



FORM PTO 1595
1-31-92

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

<p>1. Name and Address of Conveying Party(ies) INDIVIDUAL:</p> <p>Luke K. Surazski 1326 The Alameda Apt. 363 San Jose, Santa Clara County, California 95126</p> <p>Individual Citizenship: Canada Date of Execution: December 17, 2001 Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and Address of receiving Party(ies):</p> <p>Name: Cisco Technology, Inc. Internal Address: 170 West Tasman Drive Street Address: 170 West Tasman Drive City: San Jose State: California Zip: 95134</p> <p>Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>						
<p>3. Nature of conveyance:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Assignment</td> <td><input type="checkbox"/> Merger</td> </tr> <tr> <td><input type="checkbox"/> Security Agreement</td> <td><input type="checkbox"/> Change of Name</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> </tr> </table> <p>Execution Date: December 17, 2001 and December 19, 2001</p>		<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 checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger						
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name						
<input type="checkbox"/> Other							

JCS26 U.S. PTO
10/039158
12/31/01

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: 12/17/2001; 12/19/2001

A. Patent Application No.(s):	B. Patent No.(s): Additional Numbers <input type="checkbox"/> Yes <input type="checkbox"/> No
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<p>5. Name and address of party to whom correspondence concerning document should be mailed to:</p> <p>Name: Barton E. Showalter Internal Address: BAKER BOTTS L.L.P. Street Address: 2001 Ross Avenue, Suite 600 City: Dallas State: Texas Zip: 75201-2980</p>	<p>6. Total number of application and patents involved: One</p> <p>7. Total Fee (37C.F.R. 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: (Attach Duplicate Copy of this page if paying by deposit account)</p>
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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.

Bradley P. Williams
Reg. No. 40,227

Bradley P. Williams
Signature

December 31, 2001
Date

Total number of pages including cover sheet

OMB No. 0651-0011 (exp. 4/94) Do not detach this portion

Mail documents to be recorded with required cover sheet information:

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FORM PTO-1595
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Michael E. Knappe
697 Timberpine Ave.
Sunnyvale, Santa Clara County, California 94086
Citizenship: Canada
Date of Execution: December 19, 2001

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as "Assignee"), a California corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

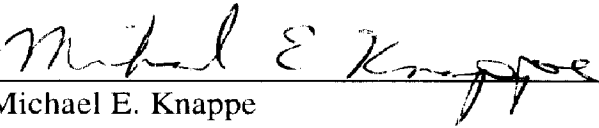
I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

METHOD AND SYSTEM FOR MANAGING
ERRONEOUS ATTENUATION OF SIGNAL

Signature of Inventor:
Inventor's Name:


Michael E. Knappe

Residence (City, County, State)

Sunnyvale, Santa Clara County, California

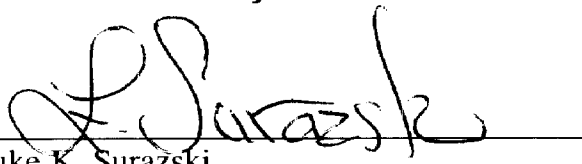
Date Assignment executed:

Dec 19, 2001

Date Declaration executed:

Dec 19, 2001

Signature of Inventor:
Inventor's Name:


Luke K. Surazski

Residence (City, County, State)

San Jose, Santa Clara County, California

Date Assignment executed:

Dec 17th/2001

Date Declaration executed:

Dec 17th/2001