

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>Michael Barnes</td><td>08/28/2008</td></tr><tr><td>Alvaro E. Retana</td><td>09/08/2008</td></tr><tr><td>Paul Wells</td><td>08/22/2008</td></tr></tbody></table>		Name	Execution Date	Michael Barnes	08/28/2008	Alvaro E. Retana	09/08/2008	Paul Wells	08/22/2008
Name	Execution Date								
Michael Barnes	08/28/2008								
Alvaro E. Retana	09/08/2008								
Paul Wells	08/22/2008								
RECEIVING PARTY DATA									
Name:	Cisco Technology, Inc.								
Street Address:	170 W. 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>12207624</td></tr></tbody></table>		Property Type	Number	Application Number:	12207624				
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Application Number:	12207624								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Mohammad S. Rahman								
Total Attachments: 3 source=CPOL_956105_Assignment#page1.tif source=CPOL_956105_Assignment#page2.tif									

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PATENT
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PATENT ASSIGNMENT

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**Cisco Technology, Inc.
170 W. Tasman Drive
San Jose, CA 95134**

a corporation of California, and Cisco Technology, Inc. desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Transit Prevention in Hub-and-Spoke Topologies Using Link State Protocols

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by the attorney docket number referenced above:

☒ Executed concurrently herewith or ☐ U.S. Application Serial No. _____ filed on _____
for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to Cisco Technology, Inc., its successors and assigns, in accordance herewith;

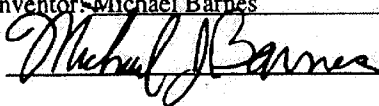
Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of Cisco Technology, Inc., will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to Cisco Technology, Inc. all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by Cisco Technology, Inc., and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in Cisco Technology, Inc., and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts in the United States and worldwide;

Each undersigned inventor hereby grants Cisco Technology, Inc. and the practitioner(s) with authorized power of attorney to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the state of California.

(1) Name of Inventor: Michael Barnes

Signature: 

Date: 8/28/08

(2) Name of Inventor: Alvaro E. Retana

Signature: _____

Date: _____

PATENT ASSIGNMENT

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(1) Name of Inventor: Michael Barnes

Signature: _____ Date: _____

(2) Name of Inventor: Alvaro E. Retana

Signature: Alvaro E. Retana Date: Sep 8, 08

(3) Name of Inventor: Paul Wells

Signature: *Paul Wells* Date: 8-22-2008