

08-20-2002



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PATENTS ONLY
Attorney's Do. No. 2705-232

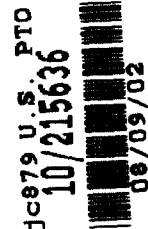
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Anurag Dhingra

Serial No.: (filed herewith)

Filed: (filed herewith)

For: **METHOD AND APPARATUS FOR DETECTING FAILURES
IN NETWORK COMPONENTS**



BOX ASSIGNMENTS
Commissioner of Patents
and Trademarks
Washington, DC 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

080902

- 1. Name of parties conveying an interest: Anurag Dhingra
- 2. Name and address of party receiving an interest: Cisco Technology, Inc.
170 West Tasman Drive
San Jose, California 95134-1706
- 3. Description of the interest conveyed:
 Assignment Change of Name Security Agreement Merger

Other:

Date of execution of attached document: July 31, 2002

- 4. Application number(s) or patent number(s). Additional sheet attached?
Yes No

10/215636

If this document is being filed together with a new application, the execution date of the application is:

July 31, 2002

A. Patent Application No. _____

B. Patent No. _____

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

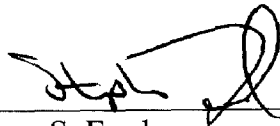
Stephen S. Ford
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

6. Number of applications and patents involved: one
7. PTO Form 2038 authorizing credit card payment of \$40 for the recordal fee.
8. Any deficiency or overpayment should be charged or credited to Deposit Account No. 13-1703.
9. 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.

Dated: August 8, 2002

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



Stephen S. Ford
Registration No. 35,139

Total number of pages comprising
cover sheet and attached assignment: 3

ASSIGNMENT

Assignor: Anurag Dhingra
Address: 38822 Farwell Drive, #19D
Fremont, CA 94536

Assignee: Cisco Technology, Inc.
Address: 170 West Tasman Drive
San Jose, CA 95134-1706

Title of Invention: METHOD AND APPARATUS FOR DETECTING FAILURES IN NETWORK COMPONENTS

U.S. Patent Application:

Application Serial No.: Not Yet Assigned

Filing Date: Filed Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

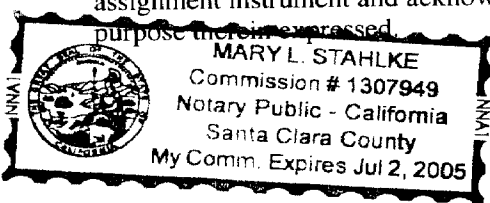
In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at SAN JOSE, Calif, this 31st day of July, 2002.

Anurag Dhingra
Anurag Dhingra
Assignor

STATE OF CALIFORNIA)
County of SANTA CLARA) ss.

Before me this 31st day of July, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Mary L. Stahlke
Notary Public for
My commission expires:

[SEAL]