### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Nataraj Bacthu	10/20/2011
Dhananjaya Rao	10/20/2011
Raghava Sivaramu	10/21/2011

#### 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:	13280940	

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 60374.0485US01/970953

NAME OF SUBMITTER: Michael I. Krause

Total Attachments: 3

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> PATENT REEL: 027117 FRAME: 0316

OP \$40.00 13280940

#### **ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors "Assignor"), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc., ("Assignee") a California corporation having an address of 170 West Tasman Drive, San Jose, California 95134-1706, desires to acquire all right, title, and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

1

PATENT REEL: 027117 FRAME: 0317

# Docket No. 60374.0485US01/970953

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of the Invention:	Multicast Source Move Detection for Layer-2 Interconnect Solutions
Signature of Inventor:	B Nata
Inventor's Name:	Nataraj Bacthu
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Post Office Address:	885 West Iowa Avenue
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Citizenship:	India
Date:	10/20/2011
Signature of Inventor:	- Annag gar
Inventor's Name:	Dhananjaya Rao
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Post Office Address:	755 East Capitol Avenue, #P204
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Citizenship:	India
Date:	10/20/2011

Docket No. 603/4.04850S01/9/0953	
Signature of Inventor:	Kaphara U
Inventor's Name:	Raghava Sivaramu
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Date:	10/2//11