Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30)		2006 	U.S. DEPARTMENT OF COMM United States Patent and Tradem	
	6. Patent and Trademark Office: Pleas	se record the attached	documents or the new address(es) be	low.
1. Name of conveying p	arty(ies)	2. Name and ad	dress of receiving party(ies)	_
DONNIE V. SAVAGE ALVARO E. RETANA		Name: CISCO TEC	CHNOLOGY, INC.	<u> </u>
STEVEN E. MOORE		Internal Address	:	5.E
9		·		455 455
Additional name(s) of conveying	Additional name(s) of conveying party(ies) attached? Yes V			=4
	3. Nature of conveyance/Execution Date(s):		170 WEST TASMAN DRIVE	1321
Execution Date(s) May 23	Execution Date(s) May 23 & 31, 2006			
✓ Assignment	Merger			
Security Agreement	Change of Name	City: SAN JOSE		
	☐ Joint Research Agreement			
Government Interest	Assignment	State: California Country: USA		
Executive Order 9424	Executive Order 9424, Confirmatory License		Zip: <u>95134-1706</u>	
Other		Additional name(s)	& address(es) attached? Yes	✓ No
4. Application or patent number(s):				

Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No
4. Application or patent number(s):	document is being filed together with a new application. B. Patent No.(s)
Additional numbers at	ached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Karen Hallock, Cisco Systems, Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card ✓ Authorized to be charged to deposit account
Street Address: 170 West Tasman Drive	Enclosed
SJC/10/2/1	None required (government interest not affecting title)
City: San Jose	8. Payment Information
State: California Zip:95134-1706	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 408.526.4000	b. Deposit Account Number 502314
Fax Number: 408.526.5952	
Email Address:_patent-team@cisco.com	Authorized User Name Peggy A. Su
9. Signature: Peggy Signature	June 2, 2006 Date
PEGGY A. SU Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

06/07/2006 DBYRNE 01 FC:8021

00000116 502314 11445584

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors "Assignor"), 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., ("Assignee") a California corporation having an address of 170 West Tasman Drive, San Jose, California 95134-1706, desires to acquire all 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 United States 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 therefore, 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.

Atty Dkt. 13684

PATENT REEL: 017962 FRAME: 0868 This Assignment shall be binging on the parties' successors, assigns and legal representatives.

Title of the Invention:

TRANSPARENT AUTOMATIC PROTECTION SWITCHING FOR A CHASSIS DEPLOYMENT

Signature of Inventor:

Inventor's Name:

DONNIE V. SAVAGE

Residence (City, State):

Post Office Address:

9928 MIRANDA DRIVE, RALEIGH, NC 27617

Citizenship:

USA

S/23/06

Atty Dkt. 13684

Date application Executed:

PATENT REEL: 017962 FRAME: 0869 3

Title of the Invention:	TRANSPARENT AUTOMATIC PROTECTION SWITCHING FOR A CHASSIS DEPLOYMENT
Signature of Inventor:	Hickory Chan
Inventor's Name:	ALVARO E. RETANA
Residence (City, State):	RALEIGH, NC
Post Office Address:	9001 SHELLWOOD COURT, RALEIGH, NC 27617
Citizenship:	USA
Date:	May 31,06
Date application Executed:	Man 31.06

Atty Dkl 13684

Title of the Invention:	TRANSPARENT AUTOMATIC PROTECTION SWITCHING FOR A CHASSIS DEPLOYMENT
Signature of Inventor:	Str & Moon
Inventor's Name:	STEVEN E. MOORE
Residence (City, State):	HOLLY SPRINGS, NC
Post Office Address:	6308 HILBERT RIDGE DRIVE, HOLLY SPRINGS, NC 27540
Citizenship:	AZU
Date:	5/23/206
Date application Executed:	5/23/2006

Atty Dkt. 13684

RECORDED: 06/02/2006

PATENT REEL: 017962 FRAME: 0871