



4.19.00

04-28-2000

ASSIGNME



EET

101338535

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
  - a) Shankar Natarajan
  - b) Andrew G. Harvey
  - c) Hsuan-Chung Lee
  - e) Vipin Rawat
  - f) Leo Pereira
2. Name and address of receiving party(ies):
  - a) Name: Cisco Technology, Inc.  
Address: 170 West Tasman Drive, San Jose, California 95134-1706
3. Nature of conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date: August 13, 1999

4. Application Number(s) or Patent Number(s): 09/342,742

The title of the (new) application is:

***Technique for Collecting Operating Information From Network Elements, and For Controlling Network Element Behavior in a Feedback-Based, Adaptive Data Network***

5. Please send all correspondence concerning this (these) documents to:

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 130  
Mountain View, CA 94042-0130  
Telephone (510) 843-6200  
Fax (510) 843-6203

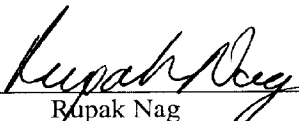


PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00

<input checked="" type="checkbox"/>	Enclosed
<input checked="" type="checkbox"/>	Any deficiencies in the fees are authorized to be charged to Deposit Account No. 50-0388 (Order No. <u>CISCP111</u> )
8. 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.

Date: April 19, 2000

  
Rupak Nag  
Registration No. 37,493

04/25/2000 TTRAM1 00000066 09342742

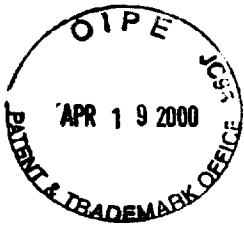
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Attorney Docket No. CISCP111/1075

(Revised 01/96)

**PATENT**  
**REEL: 010729 FRAME: 0707**



# ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Attorney Dkt: CISC111/1075

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

## TECHNIQUE FOR COLLECTING OPERATING INFORMATION FROM NETWORK ELEMENTS, AND FOR CONTROLLING NETWORK ELEMENT BEHAVIOR IN A FEEDBACK-BASED, ADAPTIVE DATA NETWORK

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on June 29, 1999, and which bears the Application No. 09/342,742.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Cisco Technology, Inc.**, a California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

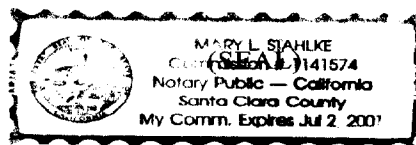
1) Signature: Shankar Natarajan Date: 8/13/99  
 Typed Name: Shankar Natarajan

County of Santa Clara )  
 ) ss.  
 State of California )

On this 13<sup>th</sup> day of August, in the year 1999, before me, MARY L. STAHLKE, personally appeared Shankar Natarajan, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~ she executed the same in ~~his~~ her authorized capacity, and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: Mary L. Stahlke



1 of 3

(Updated 5/18/98)

PATENT  
 REEL: 010729 FRAME: 0708

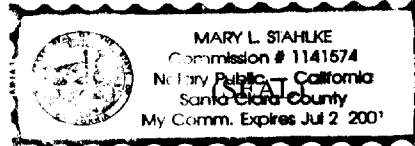
2) Signature: Andrew G. Harvey Date: 8/13/1999  
Typed Name: Andrew G. Harvey

County of Santa Clara )  
 ) ss.  
State of California )

On this 13<sup>th</sup> day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Andrew G. Harvey, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke



3) Signature: Hsuan-Chung Lee Date: 8/13/1999  
Typed Name: Hsuan-Chung Lee

County of Santa Clara )  
 ) ss.  
State of California )

On this 13<sup>th</sup> day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Hsuan-Chung Lee, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~/she executed the same in ~~his~~/her authorized capacity, and that by ~~his~~/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke



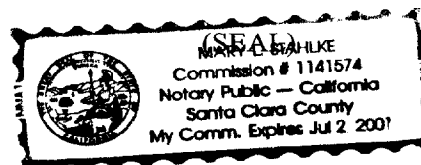
4) Signature: Vipin Rawat Date: 8/13/99  
Typed Name: Vipin Rawat

County of Santa Clara )  
 ) ss.  
State of California )

On this 13<sup>th</sup> day of August, in the year 1999, before me, Mary L. Stahlke, personally appeared Vipin Rawat, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged to me that ~~he~~/she executed the same in ~~his~~/her authorized capacity, and that by ~~his~~/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Mary L. Stahlke



5) Signature: *Leo Pereira*  
Typed Name: Leo Pereira

Date: 8/13/99

County of Santa Clara )  
 ) ss.  
State of California )

On this 13<sup>th</sup> day of August, in the year 1999, before me, Mary L. Stahlke personally appeared Leo Pereira, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Mary L. Stahlke*

