

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Joji Philip</td> <td>10/22/2012</td> </tr> <tr> <td>Sailesh Kumar</td> <td>01/22/2012</td> </tr> <tr> <td>Eric Norige</td> <td>10/22/2012</td> </tr> <tr> <td>Mahmud Hassan</td> <td>10/22/2012</td> </tr> <tr> <td>Sundari Mitra</td> <td>10/22/2012</td> </tr> </tbody> </table>	Name	Execution Date	Joji Philip	10/22/2012	Sailesh Kumar	01/22/2012	Eric Norige	10/22/2012	Mahmud Hassan	10/22/2012	Sundari Mitra	10/22/2012	
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RECEIVING PARTY DATA													
Name:	NETSPEED SYSTEMS												
Street Address:	2670 Seely Avenue												
City:	San Jose												
State/Country:	CALIFORNIA												
Postal Code:	95134												
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>13658663</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13658663									
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Application Number:	13658663												
CORRESPONDENCE DATA													
Fax Number:	2022937860												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	sughrue@sughrue.com												
Correspondent Name:	Francis G. Plati, Sr.												
Address Line 1:	2100 Pennsylvania Avenue												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037												
ATTORNEY DOCKET NUMBER:	CA2380												
NAME OF SUBMITTER:	Lelia K. Gilday, Asst. to F. Plati												
Total Attachments: 1 source=Assignment_AS_FILED#page1.tif													

OP \$40.00 13658663

Assignment

Whereas, We, Joji PHILIP of San Jose, CA; Sateesh KUMAR of San Jose, CA; Eric NORIGE of East Lansing, MI; Mahmud HASSAN of San Carlos, CA and Sundari MITRA of Saratoga, CA, respectively, hereinafter called assignors, have invented certain improvements in ASYMMETRIC MESH NoC TOPOLOGIES and executed an application for Letters Patent of the United States of America therefor on 10-22-2012; and

Whereas, NETSPEED SYSTEMS of 2670 Seely Ave, San Jose, CA 95134, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

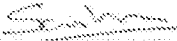
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue NW, Suite 800, Washington D.C. 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number, confirmation number and filing date of said application when known.

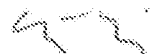
Date: 10-22-2012


/Joji PHILIP

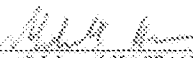
Date: 10-22-2012


/Sateesh KUMAR

Date: 10-22-2012


/Eric NORIGE

Date: 10-22-2012


/Mahmud HASSAN

Date: 10-22-2012


/Sundari MITRA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)