IN THE UNITED 5-2-05

102999711

IARK OFFICE

Docket No.: CSCO-9176

I hereby certify that this transmittal of the below de-	scribed documents is being de	posited with the unned States Postal	Service in an envelope bearing	
Express Mail Postage and an Express Mail label, with the below senal number, addressed to the Commissioner for Patents, P.O. Box 1450,				
Alexandria, VA 22313-1450on the below date of deposit.				
Express Mail EXICEE 2111(211)	Name of Person Making the	Andhann Chan		

Express Mail Label No.: EV655311162US

Deposit Date of ignature of the Person May 2, 2005 Deposit:

Anthony Chou Making the Deposit:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir: Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

1. Name of conveying party(ies): Moni PANDE,

> Jie Cheng JIANG, Navindra YADAV,

Gnanaprakasam PANDIAN,

**Pauline SHUEN** 

Serial No.:

Filed:

May 2, 2005

**Group Art Unit:** 

Examiner:

Name and Address of

Receiving party(ies)

Cisco Technology, Inc.

170 West Tasman Drive

San Jose, CA 95134-1706

05/05/2005 STEUMEL1 00000025 11120668

06 FC:8021

40.00 OF

\$40.00

3. Nature of Conveyance:

Assignment

**Execution Date:** 

04/28/2005, 04/28/2005, 04/28/2005, 04/29/2005, 04/30/2005

4. New Patent Application entitled:

METHOD, APPARATUS AND SYSTEM FOR IMPROVING

ETHERNET RING CONVERGENCE TIME

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

Name:

Thomas M. Catale

Address

Wagner, Murabito & Hao LLP

Two North Market Street, Third Floor, San Jose, CA 95113

Phone

(408) 938-9060

000045593 Customer No:

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)

The amount of \$ 40.00

is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

**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.

Date: May 2, 2005

homas M. Catale Reg. No. 46,434

Page 1 of 1

PATENT

REEL: 016532 FRAME: 0614

Attorney Docket No.:	CSCO-9176

### Assignment to Cisco Technology, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Moni PANDE, Jie Cheng JIANG, Navindra YADAV, Guanaprakasam PANDIAN, Pauline SHUEN

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

# METHOD, APPARATUS AND SYSTEM FOR IMPROVING ETHERNET RING CONVERGENCE TIME

x filed herewith and the in United States and of c	nventions set forth and desc ountries foreign thereto whi	cribed therein, and any and a ch may be granted thereon	all Letters Patent of the or therefor; or
Serial No.: and described therein, which may be granted	filed on and all Letters Pathereon or therefor;	atent of the United States a	and the inventions set forth nd of countries foreign thereto
and deliver without further continuation, divisional or re successors and assigns, th States and in any country	compensation any power issue, or other papers which ie inventions described in ser- foreign thereto, and to inventions and in the adjudi	er of attomey, assignment, h may be necessary or desi- said application and all pate cooperate and assist in the cation or reexamination of s	ccessors or assigns, to execute application, whether original rable fully to secure to Cisco, its ent rights therein, in the United prosecution of interference said Letters Patent provided the nice are paid by Cisco.
mortgage, license, or other	agreement affecting the rig	hts and property herein con-	ves that no assignment, grant veyed has been made to others ossessed by the undersigned;
In witness whereof, I/we her	eunto set my/our hand(s) a	nd seal:	
Inventor's Signature:	Moni PANDE	Date:	04/28/2005
* Total of <u>5</u> form	ns are submitted. (Multip	ele Page 1)	
Page 1			

Attorney Docket No.:	CSCO-9176

#### Assignment to Cisco Technology, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Moni PANDE, Jie Cheng JIANG, Navindra YADAV, Gnanaprakasam PANDIAN, Pauline SHUEN

