04-10-2000

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Mary G. Dowling

   Additional name(s) of conveying parties 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: CA Zip: 95134

   Additional name(s) & address(es) attached? □ Yes □ No

3. Nature of conveyance:
   □ Assignment □ Merger
   □ Security Agreement □ Change of Name
   □ Other ________________________________
   Execution Date: January 9, 2000

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)
      09/453,163
   B. Patent No. (s)

   Additional numbers attached? □ Yes □ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: D'Alessandro & Ritchie
   Internal Address: ________________________________
   Street Address: P.O. Box 640640
   City: San Jose State: CA Zip: 95164-0640

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 number:
   04-0025
   (Attach duplicate copy of this page if paying by deposit account)

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.
   Tara Hayden
   Name of Person Signing
   Signature
   February 4, 2000
   Date

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, DC 20231

PATENT
REEL: 010659 FRAME: 0373
ASSIGNMENT

WHEREAS, I, Mary G. Dowling, a citizen of the United States of America, residing at 5965 Foligno Way, San Jose, California 95138, have invented a “Apparatus and Method for Cluster Network Device Discovery” for which we have executed application papers for a U.S. patent thereon which was filed on December 2, 1999, serial no. 09/453,163; and

WHEREAS, Cisco Technology, Inc., a California corporation, having a place of business at 170 West Tasman Drive, San Jose, California 95134-1706, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Mary G. Dowling, do sell, assign, transfer and set over unto the said Cisco Technology, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Cisco Technology, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS MY HAND at San Jose, California, this 9th day of January, 1999.

Mary G. Dowling

STATE OF CALIFORNIA
COUNTY OF Santa Clara ss.

On this 9th day of January, 1999, before me, a Notary Public, personally appeared Mary G. Dowling, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signature/s on the instrument the person/s or the entity upon behalf of which the person/s acted, executed the instrument.

WITNESS my hand and official seal.

Jennifer C. Owings

RECORDED: 03/13/2000
PATENT
REEL: 010659 FRAME: 0374