### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Jonathan W. Hui	03/14/2013
Jean-Philippe Vasseur	03/14/2013
Wei Hong	03/14/2013

#### **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

Property Type	Number
Application Number:	13837642

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	91998(310124)
NAME OF SUBMITTER:	James M. Behmke

Total Attachments: 9

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PATENT REEL: 030016 FRAME: 0952 1383/642

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#### ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jonathan W. Hui; Jean-Philippe Vasseur; and Wei Hong (hereinafter referred to as Assignors), residing at 1718 Valley View Avenue, Belmont, California 94002; 931 Route de Chamrousse, 38410 Saint Martin d'Uriage, FRANCE; and 745 San Diego Road, Berkeley, California 94707, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CYCLE-FREE MULTI-TOPOLOGY ROUTING, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Cisco Technology, Inc., a Corporation organized under and pursuant to the laws of California having its principal place of business at 170 West Tasman Drive, San Jose, California 95134 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

91998(310124)

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

#### EDWARDS WILDMAN PALMER LLP

91998(310124)

# All practitioners at Customer Number 21874

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 3/14/2013	Signature: _	Ath W. Thi
Date:	Signature:	Jonathan W. Hui
		Jean-Philippe Vasseur
Date:	Signature: _	Wei Hong

#### ASSIGNMENT BY INVENTORS

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EDWARDS WILDMAN PALMER LLP

# All practitioners at Customer Number 21874

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Date: _	***************************************	Signature:	Jonathan W. Hui
Date: _	03/14/2013	Signature:	Jean-Philippe Vasseur
Date: _		Signature:	Wei Hong

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EDWARDS WILDMAN PALMER LLP

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Date:		Signature:		
			Jonathan W. Hui	:
				:
Date:		Signature:		
			Jean-Philippe Vasseur	
	2/1/			
Date:	3/14/2015	Signature: _	Hay	

PATENT REEL: 030016 FRAME: 0962

**RECORDED: 03/15/2013**