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

## METHOD, APPARATUS AND SYSTEM FOR IMPROVING ETHERNET RING CONVERGENCE TIME

X filed herewith and the United States and of	inventions set forth and described the countries foreign thereto which may	erein, and any and ai	Il Letters Patent of the
	filed on n, and any and all Letters Patent of	_	
And for the above consider and deliver without furth continuation, divisional or successors and assigns, States and in any count proceedings involving said	ration, I/we agree promptly upon req er compensation any power of att reissue, or other papers which may b the inventions described in said app ry foreign thereto, and to coopera I inventions and in the adjudication o curred by me/us in lending such coop	torney, assignment, e necessary or desirablication and all paterate and assist in the reexamination of sa	application, whether original, able fully to secure to Cisco, its nt rights therein, in the United e prosecution of interference aid Letters Patent provided the
mortgage, license, or other	n Cisco, its successors, assigns, an r agreement affecting the rights and lat full right to convey the same as he	property herein conve	eyed has been made to others
In witness whereof, I/we ha	ereunto set my/our hand(s) and seal:		
Inventor's Signature:	Jie Cheng JIANG	Date:	04/28/05
* Total of <u>5</u> for	rms are submitted. (Multiple Page	1)	

Page 1

Page 1

Attorney Docket No.: CSCO-9176
Assignment to Cisco Technology, Inc.
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Moni PANDE, Jie Cheng JIANG, Navindra YADAV, Gnanaprakasam PANDIAN, Pauline SHUEN
do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
METHOD, APPARATUS AND SYSTEM FOR IMPROVING ETHERNET RING CONVERGENCE TIME
filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or
Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;
And for the above consideration, I/we agree promptly upon request of Cisco, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cisco, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cisco.
I/we further covenant with Cisco, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and soal:
Inventor's Signature:  Naviadra YADAV  Date: 04/28/2005
* Total of <u>5</u> forms are submitted. (Multiple Page 1)

Attorney Docket No.: CSCO-9176
Assignment to Cisco Technology, Inc.
In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Moni PANDE, Jie Cheng JIANG, Navindra YADAV, Gnanaprakasam PANDIAN, Pauline SHUEN
do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:
METHOD, APPARATUS AND SYSTEM FOR IMPROVING ETHERNET RING CONVERGENCE TIME
Inited States and of countries foreign thereto which may be granted thereon or therefor; or
Serial No.:  filed on  and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;
And for the above consideration, I/we agree promptly upon request of Cisco, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cisco, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cisco.
I/we further covenant with Cisco, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;
In witness whereof, I/we hereunto set my/our hand(s) and seal:
Inventor's Signature: G. Rondian Date: 4/29/05  Gnanaprakasam PANDIAN
* Total of _5 forms are submitted. (Multiple Page 1)

Page 1

Attorney Docket No.:	CSCO-9176
Title I To J. D. Quitor I To I.	COCO-21/0

### Assignment to Cisco Technology, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Moni PANDE, Jie Cheng JIANG, Navindra YADAV, Gnanaprakasam PANDIAN, Pauline SHUEN

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

# METHOD, APPARATUS AND SYSTEM FOR IMPROVING ETHERNET RING CONVERGENCE TIME

X	filed herewith and the inventional United States and of countries	s set forth and described therein, and any an foreign thereto which may be granted therec	nd all Letters Patent of the on or therefor; or
41111 <b>977</b>	Serial No.: and described therein, and any which may be granted thereon	filed on yand all Letters Patent of the United States or therefor;	and the inventions set forth and of countries foreign thereto
and cont succ State proc	deliver without further compeinuation, divisional or reissue, or essors and assigns, the inventes and in any country foreign eedings involving said invention	re agree promptly upon request of Cisco, its ensation any power of attorney, assignment of the papers which may be necessary or detions described in said application and all put thereto, and to cooperate and assist in a sand in the adjudication or reexamination of me/us in lending such cooperation and assist	nt, application, whether original, estrable fully to secure to Cisco, its atent rights therein, in the United the prosecution of interference of said Letters Patent provided the
mor	igage, license, or other agreeme	s successors, assigns, and legal represent ent affecting the rights and property herein co at to convey the same as herein expressed is	priveved has been made to others
in wi	itness whereof, I/we hereunto se	et my/our hand(s) and seal:	
inve	ntor's Signature: Paula Pau	ine Shuen Date	÷ 4/30/2005
*	Total of <u>5</u> forms are su	abmitted. (Multiple Page 1)	
Page	ə 1		

PATENT
RECORDED: 05/02/2005 REEL: 016532 FRAME: 0619