

PATENT APPLICATION  
Attorney's Do. No. 2705-409

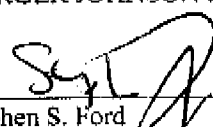
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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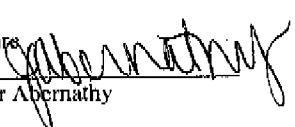
Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest:
  - (1) John T. Chapman
  - (2) David B. Fox
  - (3) Albert A. Slane
2. Name and address of party(ies) receiving an interest: Cisco Technology, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706
3. Description of the interest conveyed:  
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger ☐ Other  
Date of execution of attached document: May 20, 2005, May 18, 2005
4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No X  
A. Patent Application No. 11/134,659, filed May 20, 2005 B. Patent No.
5. Name and address of party to whom correspondence concerning document should be mailed:  
MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613
6. Number of applications and patents involved: 1
7. PTO Form 2038 authorizing credit card payment (\$40) is enclosed.
8. Any deficiency or overpayment should be charged or credited to deposit account number 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: June 27, 2005

Respectfully submitted,  
MARGER JOHNSON & McCOLLOM, P.C.  
Stephen S. Ford  
Registration No. 35,139MARGER JOHNSON & McCOLLOM, P.C.  
1030 SW Morrison Street  
Portland, OR 97205  
(503) 222-3613I hereby certify that this correspondence  
is being transmitted to the U.S. Patent and  
Trademark Office via facsimile number  
703-306-5995, on June 27, 2005.

Signature

  
Jennifer AbernathyTotal number of pages comprising  
cover sheet and attached assignment 5

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PATENT APPLICATION  
PATENT  
Attorney's Do. No. 2705-409

ASSIGNMENT

**Assignor:** **John T. Chapman**

**Address:** 13250 Pierce Road  
Saratoga, CA 95070

**Assignor:** **David B. Fox**

**Address:** 99 Fox Run Rd  
Bolton, MA 01740

**Assignor:** **Albert A. Slane**

**Address:** 5003 Creek Haven Rd  
Cottage Grove, WI 53527

**Assignee:** Cisco Technology, Inc.

**Address:** 170 West Tasman Drive  
San Jose, California 95134-1706

**Title of  
Invention:** WIDEBAND CABLE MODEM WITH NARROWBAND  
CIRCUITRY

**U.S. Patent Application:**

**Application Serial No.:** 11/134,659

**Filing Date:** May 20, 2005

**U.S. Patent No.:**


**Issued:**

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, CA, this 20 day of May, 2005.

  
\_\_\_\_\_  
John T. Chapman  
Assignor

Executed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
David B. Fox  
Assignor

Executed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
Albert A. Slane  
Assignor

18-2005 09:32am From: Cisco Systems Boxborough 1

+978 838 2122

T-882 P.002/003 F-205


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.

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Executed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
John T. Chapman  
Assignor

Executed at Bolton, MA, this 18<sup>th</sup> day of May, 2005.

  
\_\_\_\_\_  
David B. Fox  
Assignor

Executed at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

\_\_\_\_\_  
Albert A. Slane  
Assignor

5 08:25 From

T-492 P.04/05 F-790

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.

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Assignor