Form PTO-1595         RECODE         01 - 17 -           Rev 10/02)         01 - 17 -           OMBayo 0651-0027 (exp. 6/30/2005)         01 - 17 -	2007 ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Express Mail Label No.
	EV 757 778 692 US
	Marvell Docket No. MP0751
Tab settings ⇔ ⇔ ➡ ■ 10336	
THAT THAT I HONORABLE COMMISSIONER OF MATERITS and Trademarks: F	Please Record the attached original documents of copy thereof.
<ol> <li>Name of conveying party(ies):</li> </ol>	2. Name and address of receiving party(ies)
Marvell Semiconductor, Inc.	Name: Marvell International Ltd.
	Internal Address:
Additional name of conveying party(ies) attached? 🗌 Yes 🛛 No	
3. Nature of conveyance:	Street Address: Argyle House
Assignment 🗌 Merger	41A Cedar Avenue
Security Agreement Change of Name	City: Hamilton State: Bermuda Zip:
Other	HM12
Execution Date: October 18, 2006	Additional Name(s) & address(es) attached? 🗌 Yes 🛛 No
2007 SSITHIB1 00000106 11324933	
	ached? 🗌 Yes 🖾 No
	ached?  Yes  No 6. Total number of applications and patents involved: 1
5. Name and address of party to whom correspondence	<ol> <li>Total number of applications and patents involved: 1</li> <li>Total fee (37 CFR 3.41) \$ <u>40 (via attached credit card</u></li> </ol>
<ul> <li>40.00 OP Additional numbers atta</li> <li>5. Name and address of party to whom correspondence concerning this document should be mailed:</li> </ul>	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ <u>40 (via attached credit card authorization)</u></li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41)\$ <u>40 (via attached credit card authorization)</u></li> <li>X Enclosed</li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ <u>40 (via attached credit card authorization)</u></li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41)\$ <u>40 (via attached credit card authorization)</u></li> <li>X Enclosed</li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li> Enclosed Authorized to be charged to deposit account </li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments</li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ <u>40 (via attached credit card authorization)</u></li> <li> Enclosed Authorized to be charged to deposit account </li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is</li></ul>
40.00 0P       Additional numbers atta         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills       State: MI       Zip: 48303	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li> Enclosed Authorized to be charged to deposit account </li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</li></ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce. P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills         State:       MI         Zip:       48303	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li>☑ Enclosed</li> <li>☐ Authorized to be charged to deposit account</li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills       State: MI       Zip: 48303         DO NOT USE         0. Statement and signature.	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li> Enclosed Authorized to be charged to deposit account </li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE</li></ul>
40.00 0P       Additional numbers atta         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness, Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills       State: MI         Zip:       48303         DO NOT USE         9. Statement and signature.         To the best of my knowledge and belief, the foregoing infon is a true copy of the original document.         Michael D, Wiggins	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li>☑ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> <li>E THIS SPACE</li> </ul>
40.00 0P       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:         Name:       Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills       State: MI         Zip:       48303         DO NOT USE         9. Statement and signature.         To the best of my knowledge and belief, the foregoing infonis a true copy of the original document.         Michael D. Wiggins         Name of Person Signing	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41)\$ 40 (via attached credit card authorization)</li> <li> Enclosed Authorized to be charged to deposit account </li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE mation is true and correct and any attached copy Signature Date</li></ul>
40.00 CP       Additional numbers attained         5. Name and address of party to whom correspondence concerning this document should be mailed:       Name: Michael D. Wiggins         Internal Address:       Harness. Dickey & Pierce, P.L.C.         Street Address:       P.O. Box 828         City:       Bloomfield Hills         Statement and signature.       Zip: 48303         DO NOT USE         9. Statement and signature.         To the best of my knowledge and belief, the foregoing infonis a true copy of the original document.         Michael D. Wiggins         Name of Person Signing         Total number of pages including	<ul> <li>6. Total number of applications and patents involved: 1</li> <li>7. Total fee (37 CFR 3.41) \$ 40 (via attached credit card authorization)</li> <li>☑ Enclosed</li> <li>☑ Authorized to be charged to deposit account</li> <li>8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> <li>E THIS SPACE</li> </ul>

REEL: 018778 FRAME: 0867

## 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</u> Semiconductor, Inc. Case No.	<u>U. S. Serial</u> <u>No.</u>	<u>U. S. Filing</u> Date	Title
MP0751	11/324,933	1/4/2006	Processing System and Method For Transform
MP0751PR	60/704,635	8/2/2005	Preprocessing System for Data Piping

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

> PATENT REEL: 018778 FRAME: 0868

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,</u> <u>Inc.</u> <u>Case No.</u>	<u>U. S. Serial No.</u>	Assignment Execution Date
MP0751	11/324,933	October 13, 2006

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 Separconductor, Inc. By: Eric Janofsky

Title: Vice President Intellectual Property and General Patent Counsel

Date \_\_\_\_\_ October 18, 2006\_\_\_\_\_

OMB No. 265 1-0027 (exp. 6/30/2005) PATE	ORM COVER SHEET U.S. DEPARTMENT OF COMME U.S. Patent and Trademark Of EXPRESS Mail Label No. EV 757 778 692 US Marvell Docket No. MP0751
N 0 9 2007 E	
Tab settings $(\neg \neg \neg$	adva Diago Report the otterhod original deguments or copy thereof
1. Name of conveying party(ies): Marvell Semiconductor, Inc.	Please Record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name: Marvell International Ltd.
Additional name of conveying party(ies) attached?  Yes	Internal Address:
3. Nature of conveyance: <sup>1</sup> ⊠ Assignment □ Merger	Street Address: Argyle House 41A Cedar Avenue
Security Agreement Change of Nam Other	e City <u>: Hamilton</u> State: <u>Bermuda</u> Zip: HM12
Execution Date: October 18, 2006	Additional Name(s) & address(es) attached?  Yes X N
5. Name and address of party to whom correspondence	ers attached? ☐ Yes ⊠ No 6. Total number of applications and patents involved: 1
concerning this document should be mailed: Name: Michael D. Wiggins	7. Total fee (37 CFR 3.41) \$ 40 (via attached credit ca
Internal Address: Harness, Dickey & Pierce, P.L.C.	authorization)
	Authorized to be charged to deposit account
	<ul> <li>8. The Commissioner is hereby authorized to charge any</li> </ul>
Street Address: P.O. Box 828	<ul> <li>additional fees that may be required or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet</li> </ul>
City: Bloomfield Hills State: MI Zip: 48303	additional fees that may be required or credit any overpayment     to Deposit Account No. 08-0750. A duplicate copy of this she     enclosed.     (Attach duplicate copy of this page if paying by deposit account
City: Bloomfield Hills State: MI Zip: 48303	additional fees that may be required or credit any overpaymen     to Deposit Account No. 08-0750. A duplicate copy of this shee     enclosed.
City: Bloomfield Hills State: MI Zip: 48303 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Michael D. Wiggins Name of Person Signing	additional fees that may be required or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheer enclosed.     (Attach duplicate copy of this page if paying by deposit account T USE THIS SPACE     Information is true and correct and any attached copy     January 9, 2007     Date
City: Bloomfield Hills State: MI Zip: 48303 DO NO 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Michael D. Wiggins Name of Person Signing Total number of pages inclu-	additional fees that may be required or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheer enclosed.     (Attach duplicate copy of this page if paying by deposit account T USE THIS SPACE     information is true and correct and any attached copy     January 9, 2007

REEL: 018778 FRAME: 0870

RECORDED: 01/09/2007