

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>Carlos M. Pignataro</td> <td>11/01/2011</td> </tr> <tr> <td>Rajesh Kumar</td> <td>11/03/2011</td> </tr> <tr> <td>Marc Holloman</td> <td>11/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Carlos M. Pignataro	11/01/2011	Rajesh Kumar	11/03/2011	Marc Holloman	11/01/2011
Name	Execution Date								
Carlos M. Pignataro	11/01/2011								
Rajesh Kumar	11/03/2011								
Marc Holloman	11/01/2011								
RECEIVING PARTY DATA									
Name:	Cisco Technology, Inc.								
Street Address:	170 West Tasman Drive								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134-1706								
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>13289330</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13289330				
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Application Number:	13289330								
CORRESPONDENCE DATA									
Fax Number:	(404)954-5099								
Phone:	404-954-5100								
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Correspondent Name:	MERCHANT & GOULD SCIENTIFIC ATLANTA, A C								
Address Line 1:	P.O. BOX 2903								
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ATTORNEY DOCKET NUMBER:	60374.0509US01/974600								
NAME OF SUBMITTER:	Michael I. Krause								
Total Attachments: 4 source=0509us01_assignment#page1.tif source=0509us01_assignment#page2.tif source=0509us01_assignment#page3.tif source=0509us01_assignment#page4.tif									

OP \$40.00 13289330

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.

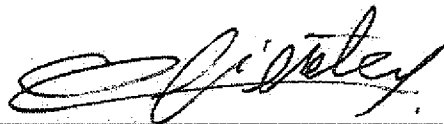
I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, 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. 60374.0509US01/974600

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

Title of the Invention: Sub-Topology Discovery for Operating Hybrid Solutions

Signature of Inventor:



Inventor's Name:

Carlos M. Pignataro

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USA

Date:

01-November 2011

Signature of Inventor:

Inventor's Name:

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635 Wellsbury Way

Palo Alto, CA 94306

Citizenship:

USA

Date:

Docket No. 60374.0509US01/974600

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

Title of the Invention: Sub-Topology Discovery for Operating Hybrid Solutions

Signature of Inventor: _____

Inventor's Name: Carlos M. Pignataro

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Date: _____

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Citizenship: USA

Date: 11/3/11

Docket No. 60374.0509US01/974600

Signature of Inventor:



Inventor's Name:

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Citizenship:

USA

Date:

November 01, 2010