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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):
Carlos J.R.P. AUGUSTO
Pedro N.C. DINIZ

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
 Name: **QUANTUM SEMICONDUCTOR LLC**

Address: **4320 Stevens Creek Blvd,
 Suite 212
 San Jose, CA 95129**

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Date: **March 15, 2005**

Additional name(s) and address(es) attached?
 Yes No

4. Application number(s) or patent number(s): _____

This document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s). 10/522,805	B. Patent No(s).
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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No.: 00466
YOUNG & THOMPSON
 Second Floor
 745 South 23rd Street
 Arlington, VA 22202
 Phone: 703-521-2297
 Fax: 703-685-0573


6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41) **\$40.00**
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8. Deposit Account No. **25-0120**
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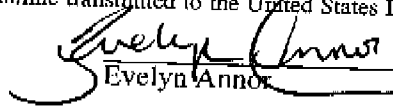
9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Benoit Castel 
 Name of Person Signing Signature **August 30, 2005**
 Date

Total number of pages including cover sheet, attachments, and documents: **2**

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

Carlos J.R.P. AUGUSTO and Pedro N.C. DINIZ

who have created a certain invention for which an application for United States Letters Patent has been executed concurrently herewith and is entitled:

ASYNCHRONOUS SERIAL ANALOG-TO-DIGITAL CONVERTER METHODOLOGY HAVING DYNAMIC ADJUSTMENT OF THE BANDWIDTH

Do hereby sell, assign and transfer to:

QUANTUM SEMICONDUCTOR LLC

referred to herein as "Assignee", whose address is:

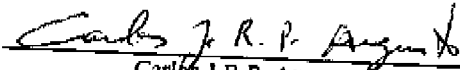
4320 Stevens Creek Blvd, Suite 212
San Jose, CA 95129
United States of America

its successors, assigns and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any continuation-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional application) which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Assignee may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuation-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

In testimony whereof, we have hereunto set our signatures on the date(s) indicated below.



Carlos J.R.P. Augusto



Pedro N.C. Diniz

Date: March 15, 2005

Date: March 15, 2005