

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>Jonathan W. Hui</td> <td>07/16/2013</td> </tr> <tr> <td>Nitin Nayar</td> <td>07/16/2013</td> </tr> <tr> <td>Jean-Philippe Vasseur</td> <td>07/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan W. Hui	07/16/2013	Nitin Nayar	07/16/2013	Jean-Philippe Vasseur	07/18/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Cisco Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>170 West Tasman Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134-1706</td> </tr> </table>		Name:	Cisco Technology, Inc.	Street Address:	170 West Tasman Drive	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134-1706
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CORRESPONDENCE DATA											
Fax Number: 3017624056 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 301-424-3640 Email: mail@usiplaw.com Correspondent Name: D. Andrew Floam Address Line 1: 9801 Washingtonian Blvd. Address Line 2: Suite 750 Address Line 4: Gaithersburg, MARYLAND 20878											
ATTORNEY DOCKET NUMBER:	0370.1555C (985993)										
NAME OF SUBMITTER:	Joshua Puvak										
Signature:	/Joshua Puvak/										

Date:

07/18/2013

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, WE, Jonathan W. Hui, residing at 1718 Valley View Avenue, Belmont, CA 94002; Nitin Nayar, residing at 816 Saratoga Avenue, Apt. M208, San Jose, CA 95129; and Jean-Philippe Vasseur, residing at 931 Route de Chamrousse, Saint Martin d'Uriage, 38410 France, hereinafter individually or collectively referred to as "Assignor";

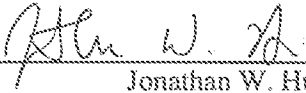
Hereby sell, assign and transfer to **Cisco Technology, Inc.**, a corporation organized and existing under the laws of California, having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

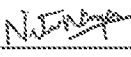
entitled: **Cross-Layer Forwarding in a Low-Power and Lossy Network**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:  DATE: 7/16/2013
Jonathan W. Hui

SIGNATURE:  DATE: 7/16/2013
Nitin Nayar

SIGNATURE: _____ DATE: _____
Jean-Philippe Vasseur

ASSIGNMENT

For good and valuable consideration, WE, Jonathan W. Hui, residing at 1718 Valley View Avenue, Belmont, CA 94002; Nitin Nayar, residing at 816 Saratoga Avenue, Apt. M208, San Jose, CA 95129; and Jean-Philippe Vasseur, residing at 931 Route de Chamrousse, Saint Martin d'Uriage, 38410 France, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Cisco Technology, Inc., a corporation organized and existing under the laws of California, having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

entitled: **Cross-Layer Forwarding in a Low-Power and Lossy Network**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE: _____	DATE: _____
Jonathan W. Hui	
SIGNATURE: _____	DATE: _____
Nitin Nayar	
SIGNATURE: _____	DATE: 06/18/2013
Jean-Philippe Vasseur	