

06-20-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT

101385399

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# 101306018

☐ 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) Bosch Telecom GmbH

Execution Date
Month Day Year
6-24-99

Name (line 2) a German corporation

Execution Date
Month Day Year

Second Party

Name (line 1)

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Cisco Systems, Inc.

Name (line 2) a corporation of California

Address (line 1) 170 West Tasman Drive

Address (line 2)

Address (line 3) San Jose

CA

95134

City

State/Country

Zip Code

☐ 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.)

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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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:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 010864 FRAME: 0050

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.

#

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)

08993182

Patent Number(s)

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

PCT

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:

23-0800

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

6/13/2000

FORM PTO-1595

~~08-31-1999~~

IET

U.S. DEPARTMENT OF COMMERCE



Patent and Trademark Office

101131205

To the Honorable Commissioner of Pat.

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Bosch Telecom GmbH

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and address of receiving party(ies):

Name: Cisco Systems, Inc.

Internal Address:

Street Address: 170 West Tasman DriveCity: San JoseState: CAZIP: 95134Additional name(s) & addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name

Other _____

Execution Date: June 24, 1999

4. Application number(s) or patents 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)

see attached

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert Barr, Reg. No. 32, 191

Internal Address:

Street Address: Weil, Gotshal & Manges LLP2882 Sand Hill Road, Suite 280City: Menlo Park State: CA ZIP: 94025

6. Total number of application and patents involved:

67. Total fee (37 CFR 3.41): \$ 240.00☒ Enclosed (see check no. 2554)☐ Authorized to be charged to deposit account

8. Deposit account number:

23-0800

(Attached duplicate copy of this page if paying by deposit account)

08/11/1999 MTHAI1 00000057 08477031

01 C:581 240.00 DP

DO NOT USE THIS SPACE

9. 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.

Robert Barr, Reg. No. 32,191

Name of Person Signing

Signature

Date

Total number of pages comprising coversheet: 2Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

SV1:7996201\1PP6011.DOC35826.0003

1. 08/477,031
2. 08/933,182
3. 09/153,312
4. 09/134,291
5. 09/167,804
6. 09/184,498

04-04-2000



101306018

U.S. Department of Commerce
Patent and Trademark Office

PATENT

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☒ Corrective Document
Reel # 010193 Frame # 0662

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Month Day Year
6-24-99

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Address (line 4)

04/03/2000 DNGUYEN 00000214 08993182

01 FC:581

40.00 OP

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PATENT
REEL: 010864 FRAME: 0054

Correspondent Name and Address

Area Code and Telephone Number (650) 926-7241

Name Anne VanBuskirk

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

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has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

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:
Deposit AccountEnclosed ☒Deposit Account ☐

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

Deposit Account Number:

23-0800

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

2/28/00

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is entered into as of July __, 1999, (the "Effective Date"), by and between Bosch Telecom GmbH, a German corporation having a place of business at Gerberstraße 33, D-71522 Backnang, Federal Republic of Germany (hereinafter called "Bosch") and Cisco Systems, 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, Bosch has entered into the LMDS Intellectual Property Assignment dated July __, 1999, pursuant to which Bosch has agreed to assign to Cisco certain patents and patent applications.

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

ARTICLE 1 BOSCH PATENTS

"Bosch Patents" shall mean the patents and patent applications listed on Schedule 1, as well as any extensions, divisions, continuations and continuation-in-parts thereof and any applications or patents that claim priority from such patents and applications, including, without limitation, any foreign counterparts thereof.

ARTICLE 2 ASSIGNMENT

Bosch assigns, transfers and conveys to Cisco all of Bosch's rights, title and interest throughout the world in and to the Bosch Patents, the underlying inventions described therein, and all rights, claims and privileges pertaining to the Bosch Patents.

IN WITNESS WHEREOF, the undersigned has entered into this Assignment as of the date first written above.

BOSCH TELECOM GMBH

By: *G. Friedrich*

Name: GERD FRIEDRICH

Title: Member of the Board

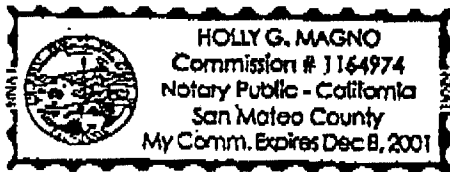
STATE OF CALIFORNIA

COUNTY OF SANTA CLARA

)
) ss
)

On June 24, 1999, before me, HOLLY G. MAGNO, Notary Public,
personally appeared Gerd Reinard Friedrich, personally known to me (or proved to me on
the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf
of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Holly G. Magno

Signature

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

Commission of Patent and Trademarks
BOX ASSIGNMENT
Washington, D.C. 20231

TRANSMITTAL

Please find enclosed the following:

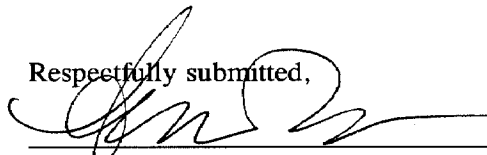
1. A true copy of the recordation document entitled "Patent Assignment Agreement" by and between Cisco Systems, Inc. and Bosch Telecom GmbH dated June 24, 1999, which has been changed to correct a typo on the patent application number for the application entitled "Repeater Node Network System and Method" filed 12/18/97;
2. Recordation Form Cover Sheet (Assignment);
3. Check number 2698 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.

