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RECORDATION

HEET

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

PATENTS ONLY

100101-019400US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Yi Yang, March 31, 2006
Donnie Van Savage, March 31, 2006
Timothy M. Gage, March 31, 2006
Thuan Van Tran, March 31, 2006

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 31, 2006 and April 3, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.

Internal Address: _____

Street Address: 170 W. Tasman DriveCity: San JoseState: CACountry: USA Zip: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.
A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles J. Kulas

Internal Address: _____

Trellis Intellectual Property Law Group, PCStreet Address: 1900 Embarcadero RoadSuite 109City: Palo AltoState: CA Zip: 94303Phone Number: 650-842-0300Fax Number: 650-842-0304

Email Address: _____

6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 503000Authorized User Name Trellis Law Group, PC

9. Signature: _____

Signature

April 5, 2006

Date

Charles J. Kulas, Reg. No. 35,809

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 017774 FRAME: 0333

RECORDATION FORM COVER SHEET
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Page 2 of 2

Title of Invention: System and Method for Improving Network Performance and Security by Controlling Topology Information

James L. Ng, April 3, 2006

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to -, Cisco Technology, Inc., having a place of business at 170 W. Tasman Drive, San Jose, CA 95134, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **SYSTEM AND METHOD FOR IMPROVING NETWORK PERFORMANCE AND SECURITY BY CONTROLLING TOPOLOGY INFORMATION**

("APPLICATION"), which:

- ☒ is to be filed herewith
☐ was filed on _____,
now bearing U.S. serial number _____; and

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title of Document: **ASSIGNMENT**

Re: Yi Yan, et al.

Title:

System and Method for Improving Network Performance and Security by
Controlling Topology Information


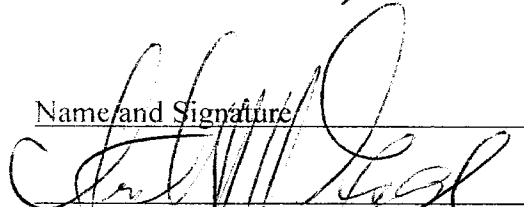
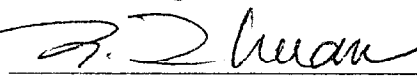
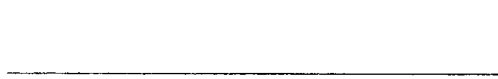
Filed: (if applicable)

Herewith

Atty. Docket No.:

100101-019400US/12641

Serial No.: (if applicable)

Name and Signature**Yi Yang**Date of Signature03/31, 2006Name and Signature**Donnie Van Savage**Date of Signature03/31, 2006Name and Signature**Timothy M. Gage**Date of Signature3/31/2006, 2006Name and Signature**Thuan Van Tran**Date of SignatureMarch 31st, 2006Name and Signature**James L. Ng**Date of Signature, 2006

Title of Document: **ASSIGNMENT**

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System and Method for Improving Network Performance and Security by
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Name and SignatureDate of SignatureYi Yang, 2006Name and SignatureDate of SignatureDonnie Van Savage, 2006Name and SignatureDate of SignatureTimothy M. Gage, 2006Name and SignatureDate of SignatureThuan Van Tran, 2006Name and SignatureDate of SignatureJames L. Ng4/3, 2006