502085407 10/05/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Min Cao	10/01/2012	
Tak Ming Pang	09/24/2012	
Hari Rangarajan	09/28/2012	
Allan Thomson	09/30/2012	
Hang Jin	10/02/2012	

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:	13645576

CORRESPONDENCE DATA

Fax Number: 3017624056

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

Phone: 301-424-3640

Email: mail@usiplaw.com

Correspondent Name: D. Andrew Floam

Address Line 1: 1901 Research Boulevard

Address Line 2: Suite 400

Address Line 4: Rockville, MARYLAND 20850

ATTORNEY DOCKET NUMBER:	0370.0550C (977790)
NAME OF SUBMITTER:	D. Andrew Floam
	PATENT

REEL: 029081 FRAME: 0790

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Total Attachments: 5

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> PATENT REEL: 029081 FRAME: 0791

For good and valuable consideration, WE, Min Cao, residing at 231 Dixon Landing Rd., Apt 272, Milpitas, CA 95035; Tak Ming Pang, residing at 2495 Bryant St., Palo Alto, CA 94301; Hari Rangarajan, residing at 1042 Drexel Way, San Jose, CA 95121; Allan Thomson, residing at 3256 Sylvaner Court, Pleasanton, CA 94566; and Hang Jin, residing at 3708 Stoneway Drive, Plano, Texas 75025, 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: Direction Aware Neighbor List Infrastructure Assisted Roaming

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:	<u> </u>	DATE:	10/1/2012
	/ Min Cao		
SIGNATURE:		DATE:	
	Tak Ming Pang		
SIGNATURE:		DATE:	
	Hari Rangarajan		
SIGNATURE:		DATE:	
	Allan Thomson		
SIGNATURE:		DATE:	
	Hang Jin		

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SIGNATURE:		DATE:	
SIGNATURE:	Tak Ming Pang	DATE:	9/24/2012
	Tak Ming Pang		
SIGNATURE:		DATE:	
	Hari Rangarajan		
SIGNATURE:		DATE:	,
	Allan Thomson	~	
SIGNATURE:		DATE:	
	Hang Jin	-	

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SIGNATURE:		DATE:	
	Min Cao	M.	
SIGNATURE:		DATE:	
	Tak Ming Pang		1 1
SIGNATURE:	R. Him Nyma	DATE:	09/28/2012
	Hari Rangarajan		/ /
SIGNATURE:		DATE:	;
	Allan Thomson	~	
SIGNATURE:		DATE:	
	Hang Jin	CONTRACTOR OF THE PROPERTY OF	

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SIGNATURE:		DATE:
	Min Cao	
SIGNATURE:	andria de la companya de la company Descripción de la companya de la co	DATE
	Tak Ming Pang	
SIGNATURE:		DATE
	Hari Rangarajan	0//
SIGNATURE:		_ date: <u>7/ 30//2, </u>
	Allan Thomson	
SIGNATURE:		DATE:
	Hano Jin	

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SIGNATURE:		DATE:	
	Min Cao		
SIGNATURE:	Tak Ming Pang	DATE:	
SIGNATURE:		DATE:	
	Hari Rangarajan		
SIGNATURE:		DATE:	
SIGNATURE:	Allan Thomson	DATE: Oct 2,	2012
	Hang Jin	**************************************	

PATENT REEL: 029081 FRAME: 0796

RECORDED: 10/05/2012