

09-22-2005

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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)**

Kappagal Joish Viswanath, September 15, 2005  
Mrityunjay Sharanappa Hubli, September 15, 2005  
Mahesh Kumar, September 15, 2005

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

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

Execution Date(s) September 15, 2005

- ☒ 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 Drive

City: San Jose

State: CA

Country: USA Zip: 95134

Additional 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: Carpenter & Kulas, LLP

Street Address: 1900 Embarcadero Road

Suite 109

City: Palo Alto

State: CA Zip: 94303

Phone Number: 650-842-0300

Fax Number: 650-842-0304

Email Address: \_\_\_\_\_

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

**7. 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 503000

Authorized User Name Carpenter & Kulas, LLP

**9. Signature:**

Signature

September 15, 2005  
Date

Craig E. Shimmers, Reg. No. 33,281  
Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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**PATENT**  
**REEL: 017000 FRAME: 0453**

Docket No.: 100101-0012500US/10886

PATENT

**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 **METHOD AND SYSTEM FOR MANAGING COMMUNICATION OF ROUTER 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.

## PATENT

Title of Document: ASSIGNMENT

Re: Kappagal Joish

Viswanath, et al.

Title:

METHOD AND SYSTEM FOR MANAGING COMMUNICATION  
OF ROUTER INFORMATION

Filed: (if applicable)

Herewith

Atty. Docket No.:

100101-012500US

Serial No.: (if applicable)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>K. J. Viswanath</u> Kappagal Joish Viswanath	<u>15, Sep. 2005</u>	<u>2005</u>

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Krityunjay Sharanappa Hubli</u>	<u>15, Sep. 2005</u>	<u>2005</u>

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Mahesh Kumar</u>	<u>15, Sep. 2005</u>	<u>2005</u>