

ATTORNEY DOCKET: 062891.1472

FORM PTO 1595  
1-31-92

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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Party(ies):  
  
Thiyagesan (nm) Ramalingam  
955 Escalon Avenue, Apt. 615  
Sunnyvale, Santa Clara County, CA 94086  
Individual Citizenship: India  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and Address of receiving Party(ies):  
  
Name: Cisco Technology, Inc.  
  
Internal Address:  
  
Street Address: 170 West Tasman Drive  
  
City: San Jose  
  
State: California Zip: 95134  
  
Additional name(s) & Address(es) attached?  Yes  No

3. Nature of conveyance:  
  
 Assignment  Merger  
  
 Security Agreement  Change of Name  
  
 Other  
  
Execution Date: 10/11/00

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): 11/018,329

B. Patent No.(s):  
  
Additional Numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed to:  
  
Name: Keiko Ichiye  
Internal Address: BAKER BOTTS L.L.P.  
Street Address: 2001 Ross Avenue  
City: Dallas  
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One  
  
7. Total Fee (37C.F.R. 3.41): \$40.00  
  
 Enclosed  
 Authorized to be charged to deposit account  
  
8. Deposit Account Number:  
02-0384  
(Attach Duplicate Copy of this page if paying by deposit account)

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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.*

Keiko Ichiye

*Keiko Ichiye*  
Signature

*Jan 24, 2005*  
Date

Total number of pages including cover sheet

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information:

Commissioner of Patents and Trademarks  
Assignment Division  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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CH \$40.00 020384 11018329

ATTORNEY DOCKET NO.  
062891.0438

ASSIGNMENT

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**ASSIGNMENT**

**WHEREAS**, I, the undersigned inventor, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, Cisco Technology, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

**PATENT**  
**REEL: 015622 FRAME: 0754**

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062891.0438

ASSIGNMENT

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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: METHOD AND SYSTEM FOR TRANSMITTING MESSAGES  
IN A COMMUNICATIONS NETWORK

Signature of Inventor:



Inventor's Name:

Thiyagesan (nmi) Ramalingam

Residence (City, County, State)

Sunnyvale, Santa Clara County, California

Date Assignment executed:

10.11.2000

Date Application executed:

10.11.2000

PATENT