

## PATENT ASSIGNMENT

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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>Ramkumar Parameswaran</td> <td>05/02/2012</td> </tr> <tr> <td>Varun Shah</td> <td>05/05/2012</td> </tr> <tr> <td>Erik Nordmark</td> <td>05/03/2012</td> </tr> <tr> <td>Ayan Banerjee</td> <td>05/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ramkumar Parameswaran	05/02/2012	Varun Shah	05/05/2012	Erik Nordmark	05/03/2012	Ayan Banerjee	05/02/2012
Name	Execution Date										
Ramkumar Parameswaran	05/02/2012										
Varun Shah	05/05/2012										
Erik Nordmark	05/03/2012										
Ayan Banerjee	05/02/2012										
<b>RECEIVING PARTY DATA</b>											
Name:	Cisco Technology, Inc.										
Street Address:	170 West Tasman Drive										
City:	San Jose										
State/Country:	CALIFORNIA										
Postal Code:	95134-1706										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13465218</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13465218						
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Application Number:	13465218										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(404)954-5099										
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ATTORNEY DOCKET NUMBER:	60374.0547US01/977223										
NAME OF SUBMITTER:	Michael I. Krause										
Total Attachments: 5											

OP \$40.00 13465218

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## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors “Assignor”), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc., (“Assignee”) a California corporation having an address of 170 West Tasman Drive, San Jose, California 95134-1706, desires to acquire all right, title, and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

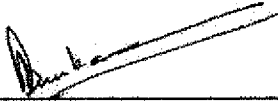
I also assign to Assignee, all right title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

Docket No. 60374.0547US01/977223

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of the Invention: Optimization for Trill LAN Hellos

Signature of Inventor: 

Inventor's Name: Ramkumar Parameswaran

Residence (City, State): Cupertino, CA

Post Office Address: 7375 Rollingdell Drive Apt 119  
Cupertino, CA 95014

Citizenship: India

Date: 5/2/2012

Signature of Inventor: \_\_\_\_\_

Inventor's Name: Varun Shah

Residence (City, State): Milpitas, CA

Post Office Address: 755 East Capitol Avenue, Apt. J311  
Milpitas, CA 95035

Citizenship: India

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

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Title of the Invention: Optimization for Trill LAN Hellos

Signature of Inventor: \_\_\_\_\_

Inventor's Name: Ramkumar Parameswaran

Residence (City, State): Cupertino, CA

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Inventor's Name: Varun Shah

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Post Office Address: 755 East Capitol Avenue, Apt. J311

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Citizenship: India

Date: 05/05/2012

Docket No. 60374.0547US01/977223

Signature of Inventor:



Inventor's Name:

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Date:

5/7/2011

Signature of Inventor:

Inventor's Name:

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Post Office Address:

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Citizenship:

US

Date:

Docket No. 60374.0547US01/977223

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

Signature of Inventor: *Ayan Banerjee*  
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Residence (City, State): Fremont, CA  
Post Office Address: 5250 Keystone Drive  
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Date: MAY 2, 2012