PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fang Wu	03/21/2006
Jack C. Cham	01/17/2006
Michael Pereira	01/17/2006

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:	11364152

CORRESPONDENCE DATA

Fax Number: (503)274-4622

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

503-222-3613 Phone:

Email: docketing@techlaw.com

Marger Johnson & McCollom, P.C. Correspondent Name:

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Address Line 2: Suite 400

Address Line 4: Portland, OREGON 97204

ATTORNEY DOCKET NUMBER:	2705-798

NAME OF SUBMITTER: Jeffrey J. Richmond

Total Attachments: 3

500243650

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REEL: 019043 FRAME: 0966

PATENT

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PATENT REEL: 019043 FRAME: 0967

Attorney Docket No.: CSCO-11129

Assignment to Cisco Technology, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Fang WU, Jack C. CHAM, Michael PEREIRA

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

METHOD AND APPARATUS FOR IMMEDIATE DISPLAY OF MULTICAST IPTV OVER A BANDWIDTH CONSTRAINED NETWORK

United States and of countries foreign thereto which may be granted thereon or therefor; or
Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;
And for the above consideration, I/we agree promptly upon request of Cisco, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cisco, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cisco.
I/we further covenant with Cisco, 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;
In witness whereof, I/we hereunto set my/our hand(s) and seal:
Inventor's Signature: Date: 3/21/2006 Fang WU
► Total of 3 forms are submitted. (Multiple Page 1)

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X	United States and of count	tions set forth and described ries foreign thereto which ma			
	Serial No.: and described therein, and which may be granted there	filed on filed on any and all Letters Patent con or therefor;	of the United States a	and the inv	rentions set forth les foreign thereto
and conf succ Stat proc	for the above consideration deliver without further continuation, divisional or reissurcessors and assigns, the integral in any country for seedings involving said invertences which may be incurred	mpensation any power of e, or other papers which may ventions described in said a eign thereto, and to coop utions and in the adjudication	attorney, assignment, y be necessary or desirapplication and all paterate and assist in the or reexamination of s	application rable fully to ent rights the ne prosecution in the rate of the said Letters I	, whether original secure to Cisco, its erein, in the United on of interference Patent provided the
mor	further covenant with Ciscotgage, license, or other agrene undersigned, and that full	ement affecting the rights ar	nd property herein conv	reyed has be	en made to others
In w	itness whereof, I/we hereunt	o set my/our hand(s) and se	al:		
Inve	ntor's Signature:	Jack C. CHAM	Da	ite: <u>1/17</u>	/2006
	Total of 3 forms ar	e submitted. (Multiple Pa	ge 1)		

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X		countries foreign thereto which		
	Serial No.:	filed on		and the inventions set forth
	and described therei	filed on n, and any and all Letters Pate d thereon or therefor;	ent of the United States an	d of countries foreign thereto
and cont succ Stat proc	deliver without furth inuation, divisional or sessors and assigns, es and in any count eedings involving said	eration, I/we agree promptly up her compensation any power reissue, or other papers which the inventions described in sa try foreign thereto, and to co d inventions and in the adjudica nourred by me/us in lending suc	of attorney, assignment, may be necessary or desire aid application and all pate coperate and assist in the ation or reexamination of sa	application, whether original, able fully to secure to Cisco, its nt rights therein, in the United e prosecution of interference aid Letters Patent provided the
mor	gage, license, or othe	n Cisco, its successors, assiger agreement affecting the right nat full right to convey the same	s and property herein conv	eyed has been made to others
In w	itness whereof, I/we h	ereunto set my/our hand(s) and	d seal:	
Inve	ntor's Signature:	Michael PEREIRA	<u>A</u> Dat	re: 1/17/06
> 7	Total of <u>3</u> form	ns are submitted. (Multiple F	Page 1)	

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RECORDED: 03/21/2007