Dated: 2/28/00

Respectfully submitted,

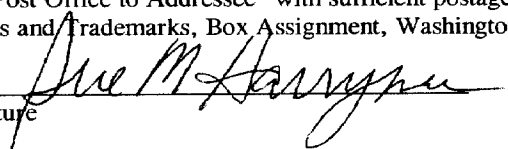

Anne VanBuskirk
Reg. No. 43,217

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: EL013464458US Date of Deposit: February 28, 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 2/28/00

**SCHEDULE 1
TO
PATENT ASSIGNMENT**

Issued Patents:

None

Patent Applications:

Title	Inventor	Country	Filing Date	Application or Patent Number	Comments
POINT-TO-MULTIPOINT COMMUNICATIONS SYSTEM	Langston, J. Leland	USA	6/7/95	08/477031	Pending application
Same as above	Same as above	Europe	11/28/95	95308509.9	Pending application
Same as above	Same as above	Japan	5/19/97	7-309122	Pending application
COMMON CONTROL CHANNEL DYNAMIC FREQUENCY ASSIGNMENT METHOD AND PROTOCOL	Roark, Charles W.; Weiner, Douglas B. Cilia, Andrew; Stiles, Mitchel B.	USA	9/15/98	09/153,312	Pending application
POINT-TO-MULTIPOINT VARIABLE ANTENNA COMPENSATION SYSTEM	Myers, William K.; Weiner, Douglas B.	USA	10/7/98	09/167,804	Pending application
REPEATER NODE NETWORK SYSTEM AND METHOD	Langston, J. Leland; Weiner, Douglas B.; Myers, William K.; Murphy, James	USA	12/18/97	08/933,182 08/993,182	Pending application
Same as above	Same as above	Brazil	12/17/97	PI 9706384	Pending application (assigned to Texas Instruments)
Same as above	Same as above	Canada	12/8/97	2,224,035	Pending application
Same as above	Same as above	Argentina		P97 01 05976	Pending application
Same as above	Same as above	Mexico		9710296	Pending application
REDUCED SIZE FIELD EFFECT TRANSISTOR	Nelson, Stephen	USA	8/13/98	09/134,291	Pending application
LOCAL MULTIPOINT-DISTRIBUTION SERVICE BASE STATION ARCHITECTURE	Marin, James S.; Myers, William K.; Burt, Donald G.; Brobston, Michael L.	USA	11/2/98	09/184,498	Pending application



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

OCTOBER 28, 1999

PTAS

WEIL, GOTSHAL & MANGES LLP
ROBERT BARR
2882 SAND HILL ROAD, SUITE 280
MENLO PARK, CA 94025



101131205A

NOV 22 1999

UNITED STATES PATENT AND TRADEMARK OFFICE
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: 08/26/1999

REEL/FRAME: 010193/0662
NUMBER OF PAGES: 5

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

ASSIGNOR:

BOSCH TELECOM GMBH

DOC DATE: 06/24/1999

ASSIGNEE:

CISCO SYSTEMS, INC.
170 WEST TASMAN DRIVE
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 08477031 ✓
PATENT NUMBER:

1800

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08933182 ✓
PATENT NUMBER: 5878888

1804

FILING DATE: 09/18/1997
ISSUE DATE: 03/09/1999

SERIAL NUMBER: 09153312 ✓
PATENT NUMBER:

1802

FILING DATE: 09/15/1998
ISSUE DATE:

SERIAL NUMBER: 09134291 ✓
PATENT NUMBER:

1806

FILING DATE: 08/13/1998
ISSUE DATE:

PATENT
REEL: 010864 FRAME: 0060

010193/0662 PAGE 2

SERIAL NUMBER: 09167804 ✓ 1805
PATENT NUMBER:

FILING DATE: 10/07/1998
ISSUE DATE:

SERIAL NUMBER: 09184498 ✓ 1803
PATENT NUMBER:

FILING DATE: 11/02/1998
ISSUE DATE:

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

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BOSCH TELECOM GMBH

By: *G. Friedrich*

Name: GERD FRIEDRICH

Title: Member of the Board

STATE OF CALIFORNIA)

) ss

COUNTY OF SANTA CLARA)

On June 24, 1999, before me, HOLLY G. MAGNO, Notary Public, personally appeared Gerd Reinard Friedrich, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Holly G. Magno

Signature

SCHEDULE 1 TO PATENT ASSIGNMENT

Issued Patents:

None

Patent Applications:

Title	Inventor	Country	Filing Date	Application or Patent Number	Comments
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TRANSMITTAL LETTER

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Serial No.: N/A
Filed: N/A
For: N/A

Docket No.: N/A
Group No.: N/A
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Commissioner of Patents and Trademarks
BOX ASSIGNMENT
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We have attached a copy of this Transmittal Letter and the Patent Assignment to the above listed Recordation Form Cover Sheet, for your convenience.

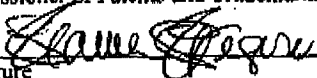
FEE DEFICIENCY

- ☒ [X] In the event that additional fees are required, the Commissioner is authorized to charge these fees to deposit account No. 23-0800.

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number: **TB 799837709 US** Date of Deposit: **August 25, 1999.**
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



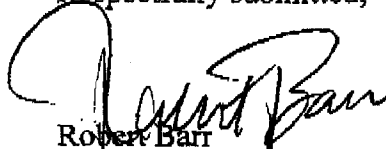
Date



SV1A7975701NIPJH011.DOC35826.0003

[X] Duplicate copies of this sheet are enclosed for accounting purposes.

Respectfully submitted,



Robert Barr
Reg. No. 32,191

Dated: August 25, 1999

WEIL, GOTSHAL & MANGES LLP
2882 SAND HILL ROAD, SUITE 280
MENLO PARK, CA 94025
Telephone: (650) 926-6200
Facsimile: (650) 854-3713

RB/GE/lmf

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

200 JUN 14 AM 9:42

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
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Dated: 6/14/2000

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

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