

02.08.06

RE

02-15-2006

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103178748

To the Honorable commissioner of Pate
Please record the attached original do

1. Name of conveying party(ies):

Manoj T. Narayanan
Hemant K. Hebbar
Vinayakumar V. Parameswarannair
Eden Tan
Michael R. Smith
Norman W. Finn

Additional name(s) of conveying party(ies) attached? _____ Yes No

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: February 2, 2006, February 2, 2006,
February 2, 2006, January 30, 2006, February 2,
2006, February 2, 2006

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: February 2, 2006, January 30, 2006,

A. Patent Application No.(s)

B. Patent No. (s)

Additional numbers attached? _____ Yes No

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

Name: Michael R. Reinemann
Street Address: Cesari and McKenna, LLP
88 Black Falcon Avenue
City: Boston State: MA Zip: 02210

6. Total number of applications and patents involved:..... 1

7. Total fee (37 CFR 3.41).....\$40.00

- Enclosed
- Authorized to be charged to deposit Account

8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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48.00 OP

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 R. Reinemann, Reg. No. 38,280

February 8, 2006

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet:

ASSIGNMENT

Whereas We, Manoj T. Narayanan, whose residence address is 4307 Renaissance Drive #118 , San Jose, CA 95134, Hemant K. Hebbar, whose residence address is 420 River Side Ct Apt. #208, Santa Clara, CA 95054, Vinayakumar V. Parameswarannair, whose residence address is 3478 Maroun Place, San Jose CA, 95148, Eden Tan, whose residence address is 2307 Middletown Dr., Campbell, CA 95008, Michael R. Smith, whose residence address is 884 Catkin Court, San Jose, CA 95128, and Norman W. Finn, whose residence address is 1685 Call of the Wild Court, Livermore, CA 94550, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEM AND METHOD FOR DETECTING AND RECOVERING FROM VIRTUAL SWITCH LINK FAILURES, identified by Cesari and McKenna File No. 112025-0644, which application was executed by us on 2nd February 2006; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, San Jose, CA 95134-1706, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional

consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

ASSIGNMENT

Whereas We, Manoj T. Narayanan, whose residence address is 4307 Renaissance Drive #118 , San Jose, CA 95134, Hemant K. Hebbar, whose residence address is 420 River Side Ct Apt. #208, Santa Clara, CA 95054, Vinayakumar V. Parameswarannair, whose residence address is 3478 Maroun Place, San Jose CA, 95148, Eden Tan, whose residence address is 2307 Middletown Dr., Campbell, CA 95008, Michael R. Smith, whose residence address is 884 Catkin Court, San Jose, CA 95128, and Norman W. Finn, whose residence address is 1685 Call of the Wild Court, Livermore, CA 94550, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEM AND METHOD FOR DETECTING AND RECOVERING FROM VIRTUAL SWITCH LINK FAILURES, identified by Cesari and McKenna File No. 112025-0644, which application was executed by us on _____; and

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2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

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Date

Manoj T. Narayanan, Inventor

Date

Hemant K. Hebbar, Inventor

Date

Vinayakumar V. Parameswarannair, Inventor

Date

Eden Tan, Inventor

Date

Michael R. Smith, Inventor

Feb. 2, 2006

Date



Norman W. Finn, Inventor

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Date



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Date

Michael R. Smith, Inventor

Date

Norman W. Finn, Inventor