

07-14-2000



101404723

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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07/13/2000 DNGUYEN 00000246 4963034

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40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
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Area Code and Telephone Number

Name

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Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

<input type="text" value="4963034"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

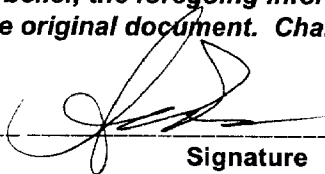
Authorization to charge additional fees: Yes No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Anne VanBuskirk

Name of Person Signing



Signature

Date

Correspondent Name and Address Area Code and Telephone Number (650) 926-7241

Name Anne VanBuskirk

Address (line 1) Weil, Gotshal & Manges LLP

Address (line 2) 2882 Sand Hill Rd. Ste. 280

Address (line 3) Menlo Park, CA 94025-7022

Address (line 4) anne.vanbuskirk@weil.com

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 1

Application Number(s) or Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	4963034	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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only if a U.S. Application Number PCT PCT PCT
has not been assigned.

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: # 23-0800

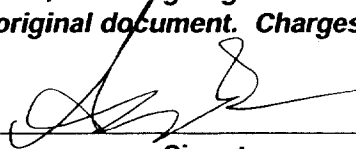
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Anne VanBuskirk

Name of Person Signing



Signature

1/31/2000

Date

11:49
CONFIDENCE

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Execution Date
Month Day Year

Second Party

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Name (line 2)

Execution Date
Month Day Year

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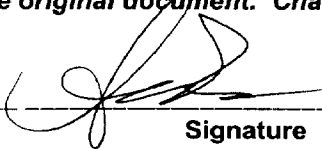
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Anne VanBuskirk

Name of Person Signing



Signature

Date

PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT (the "Agreement") is entered into as of Sept. 30, 1999, by and between **Simon Fraser University**, a corporation duly continued under the University Act of British Columbia and having an office at Burnaby, B.C. V5A 1S6, Canada ("Simon Fraser") and **Cisco Technology, Inc.**, a California corporation having its principal place of business located at 170 West Tasman Drive, San Jose, California 95134-1706 (hereinafter referred to as "Cisco").

WHEREAS, Simon Fraser has entered into an Assignment Agreement with Cisco dated September 30, 1998, pursuant to which Simon Fraser has agreed to assign to Cisco a certain patent.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises herein contained, the parties agree as follows:

**ARTICLE 1
SIMON FRASER PATENT**

"Simon Fraser Patent" shall mean U.S. Patent No. 4,963,034, entitled "Low-delay Vector Backward Predictive Coding of Speech," as well as any reexaminations and reissues thereof.

**ARTICLE 2
ASSIGNMENTS**

Simon Fraser assigns, transfers and conveys to Cisco all of Simon Fraser's rights, title and interest throughout the world in and to the Simon Fraser Patent, the underlying inventions described therein, and all rights, claims and privileges pertaining to the Simon Fraser Patent, including the right to sue for past damages.

IN WITNESS WHEREOF, the parties have entered into this Agreement as of the date first written above.

SIMON FRASER UNIVERSITY

CISCO TECHNOLOGY, INC.

By: *E. Jean Trask*

By: *Robert Barr*

Name: E. Jean Trask

Name: Robert Barr

Title: Associate Director, UIEO

Title: WORLDWIDE PATENT COUNSEL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: N/A
Serial No: N/A
Filed: N/A
For: N/A

Docket No: N/A
Group No: N/A
Examiner: N/A

Commissioner of Patents and Trademarks
BOX ASSIGNMENTS
Washington, D.C. 20231

TRANSMITTAL

Please find enclosed the following:

1. A true copy of the recordation document entitled "Patent Assignment Agreement" by and between Simon Fraser University and Cisco Technology, Inc. dated September 30, 1999;
2. Recordation Form Cover Sheet (Assignment);
3. Check number 2665 in the amount of \$40.00; and
4. Return postcard.

FEE DEFICIENCY

- In the event that additional fees are required, the Commissioner is authorized to charge these to deposit account No. 23-0800.
- As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 23-0800.
- Duplicate copies of this sheet are enclosed for accounting purposes.

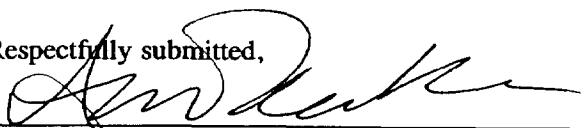
CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number: EL013464342US Date of Deposit: 2/2/2000
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box Assignment, Washington, D.C. 20231.

Signature

Date

Dated: 2/1/2000

Respectfully submitted,


Anne VanBuskirk
Reg. No. 43,217

WEIL, GOTSHAL & MANGES LLP
2882 SAND HILL ROAD, SUITE 280
MENLO PARK, CA 94025
Telephone: (650) 926-6200
Facsimile: (650) 854-3713
Email: anne.vanbuskirk@weil.com

SEQ. No.	1736	Cisco #		status	1	Issued	<input type="checkbox"/> File Exists
Title Description	Low-delay vector backward predictive coding of speech						
Inventors	Vladimir Cuperman, Robert Pettigrew, Lloyd Watts						
Sector		Cancelled	<input type="radio"/> Yes <input checked="" type="radio"/> No				
Origin	BTG	Abandoned	<input type="radio"/> Yes <input checked="" type="radio"/> No				
Product		Atty Name Last	FOC				

Filing Information			
Filing Date	6/1/89	PCT Due	6/1/90
Serial No.	07/360,023	U.S. Issue Date	10/16/90
U.S. Filing Date		U.S. Patent #	4,963,034

