01-11-2002



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FORM **PTO-1595**

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

(Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)	941692 Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks. F	Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): 1-7-02	Name and address of receiving party(ies):		
Rajesh Kumar, David Hughes,	Name: Cisco Technology Inc.		
Mohammed Mostafa and John Ellis			
Additional name(s) of conveying party(ies) attached? ■ No □Yes	Internal Address:		
3. Nature of Conveyance	Street Address: 170 West Tasman Drive.		
Assignment Merger			
☐ Security Agreement ☐ Change of Name ☐ Other:	City: San Jose State/Provence: CA Zip: 95134. Country:		
Execution Date(s): 9/27/01, 10/16/01 and 10/19/01	Additional name(s) & address(es) attached?		
Application Number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)		
09/892,117			
Additional numbers attached? ☐ Yes ■ No			
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1			
Tom Van Zandt			
Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address:	7. Total Fee (37 CFR 3.41)\$40.00 Enclosed		
Street Address: 12400 Wilshire Boulevard, 7 th Floor	Authorized to be charged to deposit account		
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:		
	02-2666		
	(Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE			
Statement and signature. To the best of my knowledge and believe, the foregoing is true document	and correct and any attached copy is a true copy of the original		
Tom Van Zandt Reg. #43,219 Sun (1) 10/23/01			
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 7			
Mail documents to be recorded with required cover sheet information to:			

Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Atty Docket No. 81862.P240

00000018 09892117 01/11/2002 DBYRNE 01 FC:581

Attorney's Docket ASSIGNMENT

PATENT

No.: 81862.P240 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration acknowledged, we	n, the receipt of which is hereby	
the undersigned, Rajesh Kumar, David Hughes, Mohammed Mostafa and John Ellis		
hereby sell, assign, and transfer to Cisco Technology Inc.		
a corporation of California, having	a principal place of business at	
170 West Tasman Drive, San Jose, CA 95134 and its successors, assigns, and legal representatives, the United States and all foreign countries, in and to any and a the application for the United States patent that was filed assigned Application No. 09/892,117 and is entitle	entire right, title, and interest for the all improvements that are disclosed in June 25, 2001, and	
INTERWORKING OF PACKET-BASED VOICE TECHN TRUNKS	IOLOGIES USING VIRTUAL TDM	
and in and to said application and all divisional applications	s, continuation applications,	

continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that 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 patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives 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.

Rev. 01/01/2000 (A2)

Date:	, 20	
Date: $\frac{9}{ZT}$, 20 <u>ø(</u>	Name: Rajesh Kumar Name: David Hughes
Date:	, 20	Name: Mohammed Mostafa
		Name: John Ellis
State of: County of:	} SS. BL _} 12 Lo	ssignment Document Return Address: AKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 400 Wilshire Blvd., Seventh Floor as Angeles, California 90025-1026 08) 720-8598
On this day of the undersigned Notary Publi	ic, persona	20, before me,, Illy appeared
personally known to me [be the person(s) whose name acknowledged that _executed WITNESS my hand and official	e(s)_subsc l it.	to me on the basis of satisfactory evidence to cribed to the within instrument, and
Notary's Signature		

Attorney's Docket

filing of said United States application;

ASSIGNMENT

PATENT

No.: 81862.P240 (For Execution After Filing Patent Application)

In consideration of good and valuable con	sideration, the receipt of which is hereby
acknowledged, we	
the undersigned, Rajesh Kumar, David Hughe	es, Mohammed Mostafa and John Ellis
hereby sell, assign, and transfer to Cisco Technology	ology Inc.
a corporation of <u>California</u>	, having a principal place of business at
170 West Tasman Drive, San Jose, CA 9513 and its successors, assigns, and legal representa United States and all foreign countries, in and to a the application for the United States patent that we assigned Application No. 09/892,117 and	atives, the entire right, title, and interest for the any and all improvements that are disclosed in as filed and and
INTERWORKING OF PACKET-BASED VOIC	E TECHNOLOGIES USING VIRTUAL TDM
TRUNKS	
and in and to said application and all divisional ap- continued prosecution applications, continuation-in renewal applications, reissue applications, reexant applications that have been or shall be filed in the any of said improvements; and in and to all origin	n-part applications, substitute applications, ninations, extensions, and all other patent United States and all foreign countries on

agree that said Assignee may apply for and receive a patent or patents 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives 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

certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the

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.

- 1 -

Rev. 01/01/2000 (A2)

REEL: 012431 FRAME: 0190

Date: / 6 / 16	, 20 <u>l</u> /	Name: Rajesh Kumar
Date:		Name: David Hughes
Date: 16/16	, 20 <u>0</u>]	Name: Mohammed Mostafa
Date:	, 20	Name: John Ellis
State of:} County of:}	SS. BL 12 Lo	signment Document Return Address: LAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 2400 Wilshire Blvd., Seventh Floor 25 Angeles, California 90025-1026 26 720-8598
On this day of the undersigned Notary Public,	persona	20, before me,, Illy appeared
[] personally known to me [] be the person(s) whose name(s acknowledged that _executed it WITNESS my hand and official	s)_subsc	to me on the basis of satisfactory evidence to cribed to the within instrument, and
Notary's Signature		

Attorney's Docket

filing of said United States application;

ASSIGNMENT

PATENT

No.: 81862.P240 (For Execution After Filing Patent Application)

In consider	ration of good and valuable co	nsideration, the receip	ot of which is hereby
acknowledged, w	ve		
the undersigned, _	Rajesh Kumar, David Hugh	ies, Mohammed Mos	tafa and John Ellis
hereby sell, assign	n, and transfer to <u>Cisco Techr</u>	nology Inc.	
a corporation of _	California	_, having a principal i	place of business at
and its successors United States and the application for	sman Drive, San Jose, CA 951 s, assigns, and legal represent l all foreign countries, in and to the United States patent that v ion No. <u>09/892,117</u> an	atives, the entire right any and all improven was filed <u>June 25, 2</u>	t, title, and interest for the nents that are disclosed in
<u>INTERWORKI</u>	NG OF PACKET-BASED VOIC	E TECHNOLOGIES	USING VIRTUAL TDM
TRUNKS			
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continued prosecu renewal application applications that ha any of said improvi certificates, and ex-	application and all divisional a ation applications, continuationers, reissue applications, reexanave been or shall be filed in the ements; and in and to all originatensions that have been or show said improvements; and in a	in-part applications, suminations, suminations, extensions e United States and a nal patents, reissued patents, reissued in the U	substitute applications, s, and all other patent all foreign countries on patents, reexamination nited States and all

agree that said Assignee may apply for and receive a patent or patents 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 applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, 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 representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives 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.

- 1 -

Rev. 01/01/2000 (A2)

Date:	, 20		
		Name: Rajesh Kumar	
Date:	, 20	Name: David Hughes	
		-	
Date:	, 20	Name: Mohammed Mostafa	
ı		Name: Mohammed Mostafa	
Date: (C) 14	, 200[Name: John Ellis	
1		Name: John Ellis	
	(4	ssignment Document Return Addre LAKELY, SOKOLOFF, TAYLOR & 2400 Wilshire Blvd., Seventh Floor os Angeles, California 90025-1026 08) 720-8598	i
On this day of		20, before me,	,
the undersigned Notary Pub	olic, persona	ally appeared	
[] personally known to me be the person(s) whose nar acknowledged that _execute WITNESS my hand and offi	ne(s)_subso ed it.	to me on the basis of satisfactory ecribed to the within instrument, and	evidence to
Notary's Signature			

- 2 -

Rev. 01/01/2000 (A2)

RECORDED: 01/07/2002