Docker No. MP1195 129500  Please record the attached document.  Total number of pages including cover sheet, attachments, and document: 2  1. A. Name of conveying party(ies):  MARVELL ASIA PTE, LTD.  B. Additional name(s) of conveying party(ies) attached?    Yes No	Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450	RECORDATION FOR PATENTS		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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1. A. Name of conveying party(ies):  MARVELL ASIA PTE, LTD.  B. Additional name(s) of conveying party(ics) attached?  □ Yes ⋈ No  MARVELL INTERNATIONAL LTD.  ARGYLE HOUSE  41A CEDAR AVENUE  HAMILTON, HM12, BERMUDA  3. A. Nature of conveyance:  □ Security Agreement  □ Other  □ Other  □ B. Execution Date: October 18, 2008  4. A. Patent Application No.(s) 11/777.758  B. Patent No.(s)  Additional numbers attached?  □ Yes ⋈ No  C. Title of Application:  POWER SAVING CIRCUIT  5. Name and address of party to whom correspondence concerting document should be mailed:  Name: Imaga A. Oliff.  Address: OLIFF & BERRIDGE, PLC  P.O. Box 320850  Alexandria, Virginia 22324-4850  Telephone: (193) 86-64100  Fax Number: 703-836-2787  Date: October 23, 2008				
MARVELL ASIA PTE, LTD.  B. Additional name(s) of conveying party(ics) attached?  □ Yes ☒ No  MARVELL INTERNATIONAL LTD.  ARGYLE HOUSE 41A CEDAR AVENUE HAMILTON, HM12, BERMUDA  B. Additional name(s) & address(es) attached? □ Yes ☒ No  Assignment: □ Other □ Security Agreement: □ Other □ B. Execution Date: October 18, 2008  4. A. Patent Application: POWER SAVING CIRCUIT  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: James A. Oliff:  Name: James A. Oliff:  7. Please charge Deposit Account No. 15-0461 total fee (37 CFR 3.41) in the amount of \$40.00 Address: OLIFF & BERRIDGE, PLC P.O. Box 120850 Alexandria, Virginia; 21320-4850 Telephone: (703) 836-6400  Pax Number: 703-836-2787  Pages A. Oliff: Registration No. 27,075		τ sheet, attachments, and docun	nent: 3	
B. Additional name(s) of conveying party(ies) attached?    Yes   No	A. Name of conveying party(is	es):	2. A. Name and	address of receiving party(ies):
Yes No		eying party(ics) attached?	ARGYI 41A CE	E HOUSE DAR AVENUE
Security Agreement	3. A. Nature of conveyance:		B. Additions	
B. Execution Date: October 18, 2008  4. A. Patent Application No.(s) 11/777.758  B. Patent No.(s)  Additional numbers attached? Yes No  C. Title of Application: POWER SAVING CIRCUIT  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: James A. Oliff.  Name: James A. Oliff.  Address: OLIFF & Berringe, Plc P.O. Box 320850 Alexandria, Virginia 22320-4850 Telephone: (703) 836-6400 Fax Number: 703-836-2787   9. Statement and signature. To the best of my knowledge and hellef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  Date: October 23, 2008	Assignment	☐ Merger		
B. Execution Date: October 18, 2008  4. A. Patent Application No.(s) 11/777.758  B. Patent No.(s)  Additional numbers attached?	Security Agreement	Change of Name		
A. Patent Application No.(s) 11/777.758  B. Patent No.(s)  Additional numbers attached?  ☐ Yes ☑ No  C. Title of Application: POWER SAVING CIRCUIT  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Iames A. Oliff.  ☐ 7. Please charge Deposit Account No. 15-0461 total fee (37 CFR 3.41) in the amount of \$40.00 Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, Virginia 22320-4850 Telephone: (703) 836-6400 Fax Number: 703-836-2787   9. Statement and signature.  To the best of my knowledge and ballef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  James A. Patent No.(s)  Additional numbers attached? ☐ Yes ☒ No  C. Title of Application: POWER SAVING CIRCUIT  6. Total number of applications and patents involved: I  7. Please charge Deposit Account No. 15-0461  total fee (37 CFR 3.41) in the amount of \$40.00  deposit account number 15-0461.  Page 2. October 23, 2008  Date: October 23, 2008	☐ Other			
Additional numbers attached?	B. Execution Date: October	18, 2008		
C. Title of Application: POWER SAVING CIRCUIT  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: James A. Oliff.  Name: James A. Oliff.  Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, Virginia 22320-4850 Telephone: (703) 836-6400 Fax Number: 703-836-2787   9. Statement and signature.  To the best of my knowledge and beltef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  Date: October 23, 2008	4. A. Patent Application No.(s)	.1/777,758	B. Patent No	.(5)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: James A. Oliff.  Name: James A. Oliff.  Name: James A. Oliff.  7. Please charge Deposit Account No. 15-0461 total fee (37 CFR 3.41) in the amount of \$40.00  Address: OLIFF & BERRIDGE, PLC P.O. Box 320850  Alexandria, Virginia 22320-4850 Telephone: (703) 836-6400 Fax Number: 703-836-2787   9. Statement and signature.  To the best of my knowledge and hallef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  Date: October 23, 2008		Additional numbers attac	ched? 🔲 Yes 🖾 No	
Name: James A. Oliff.  Name: James A. Oliff.  7. Please charge Deposit Account No. 15-0461 total fee (37 CFR 3.41) in the amount of \$40.00  Address: Oliff & Berringe, Plc P.O. Box 320850 Alexandria, Virginia 22320-4850 Telephone: (703) 836-6400 Fax Number: 703-836-2787  8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.  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 docyrien:  Date: October 23, 2008	C. Title of Application: <u>PO</u>	WER SAVING CIRCUIT		
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To the best of my knowledge and hollef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  James A faitf, Registration No. 27,075	P.O. Box 320850 Alexandria, Virgini Telephone: (703) 83	■ 22320-4850 36-6400		
To the best of my knowledge and holdef, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: October 23, 2008  James A Mitf, Registration No. 27,075				
James A Miff, Registration No. 27,075	To the best of my knowledge and	hollef, the foregoing informati		
			Date: (	DATENT

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## <u>ASSIGNMENT</u>

## Corporate

Marvell Asia Pte, Ltd., a Singapore corporation, having a principal place of business at 151 Lorong Chuan #02-05, New Tech Park, 556741, Singapore (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application(s) identified below (hereafter sometimes called the "Patent Application(s)").

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(s) 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(s) identified below, and all inventions described and claimed therein or entitled to the benefit thereof, 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 Asia Pte.</u> <u>Ltd Case No.</u>	U.S. Serial No.	U. S. Filing Date	<u>Title</u>
MP1195	11/777,758	07/13/2007	Power Saving Circuit
MP1195PR	60/831,804	07/19/2006	Method of Power Saving

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application(s) 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(s) 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

Customer No. 23624

pago 1/2

PATENT REEL: 021737 FRAME: 0483 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(s) and on any continuation, division, reissue or reexamination of any of the Patent Application(s).

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 Asia Pte, Ltd., a Singapore corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application(s) identified above by virtue of Assignment(s) from the inventors of the Patent Application(s) identified above. Assignment(s) to be recorded in the Patent and Trademark Office as identified below.

Maryell Asia Pte, Ltd. Case No.	U. S. Serial No.	Assignment Execution Dete	
MP1195	11/777,758	07/13/2007	
MP1195PR	60/831,804	07/18/2007	

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 Asia Pte, Ltd.	
Ву:	of on	
- <b>,</b>	Steven Kim Parker	
Title:	Director	
Date:	18 October 2008	
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