

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 1370.293US1

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):

John Joseph Mullooly, Ali Sajassi, Pradosh Kumar  
Mohapatra and Samer M. Salam

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

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: July 27, 2009, July 30, 2009, July 31,  
2009, July 27, 2009

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

Name: Cisco Technology, Inc.Street Address: 170 West Tasman DriveCity: San Jose State: CA Zip: 95134-1706Additional 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. 12/536,427, filed August 5, 2009Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Michael K. Hsu

Address:

Schwegman, Lundberg &amp; 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  
19-07438. Please charge any additional fees or credit any over  
payments to our Deposit Account No.: 19-0743**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.Michael K. Hsu/Reg. No. 46,782

Name of Person Signing

Michael Hsu

Signature

9/2/2009

Date

Total number of pages including cover sheet: 7

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

700417097

PATENT  
REEL: 023189 FRAME: 0614

CH \$40.00 190743 12536427

**ASSIGNMENT**

WHEREAS, We, John Joseph Mullooly, residing at 11 Normandy Place, Colts Neck, NJ 07722, and Ali Sajassi, residing at 950 Winsford Court, San Ramon, CA 94583, and Pradosh Kumar Mohapatra, residing at 4911 Friar Avenue, Fremont, CA 94555, and Samer M. Salam, residing at 1501-1238 Melville Street, Vancouver, BC V6E 4N2, Canada, made certain new and useful inventions and improvements as described in an application for Letters Patent of the United States entitled SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CHASSIS COMMUNICATION PEERS;

WHEREAS, We hereby authorize and request the 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. 12/536,427 ; Filing Date: August 5, 2009 ) 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 therefore;

Docket No. 1370.293US1  
Client Ref. No. CPOL 960100 / SEQ 21346  
Title: SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CHASSIS  
COMMUNICATION PEERS  
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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.

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.

Docket No: 1370293US1  
Client Ref. No. CPOL 960100 / SEQ 21346  
Title: SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CHASSIS  
COMMUNICATION PEERS  
Page 3 of 6

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 27<sup>th</sup> day of

July, 2009.

  
\_\_\_\_\_  
John Joseph Mullooly

Docket No: 1370293US1

Client Ref No. CPOL 960106 / SEQ 21346


Title: SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CLASSIS  
COMMUNICATION PEERS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

July, 2009.

  
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Ali Sajassi

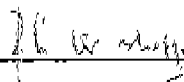
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Docket No: 1370 291081

Client Ref. No: CPO1 960100 / SEQ 21346

Title: SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CHASSIS  
COMMUNICATION PEERSPage 5 of 6

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day ofJuly, 2009.

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Pradosh Kumar Mohapatra

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Docket No. 1370,293US1

Client Ref. No. CPOL 960100 SEQ 21346

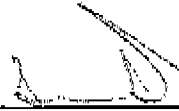
Title: SIGNALING OF ATTACHMENT CIRCUIT STATUS AND AUTOMATIC DISCOVERY OF INTER-CHASSIS  
COMMUNICATION PEERS

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of

July, 2009.



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Samer M. Salam

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