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FR SHEET

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

<p>1. Name of conveying party(ies): Paul M. Elliot Phu S. Le</p> <p><input type="checkbox"/> Additional name(s) of conveying party(ies) attached.</p>	<p>2. Name and address of receiving party(ies): Name: CISCO TECHNOLOGY INC. Address: 170 West Tasman Drive, MS-SJC 10/5/3 San Jose, California 95134</p> <p><input type="checkbox"/> Additional name(s) & address(es) attached.</p>
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<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> License</p>	<p>Execution Date: April 6, 2000</p> <p><input type="checkbox"/> Change of Name <input type="checkbox"/> Change of Address <input type="checkbox"/> Other:</p>
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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:

<p>A. Patent Application Number(s): 09/532,611</p>	<p>B. Patent Number(s):</p>
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Additional numbers attached? Yes No


<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Douglas J. Ryder Address: J.P. Blasko Prof. Corp. 107 North Broad Street Doylestown, PA 18901</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account number:</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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DO NOT USE THIS SPACE

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Statement and signature ^{40.00 OP}
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.

<p><u>Douglas J. Ryder</u> Name of Person Signing</p>	 Signature	<p><u>6/30/00</u> Date</p>
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Total number of pages including cover sheet, attachments, and document(s): 3

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR(S):

Name	Address
Paul M. Elliot	P.O. Box 48, Jenner CA
Phu S. Le	6081 Dawn St., Rohnert Park, CA

hereby sells, assigns and transfers to

ASSIGNEE:

Name	Address
CISCO TECHNOLOGY INC.	170 West Tasman Drive, MS-SJC 10/5/3 San Jose, California 95134

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

METHOD AND APPARATUS FOR ROUTING TELECOMMUNICATIONS SIGNALS

invented by Paul M. Elliot and Phu S. Le [INVENTOR(S)] and which is found in

- the U.S. patent application executed on even date herewith;
- the U.S. patent application executed on _____ ;
- the U.S. patent application no. 09/532, 611, filed on MARCH 22, 2000;
- the U.S. patent no. _____ issued on _____ ;

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the above application or any continuation, division, renewal, continuation-in-part or substitute thereof, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR(S) hereby authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S), and that ASSIGNOR(S) will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

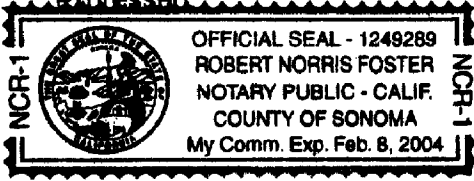
Name: Paul M. Elliot

Paul M. Elliot
Signature

Date: April 5, 2000

State of California
County of Sonoma

Before me this 5 day of Apr 2000, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.



Robert Foster
Notary Public

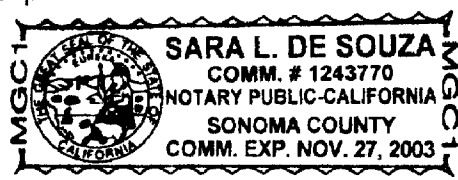
Name: Phu S. Le

[Signature]
Signature

Date: April 06, 2000

State of California
County of Sonoma

Before me this 6th day of April 192000 personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.



Sara L. De Souza
Notary Public

Name:

Signature

Date: _____

State of _____
County of _____

Before me this _____ day of _____ 19____, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

Notary Public