

09-06-2001

U.S. Department of Commerce  
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PATENT

HEET

101834539

Customer No.: 23696  
Attorney Docket No.: 010123

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  
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Reel No. Frame No.

08/27/01

**Conveyance Type**

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

**Conveying Party(ies)**

NAME

1. Franklin P. Antonio
2. Sanjay Jha
- 3.
- 4.

☐ Mark if additional names are attached**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

08/22/2001

08/21/2001

**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

☐ Mark if additional names are attached**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

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: \_\_\_\_\_

**Patent Application Number(s):**

1. 09/864,584 filed 05/24/2001
- 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): \$40.00

Method of Payment: ☐ Enclosed ☒ Deposit Account(Enter for payment by deposit account or if additional fees can be charged to the account.  
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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: 08/22/2001

Name: Maryanne E. DeAngelo, Reg. No. 47,228  
(858) 651-2384Signature: *Maryanne DeAngelo*

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Page 1 of 1

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

PATENT

REEL: 012126 FRAME: 0422

# ASSIGNMENT

TO WHOM IT MAY CONCERN:

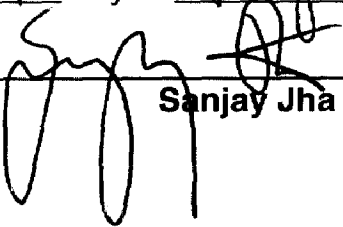
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we **Franklin P. Antonio**, a citizen of the United States of America having a place of residence at **2765 Cordoba Cove, Del Mar, California 92014**; and **Sanjay Jha**, a citizen of the United States of America having a place of residence at **12386 Sycamore Ridge Court, San Diego, 92131**; 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 **VARIABLE MODE MULTI-MEDIA DATA OBJECT STORAGE DEVICE** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **05/24/2001**, and assigned Serial No. **09/864,584**, 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 22 day of Nov, 2001.

  
\_\_\_\_\_  
**Franklin P. Antonio**

Done at San Diego, California this 21<sup>st</sup> day of August, 2001.

  
\_\_\_\_\_  
**Sanjay Jha**