Acquisition Info			
Company Name		Action Items	
Closing Date		Completed Items	
Patent-Specific Info			
Transfer to Cisco Systems		Executed	
Assignment to CTI	9/30/2033	Recorded with PTO	2/3/2000
		PTO Recordation Confirmed	4/25/2000
		Reel/Frame	010557/0401
Assignment info specific to this patent: sending correction to PTO from Cisco Technologies to Cisco Technology			

THIS CHECK IS VOID WITHOUT A COLORED BACKGROUND AND AN ARTIFICIAL WATERMARK CERTIFICATION SEAL ON THE BACK - HOLD AT ANGLE TO VIEW SEAL

WEIL, GOTSHAL & MANGES LLP

2882 SAND HILL ROAD • SUITE 280
MENLO PARK, CA 94025

COMERICA BANK - CALIFORNIA
UNIVERSITY DIVISION
800 OAK GROVE AVENUE
MENLO PARK, CA 94025

No 2815
90-3752/1211
06/08/00

PAY Forty and 00/100 Dollars

\$ 40.00

TO THE FOLLOWING

OPERATING ACCOUNT

COMMISSIONER OF PATENTS AND TRADEMARKS

John Firth

SIGNATURE HAS A COLORED BACKGROUND • BORDER CONTAINS MICROPRINTING

⑈002815⑈ ⑆12137522⑆ 1890761781⑈

Filing Date: N/A
Applicant Name: N/A
Title of Invention: N/A
Attorney Docket No.: 35826.0003
Date mailed: 6/19/2000

Express Mail Label Number: EL01346310915

The following items have been received in the Patent and Trademark Office on the date stamped hereon:

- Check No. 1815 in the amount of \$ 40.00
- Return Postcard
- Transmittal Letter
- 2 Pages of Recordation Form Cover Sheet (Change of Name)
- Document entitled "Patent Assignment Agreement" by and between Simon Fraser University and Cisco Technology, Inc.

EL01346310915

U.S. PATENT NO. 5538290, 5575908; 5641183, 5785133

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: N/A
Serial No: N/A
Filed: N/A
For: N/A

Docket No: N/A
Group No: N/A
Examiner: N/A

Commissioner of Patents
BOX ASSIGNMENTS
Washington, D.C. 20231

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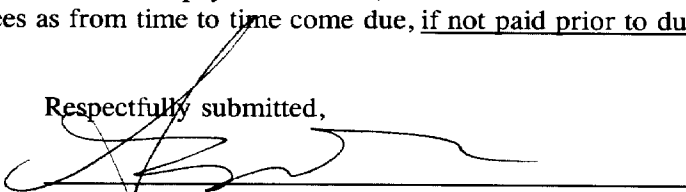
1. A true copy of the recordation document entitled "Patent Assignment Agreement" by and between Simon Fraser University and Cisco Technology, Inc. dated September 30, 1999;
2. Recordation Form Cover Sheet (Assignment), which corrects a typo on the "Name" section of the "Receiving Party" to "Cisco Technology, Inc."
3. Check number 2815 in the amount of \$40.00;
4. A true copy of the USPTO Notice of Recordation of Assignment Document and accompanying documents originally submitted; and
5. Return postcard.

FEE DEFICIENCY

- In the event that additional fees are required, the Commissioner is authorized to charge these to deposit account No. 23-0800.
- As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 23-0800.

Dated: June 13, 2000

Respectfully submitted,


Anne VanBuskirk
Reg. No. 43,217

WEIL, GOTSHAL & MANGES LLP
2882 SAND HILL ROAD, SUITE 280
MENLO PARK, CA 94025
Telephone: (650) 926-6200
Facsimile: (650) 854-3713
Email: anne.vanbuskirk@weil.com

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number: ELD1346310905 Date of Deposit: 6/13/00
I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents, Box Assignment, Washington, D.C. 20231.


Signature

6/13/2000
Date

SV1:A97903\01\23JJ01\DOC\35826.0003

PATENT
REEL: 010901 FRAME: 0913

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: N/A
Serial No: N/A
Filed: N/A
For: N/A

Docket No: N/A
Group No: N/A
Examiner: N/A

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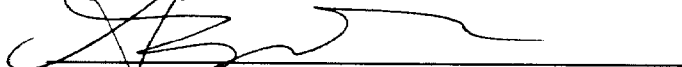
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Dated:

June 13, 2000

Respectfully submitted,



Anne VanBuskirk
Reg. No. 43,217

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2882 SAND HILL ROAD, SUITE 280
MENLO PARK, CA 94025
Telephone: (650) 926-6200
Facsimile: (650) 854-3713
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Signature

Joe M. Haneyman

Date

6/13/2000



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 ASSISTANT SECRETARY AND COMMISSIONER
 OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

APRIL 25, 2000

PTAS



101275846A

WEIL, GOTSHAL & MANGES LLP
 ANNE VANBUSKIRK
 2882 SAND HILL RD. STE. 280
 MENLO PARK, CA 94025-7022

MAR 24 2000

UNITED STATES PATENT AND TRADEMARK OFFICE WEIL, GOTSHAL & MANGES LLP
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/03/2000

REEL/FRAME: 010557/0401
 NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
 SIMON FRASER UNIVERSITY

DOC DATE: 09/30/1999

ASSIGNEE:
 CISCO TECHNOLOGIES, INC.
 170 WEST TASMAN DRIVE
 SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 07360023
 PATENT NUMBER: 4963034

FILING DATE: 06/01/1989
 ISSUE DATE: 10/16/1990

TARA WASHINGTON, EXAMINER
 ASSIGNMENT DIVISION
 OFFICE OF PUBLIC RECORDS

RECORDED: 06/13/2000

PATENT
REEL: 010901 FRAME: 0915