

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vijay Karamcheti</td> <td>12/07/2007</td> </tr> <tr> <td>Rajesh Parekh</td> <td>12/07/2007</td> </tr> <tr> <td>Kumar Ganapathy</td> <td>12/10/2007</td> </tr> <tr> <td>George Moussa</td> <td>12/10/2007</td> </tr> <tr> <td>Kenneth A. Okin</td> <td>12/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Karamcheti	12/07/2007	Rajesh Parekh	12/07/2007	Kumar Ganapathy	12/10/2007	George Moussa	12/10/2007	Kenneth A. Okin	12/07/2007
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George Moussa	12/10/2007												
Kenneth A. Okin	12/07/2007												
RECEIVING PARTY DATA													
Name:	Virident Systems, Inc.												
Street Address:	500 Yosemite Drive, Suite 108												
City:	Milpitas												
State/Country:	CALIFORNIA												
Postal Code:	95035												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14016202</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14016202								
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Application Number:	14016202												
CORRESPONDENCE DATA													
Fax Number:	9496824813												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	William E. Alford												
Signature:	/William E. Alford/												

OP \$40.00 14016202

Date:

09/07/2013

Total Attachments: 2

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Virident Systems, Inc.  
500 Yosemite Drive  
Suite 108  
Milpitas, CA 95035**

(hereinafter ASSIGNEE) all rights, title and interest in and to his invention relating to:

**METHODS OF COMMUNICATING TO MEMORY MODULES IN A MEMORY CHANNEL  
(as amended)**

in any form or embodiment thereof, in the United States and all other countries, including applications for patents in all countries throughout the world and through the Patent Cooperation Treaty and/or European Patent Convention, as set forth in his United States Patent Application (check one):

- executed concurrently herewith,
- executed on \_\_\_\_\_,
- Serial No. 11/864,823, filed September 28, 2007,
- PCT International Application, No.: \_\_\_\_\_, filed \_\_\_\_\_,

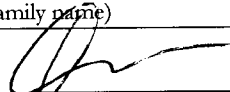
including any and all applications claiming priority to said applications, divisions or continuations thereof and in and to any and all Letters Patent of the United States and all other countries which may issue on any such application or for said invention, including any and all reissues or extensions thereof, and all rights under the International Convention for the Protection of Industrial Property, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;


Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

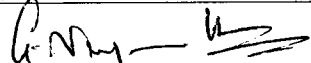
Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

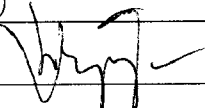
Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention;

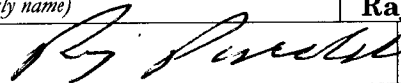
Each of the undersigned hereby grants the firm of **Orion Law Group, PLC.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<b>Full Name of First Inventor:</b> (given name, middle initial, family name)		<b>Kenneth A. Okin</b>	
Inventor's Signature		Execution Date	<u>12/7/07</u>

<b>Full Name of Second Inventor:</b> <i>(given name, middle initial, family name)</i>		<b>George Moussa</b>	
Inventor's Signature		Execution Date	12/10/07

<b>Full Name of Third Inventor:</b> <i>(given name, middle initial, family name)</i>		<b>Kumar Ganapathy</b>	
Inventor's Signature		Execution Date	12/10/07

<b>Full Name of Fourth Inventor:</b> <i>(given name, middle initial, family name)</i>		<b>Vijay Karamcheti</b>	
Inventor's Signature		Execution Date	12/07/2007

<b>Full Name of Fifth Inventor:</b> <i>(given name, middle initial, family name)</i>		<b>Rajesh Parekh</b>	
Inventor's Signature		Execution Date	12/7/07

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.