

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Naveen Gunukula</td><td>01/13/2009</td></tr><tr><td>Jeslin Puthenparambil</td><td>12/09/2008</td></tr><tr><td>Son Nguyen</td><td>12/09/2008</td></tr><tr><td>Byung Lim</td><td>12/09/2008</td></tr></tbody></table>		Name	Execution Date	Naveen Gunukula	01/13/2009	Jeslin Puthenparambil	12/09/2008	Son Nguyen	12/09/2008	Byung Lim	12/09/2008
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Naveen Gunukula	01/13/2009										
Jeslin Puthenparambil	12/09/2008										
Son Nguyen	12/09/2008										
Byung Lim	12/09/2008										
RECEIVING PARTY DATA											
Name:	Cisco Technology, Inc.										
Street Address:	170 West Tasman Drive										
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>12329115</td></tr></tbody></table>		Property Type	Number	Application Number:	12329115						
Property Type	Number										
Application Number:	12329115										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	13522/188 (958505)										
NAME OF SUBMITTER:	Jay Q. Knobloch										
Total Attachments: 4											

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**ASSIGNMENT**

WHEREAS, **Naveen Gunukula, Jeslin Puthenparambil, and Son Nguyen, and Byung Lim**, hereinafter called the "Assignor", have made the invention described in the United States patent application entitled **FAILOVER AND FAILBACK OF COMMUNICATION BETWEEN A ROUTER AND A NETWORK SWITCH**, executed by Assignor on the same date of this Assignment;

WHEREAS, **Cisco Technology, Inc.**, a California Corporation, having a place of business at 170 West Tasman Drive, San Jose, California 95134, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of my employment by said corporation, and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all

such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATE:

11/3/09

*Chad Lyman*

**Naveen Gunukula**

DATE:

**Jeslin Puthenparambil**

DATE:

**Nguyen Son**

DATE \_\_\_\_\_

**Byung Lim**

**ASSIGNMENT**

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NOW, THEREFORE, in consideration of my employment by said corporation, and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent applications identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

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DATE:

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\_\_\_\_\_  
**Naveen Gunukula**

DATE:

12/09/2008

\_\_\_\_\_  
**Jeslin Puthenparambil**

DATE:

12/09/08

\_\_\_\_\_  
**Sen Nguyen**  
**Nguyen-Son**

DATE:

12/09/08

\_\_\_\_\_  
**Byung Lim**