

FORM PTO-1619A/B

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Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 020168

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:
Responsive to Document ID No.: 700054540;
Corrective to Assignment recorded on
Reel No. 012719, Frame No. 0691 (recorded on 3/8/2002)

Conveyance Type

Assignment

Change of Name

License

Merger

Security Agreement

Other: Corrective Assignment to identify third-listed assignor

Conveying Party(ies) Mark if additional names are attached

NAME **EXECUTION DATE**
Month, Day, Year (MMDDYYYY)

1. Sai Yu Duncan Ho	02/25/2002
2. Yongbin Wei	02/25/2002
3. Ragulan Sinnarajah	06/26/2002
4.	

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	Telephone Number: (858) 658-5787
Address: 5775 Morehouse Drive	Facsimile: (858) 658-2502
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: 8

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):	Patent Number(s):
1. 10/042,873 (filed 1/2002)	1.
2.	2.
3.	3.
4.	4.

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:

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

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: 12/12/03

Name: Sandra L. Godsey, Reg. No. 42,589
Phone No. 1-858-651-4517

Signature: 

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CIH \$40.00 170026 10042873



HEET

102036543

Attorney Docket No.: 020168

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

Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID No. <input type="checkbox"/> Correction of PTO Error Reel No. Frame No. 3-8-02 <input type="checkbox"/> Corrective Document Reel No. Frame No.	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____
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Conveying Party(ies) NAME 1. SAI YIU DUNCAN HO 2. YONGBIN WEI 3. 4.	<input type="checkbox"/> Mark if additional names are attached EXECUTION DATE Month, Day, Year (MMDDYYYY) 2/25/2002 2/25/2002
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Receiving Party Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive Address (City, State, Zip Code): San Diego, California, 92121-1714	<input type="checkbox"/> Mark if additional names are attached
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Correspondent Name and Address Name: QUALCOMM Incorporated Attn: Sarah Kirkpatrick, Manager, Intellectual Property Administration Address: 5775 Morehouse Drive Address: San Diego, California 92121-1714	Telephone Number: (858) 651-1179 Facsimile: (858) 658-2502
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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. 10/042,873 FILED 01/08/2002 2. 3. 4.	Patent Number(s): 1. 2. 3. 4.
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Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been assigned) 1. PCT/ 2. PCT/	3. PCT/ 4. PCT/
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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: February 27, 2002
 Name: Kyong H. Macek, Reg. No. 42,977
 (858) 651-5797

Signature:

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03/28/2002 AGHMED1 00000039 170026 10042873
 01 FC:581 40.00 CH

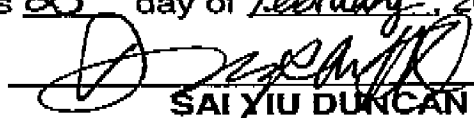
ASSIGNMENT

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 **SAI YIU DUNCAN HO**, a citizen of Canada having a place of residence at **11559 TRAILBROOK LANE, SAN DIEGO, CALIFORNIA 92128**; and **YONGBIN WEI**, a citizen of Peoples Republic of China having a place of residence at **12140 BRICKELLIA STREET, SAN DIEGO, CALIFORNIA 92129**; 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 an **IMPROVED CONTROL – HOLD MODE** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **JANUARY 8, 2002**, and assigned Application Serial No. **10/042,873**, 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.

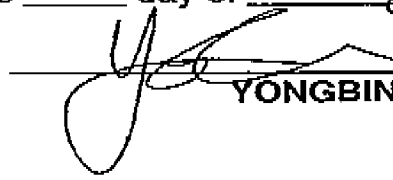
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 25th day of February, 2002.



SAI YIU DUNCAN HO

Done at San Diego, California this 25th day of February, 2002.



YONGBIN WEI

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 we **SAI YIU DUNCAN HO**, a citizen of Canada having a place of residence at **11559 TRAILBROOK LANE, SAN DIEGO, CALIFORNIA 92128**; **YOUNGBIN WEI** a citizen of Peoples Republic of China having a place of residence at **12140 BRICKELLIA STREET, SAN DIEGO, CALIFORNIA 92129**; and **RAGULAN SINNARAJAH** a citizen of Canada having a place of residence at **7524 CHARMANT DRIVE, APT. #524, 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 **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 **AN IMPROVED CONTROL – HOLD MODE** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **JANUARY 8, 2002**, and assigned Serial No. **10/042,873**, 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

at San Diego, California this 26 day of JUNE, 2002.

Ragulan Sinnarajah
RAGULAN SINNARAJAH