

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vijay Karamcheti</td> <td>09/12/2003</td> </tr> <tr> <td>Ashish Singhai</td> <td>09/12/2003</td> </tr> <tr> <td>Ashwin Narasimha</td> <td>09/12/2003</td> </tr> <tr> <td>Muthugopalkrishnan Adishesan</td> <td>09/11/2003</td> </tr> <tr> <td>Viswesh Sankaran</td> <td>09/14/2003</td> </tr> <tr> <td>ajith Kumar</td> <td>09/11/2003</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Karamcheti	09/12/2003	Ashish Singhai	09/12/2003	Ashwin Narasimha	09/12/2003	Muthugopalkrishnan Adishesan	09/11/2003	Viswesh Sankaran	09/14/2003	ajith Kumar	09/11/2003
Name	Execution Date														
Vijay Karamcheti	09/12/2003														
Ashish Singhai	09/12/2003														
Ashwin Narasimha	09/12/2003														
Muthugopalkrishnan Adishesan	09/11/2003														
Viswesh Sankaran	09/14/2003														
ajith Kumar	09/11/2003														
<b>RECEIVING PARTY DATA</b>															
<table border="1"> <tr> <td>Name:</td> <td>Virident Systems Inc.</td> </tr> <tr> <td>Street Address:</td> <td>500 Yosemite Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 108</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	Virident Systems Inc.	Street Address:	500 Yosemite Drive	Internal Address:	Suite 108	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035		
Name:	Virident Systems Inc.														
Street Address:	500 Yosemite Drive														
Internal Address:	Suite 108														
City:	Milpitas														
State/Country:	CALIFORNIA														
Postal Code:	95035														
<b>PROPERTY NUMBERS Total: 2</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13841026</td> </tr> <tr> <td>Application Number:</td> <td>61746694</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13841026	Application Number:	61746694								
Property Type	Number														
Application Number:	13841026														
Application Number:	61746694														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	8777697945														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(202) 626-6428														
Email:	apsi@fr.com														
Correspondent Name:	Ayan Roy-Chowdhury														
Address Line 1:	FISH & RICHARDSON P.C.														
Address Line 2:	P.O.BOX 1022														
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022														

CH \$80.00 13841026

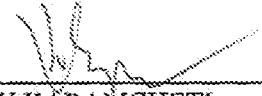
ATTORNEY DOCKET NUMBER:	22739-0021001
NAME OF SUBMITTER:	Arlene F. Yates
Signature:	/Arlene F. Yates/
Date:	09/16/2013
Total Attachments: 3 source=22739-0021001 Assignment#page1.tif source=22739-0021001 Assignment#page2.tif source=22739-0021001 Assignment#page3.tif	

ASSIGNMENT


For valuable consideration, we, VIJAY KARAMCHETI of 3506 Waverley Street, Palo Alto, CA 94306, ASHISH SINGHAI of 19906 Beekman Place, Cupertino, CA 95014, ASHWIN NARASIMHA of 1484 Kingfisher Way, Sunnyvale, CA 94087, MUTHUGOPALKRISHNAN ADISESHAN of A-308, Shriram Symphony, Off. Kanakapura Road (Diagnolly opp. Holiday Village Resort), Mallasandra, Bangalore 560 062 India, VISWESH SANKARAN of DI, Cauvery, Goodwill Apartments, Chandra Layout, Vijayanagar, Bangalore- 560 040 India, and AJITH KUMAR of Flat No T3(Queen Block), Santara Magan Place, Near Maruthi Dental College, Off Bannerghatta Road, Dodda Kammanahalli, Bangalore – 560076 India, hereby assign to Virident Systems Inc., a corporation of California having a place of business at 500 Yosemite Drive, Suite 108, Milpitas, CA 95035; and its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SYSTEM AND METHOD TO IMPROVE ENTERPRISE RELIABILITY THROUGH TRACKING I/O PERFORMANCE METRICS IN NON-VOLATILE RANDOM ACCESS MEMORY, filed 3/15/2013, and assigned U.S. Serial Number 13/841,026, and United States Provisional Patent Application entitled SYSTEM AND METHOD TO IMPROVE ENTERPRISE RELIABILITY THROUGH TRACKING I/O PERFORMANCE METRICS IN NON-VOLATILE RANDOM ACCESS MEMORY, filed 12/28/2012, and assigned U.S. Serial Number 61/746,694, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further

applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

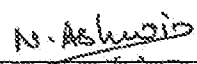
Date: 09/12/2013

  
VIJAY KARAMCHETI

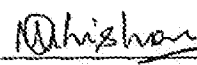
Date: 9.12.2013

  
ASHISH SINGHAI

Date: 9/12/2013

  
ASHWIN NARASIMHA

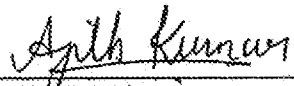
Date: 9/11/2013

  
MUTHUGOPALKRISHNAN ADISESHAN

Date: \_\_\_\_\_

\_\_\_\_\_  
VISWESH SANKARAN

Date: 9/11/2013

  
AJITH KUMAR

40909478.doc

applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: \_\_\_\_\_  
VIJAY KARAMCHETI

Date: \_\_\_\_\_  
ASHISH SINGHAI

Date: \_\_\_\_\_  
ASHWIN NARASIMHA

Date: 9/11/2012  
*Ashish*  
MUTHUGOPALKRISHNAN ADISESHAN

Date: 12/09/2013  
*Viswes*  
VISWESH SANKARAN

Date: 9/11/2013  
*Ajith Kumar*  
AJITH KUMAR

40909472.doc