

02-04-2002

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

HEET

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Customer No.: 23696
Attorney Docket No.: 020106

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.
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Reel No. Frame No.
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Conveyance Type

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

JCE25 U.S. PTO
10/051774
01/16/02

Conveying Party(ies)

NAME

☐ Mark if additional names are attached

1. Raymond T. Hsu
2. Ragulan Sinnarajah
- 3.
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)
01/16/2002
01/16/2002

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: Sarah Kirkpatrick, Manager, Intellectual Property Administration

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

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Pages (Enter the total number of pages including the Recordation Sheet)

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: 01/16/2002

Patent Application Number(s):

- 1.
- 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: 01/16/2002

Name: Sandra L. Godsey, Reg. No. 42,589
(858) 651-4517Signature: Sandra L. Godsey

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02/01/2002 6T0N11 00000192 170026 10051774
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(TRANSASSIGN.VER1.6-1/17/2001)

PATENT

REEL: 012523 FRAME: 0395

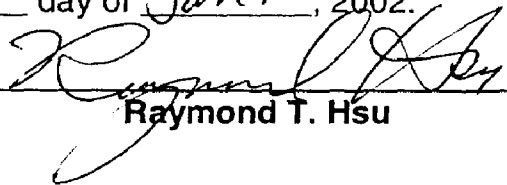
ASSIGNMENT

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 **Raymond T. Hsu**, a citizen of the United States of America having a place of residence at **17775 Penncook Ct., San Diego, California 92127**; and **Ragulan Sinnarajah**, a citizen of Canada having a place of residence at **7524 Charmant Dr, 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 a **METHOD AND APPARATUS FOR PROVISION OF BROADCAST SERVICE INFORMATION** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on even date herewith 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 16 day of Jan., 2002.



Raymond T. Hsu

Done at San Diego, California this 16 day of JAN, 2002.



Ragulan Sinnarajah