

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 1370.254US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mitul Sen, Steven L. Christenson, Shreya Gottipalli
Reddy and Shmuel Shaffer

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 5, 2008, August 5, 2008,
August 22, 2008, August 6, 2008

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

Name: Cisco Technology, Inc.

Street Address: 170 West Tasman Drive

City: San Jose State: CA Zip: 95134-1706

Additional name(s) & address(es) attached? ☐ Yes
☒ No

4. 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)

Serial No. 12/198,689, filed August 26, 2008

Additional numbers attached? ☐ Yes ☒ No

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

Name: Garth Vivier

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☐ Enclosed

☒ Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

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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.

Garth Vivier/Reg. No. 57,313

Name of Person Signing

Signature

03.30.2009

Date

Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, We, Mitul Sen, residing at 1678 River Birch Court, San Jose, CA 95131, and Steven L. Christenson, residing at 1162 Bucknam Avenue, Campbell, CA 95008, and Shreya Gottipalli Reddy, residing at 44023 Owl Drive, Fremont, CA 94539, and Shmuel Shaffer, residing at 1211 Cowper Street, Palo Alto, CA 94301, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled IDENTIFYING CHANNELS IN A COMMUNICATION NETWORK:

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/198,689; Filing Date: August 26, 2008) the filing date and application number of said application when known.

AND WHEREAS, Cisco Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 170 West Tasman Drive, San Jose, CA 95134-1706 (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th day of
AUGUST, 2008.



Mitul Sen

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of

August, 2008.

A handwritten signature in black ink, appearing to read 'S. Christenson', written over a horizontal line.

Steven L. Christenson

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of
August, 2008.

Shreya Reddy

Shreya Gottipalli Reddy

STATE OF NEW JERSEY)

)ss

COUNTY OF SOMERSET)

On this 22ND day of AUGUST, 2008 before me personally appeared Shreya Gottipalli Reddy, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

WILLIAM E. DUMONT, JR.
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 16, 2010
ID #22648

William E. Dumont, Jr.

Notary Public

DocId: 13702541051
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of

May, 2008.



Samuel Shaffer