

## 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>Lucien M. Avramov</td> <td>02/11/2013</td> </tr> <tr> <td>Sameer Kittur</td> <td>02/13/2013</td> </tr> <tr> <td>Chandrasekhar V. Modumudi</td> <td>02/11/2013</td> </tr> <tr> <td>Praful G. Bhaidasna</td> <td>02/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lucien M. Avramov	02/11/2013	Sameer Kittur	02/13/2013	Chandrasekhar V. Modumudi	02/11/2013	Praful G. Bhaidasna	02/11/2013
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Lucien M. Avramov	02/11/2013										
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Chandrasekhar V. Modumudi	02/11/2013										
Praful G. Bhaidasna	02/11/2013										
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Street Address:	170 West Tasman Street										
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>13766458</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13766458						
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Application Number:	13766458										
CORRESPONDENCE DATA											
Fax Number:	9722264837										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	03919.0570 (983405)										
NAME OF SUBMITTER:	Thomas J. Frame										
Total Attachments: 5 source=0570-Assignment#page1.tif source=0570-Assignment#page2.tif source=0570-Assignment#page3.tif source=0570-Assignment#page4.tif source=0570-Assignment#page5.tif											

CH \$40.00 13766458

**ASSIGNMENT**

**WHEREAS**, I, the undersigned inventor (or one of the undersigned joint inventors), 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. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire my entire 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 provisional, 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 provisional, 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.

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

ATTORNEY DOCKET NO.  
03919.0570 (983405)

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ASSIGNMENT

Title of Invention:

DEPLOYMENT AND UPGRADE OF NETWORK DEVICES IN  
A NETWORK ENVIRONMENT

Full name of inventor:

Lucien M. Avramov

Inventor Signature:



A handwritten signature in black ink, appearing to be 'LMA', is written over a horizontal line.

Date:

2/11/2013

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3

ASSIGNMENT

Title of Invention:

DEPLOYMENT AND UPGRADE OF NETWORK DEVICES IN  
A NETWORK ENVIRONMENT

Full name of inventor:

Sameer Kittur

Inventor Signature:

  
\_\_\_\_\_

Date:

2/13/2013  
\_\_\_\_\_

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ASSIGNMENT

Title of Invention: DEPLOYMENT AND UPGRADE OF NETWORK DEVICES IN  
A NETWORK ENVIRONMENT

Full name of inventor: Chandrasekhar V. Modumudi

Inventor Signature:



Date:

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ASSIGNMENT


Title of Invention:

DEPLOYMENT AND UPGRADE OF NETWORK DEVICES IN  
A NETWORK ENVIRONMENT

Full name of inventor:

Praful G. Bhaidasna

Inventor Signature:



Date:

2/11/2013

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4480 Billings Cir.  
Santa Clara, CA 95054