

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sanjay Sane	06/29/2013
RECEIVING PARTY DATA	
Name:	Cisco Technology, Inc.
Street Address:	170 West Tasman Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134-1706
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13691043
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ATTORNEY DOCKET NUMBER:	50325-1795
NAME OF SUBMITTER:	Malgorzata A. Kulczycka
Signature:	/MalgorzataAKulczycka#50496/
Date:	07/23/2013
Total Attachments: 2 source=13691043SaneAssignment#page1.tif source=13691043SaneAssignment#page2.tif	

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ASSIGNMENT

WHEREAS WE, LEONARD TRACY, of Seattle, Washington, SANTOSH RAJAGOPALAN, of San Jose, California, SANJAY SANE, of Fremont, California, RONAK DESAI, of Fremont, California, and VARUN SHAH, of Milpitas, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled DETERMINING MULTICAST ROOT NODES IN A TELECOMMUNICATIONS NETWORK, for which an application for United States Letters Patent was filed on November 30, 2012, and identified by United States Serial No. 13/691,043;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including, but not limited to, any provisional, non-provisional, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention and the right to claim priority, or the benefit of, to the above-mentioned application;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

ASSIGNMENT

Attorney Docket No. 50325-1795 (CPOL 977105)

Date LEONARD TRACY

Date SANTOSH RAJAGOPALAN

6-29-2013

Date SANJAY SANE

Date RONAK DESAI

Date VARUN SHAH