

06/17/04

06-29-2004

Form PTO-1595 (Rev. 10/02)

RECO



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

102778504

Tab settings

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

1. Name of conveying party(ies): Marvell Semiconductor, Inc.

2. Name and address of receiving party(ies) Name: Marvell International Ltd.

Internal Address:

22387 U.S. PTO 10/872098

061704

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Argyle House Street Address: 41A Cedar Avenue

City: Hamilton, BERMUDA State: Zip: HM12

Execution Date: 06-17-2004

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

4. Application number(s) or patent number(s): 10/872098

If this document is being filed together with a new application, the execution date of the application is: 06-16-2004

A. Patent Application No.(s)

06/24/2004 HLE333 00000004 10872098

B. Patent No.(s)

04 FC: 021

40.00 0P

Additional numbers attached? Yes No

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

Name: Eric Janofsky

Internal Address: VP Intellectual Property and

General Patent Counsel

Marvell Semiconductor, Inc.

Street Address: 700 First Avenue

Mail Stop 509

City: Sunnyvale State: CA Zip: 94089

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Andrew D. Fortney, Ph.D.; Reg No. 34,600

Name of Person Signing

Signature

06-17-2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 015501 FRAME: 0409

ASSIGNMENT

Corporate

Marvell Semiconductor, Inc., a California corporation, having a principal place of business at 700 First Avenue, Sunnyvale, CA 94089 (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

Marvell International Ltd., a corporation of Bermuda, having a place of business at Argyle House, 41A Cedar Avenue, Hamilton, Hm12, Bermuda (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

<u>Marvell Semiconductor, Inc. Case No.</u>	<u>U. S. Serial No.</u>	<u>U. S. Filing Date</u>	<u>Title</u>
MP0451	Not Yet Assigned	Filed Herewith	Circuits, Architectures, Systems, Methods, Algorithms and Software for Conditional Modulation Coding

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patent Application and on any continuation, division, reissue or reexamination of any of the Patent Application.

The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

Marvell Semiconductor, Inc., a California corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application identified above by virtue of Assignment from the inventors of the Patent Application identified above. Assignment to be recorded in the Patent and Trademark Office as identified below.

<u>Marvell Semiconductor, Inc. Case No.</u>	<u>U. S. Serial No.</u>	<u>Assignment Execution Date</u>
MP0451	Not Yet Assigned	6/14/04

The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

Marvell Semiconductor, Inc.

By: _____


Eric Janofsky

Title: Vice President Intellectual Property and General Patent Counsel

Date: 6/17/04