

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>Karthik SUBRAMANIAN</td><td>02/21/2011</td></tr><tr><td>Dheerendra TALUR</td><td>02/21/2011</td></tr><tr><td>Pradosh MOHAPATRA</td><td>02/21/2011</td></tr><tr><td>Clarence FILSFILS</td><td>02/16/2011</td></tr></tbody></table>		Name	Execution Date	Karthik SUBRAMANIAN	02/21/2011	Dheerendra TALUR	02/21/2011	Pradosh MOHAPATRA	02/21/2011	Clarence FILSFILS	02/16/2011
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RECEIVING PARTY DATA											
Name:	Cisco Technology Inc., a corporation of California										
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>13031746</td></tr></tbody></table>		Property Type	Number	Application Number:	13031746						
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Application Number:	13031746										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Kirk D. Williams										
Total Attachments: 3 source=23474_Assign#page1.tif											

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ASSIGNMENT

WHEREAS, WE, KARTHIK SUBRAMANIAN (OF SAN JOSE, CA), DHEERENDRA TALUR (OF SAN RAMON, CA), PRADOSH MOHAPATRA (OF FREMONT, CA), AND CLARENCE FILSFILS (OF BRUSSELS, BELGIUM), are the joint inventors of an invention entitled "PACKET SWITCHING LABEL ASSIGNMENT ACROSS MULTIPLE PACKET SWITCHING FORWARDING GROUPS" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as Assignee), a corporation of the State of California having a place of business at 170 W. Tasman Drive, San Jose, CA 95134 is desirous of acquiring the entire United States domestic and foreign right, title, and interest in and under the invention described in the patent application and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries, it being understood that a reference herein to "foreign countries" includes all countries other than the United States;

NOW, THEREFORE, in exchange for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we sell, assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications, including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Assignee and its successors and assigns for their use and benefit as fully and entirely as the same would have been held and enjoyed by us had this assignment, transfer and sale not been made. We do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents on said invention to Assignee.

WE DO HEREBY COVENANT and agree with Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining patents of the United States and of any and all foreign countries on the invention, including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-


part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

WE have hereunder set our hands on the dates shown below.

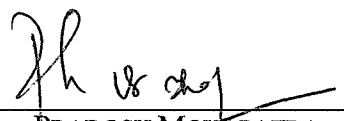
Date 2/21/11


KARTHIK SUBRAMANIAN

Date 2/21/11


DHEERENDRA TALUR

Date 02/21/11


PRADOSH MOHAPATRA

Date _____

CLARENCE FILSFILS

part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

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Date _____

KARTHIK SUBRAMANIAN


Date _____

DHEERENDRA TALUR

Date _____

PRADOSH MOHAPATRA

Date 16/02/2011



CLARENCE FILSFILS