandor Szabo**

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Andrew See**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**James Jaffee**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Steven Mollenkopf**

Done at San Diego, California this 6 day of June, 2003.



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**Sandor Szabo**