

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3198362

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARVELL TECHNOLOGY (SHANGHAI) LTD.	07/18/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MARVELL INTERNATIONAL LTD.
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<b>City:</b>	HAMILTON
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<b>Postal Code:</b>	HM12
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14338450
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<b>ATTORNEY DOCKET NUMBER:</b>	MP5383
<b>NAME OF SUBMITTER:</b>	HORACE NG
<b>SIGNATURE:</b>	/Horace Ng/
<b>DATE SIGNED:</b>	01/26/2015
<b>Total Attachments: 2</b>	
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ASSIGNMENT

Corporate

Marvell Technology (Shanghai) Ltd., a Chinese corporation, having a principal place of business at Building 4, 399 Ke Yuan Road, Shanghai, China, 201203 (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 Canon's Court, 22 Victoria Street, 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 US One Dollar (\$1.00) US 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, continuations, and foreign counterparts 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 Technology (Shanghai) Ltd. Case No.</u>	<u>U. S. Serial No.</u>	<u>U. S. Filing Date</u>	<u>Title</u>
MP5383	Not Yet Assigned	Herewith	METHOD AND SYSTEM FOR COMPILER OPTIMIZATION
MP5383PR	61/857,952	July 24, 2013	TYPE-BASED EARLY STAGE REGISTER ALLOCATION OPTIMIZATION TECHNOLOGY APPLIED TO MULTI REGISTER VIRTUAL MACHINE

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
- 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 Technology (Shanghai) Ltd., a China 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.

<u>Marvell Technology (Shanghai) Ltd. Case No.</u>	<u>U. S. Serial No.</u>	<u>Assignment Execution Date</u>
MP5383	Not Yet Assigned	<u>July 17, 2014</u>
MP5383PR	61/857,952	<u>July 17, 2014</u>

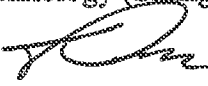
The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

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 Technology (Shanghai) Ltd.

By:   
Steven Parker

Title: Director

Date: JULY 18, 2014