07-1	13-1998 <u>ET</u>	
MAIR / 3/44V		9
To the Honorable commissioner of Pat		A _L
Please record the attached original d 100	761714	. S
Name of conveying party(ies): Scott Nellenbach	2. Name and address of receiving party(ies):	/106
Kenneth Michael Key	Name: Cises Technology Inc	460
Edward D. Paradise	Name: Cisco Technology, Inc.	ή.
Kenneth H. Potter Jr.		
	Street Address:	
Additional name(s) of conveying party(ies) attached? Yes X No	170 West Tasman Drive, Building D	
party(les) attached: les X100	City: San Jose	
	City. Sail Jose	
3. Nature of conveyance:	State: CA Zip: 95134-1706	
X Assignment		
Merger		
Security Agreement		
Change of Name		
Other	Additional name(s) & address(es)	
	attached? Yes X No	
Execution Date: June 26, 1998		
4. Application number(s) or patent number(s):		
A. Patent Application No.(s)	B. Patent No. (s)	
Additional numbers attache	ed?YesX_No	
5. Name and address of party to whom	6. Total number of applications and	W. P. Andrewson V. Company of the Co
correspondence concerning document should be	patents involved:1	
mailed:		
	7. Total fee (37 CFR 3.41)\$40.00)
Name: Charles J. Barbas, Esq.	X Enclosed	
CESARI AND MCKENNA, LLP	Authorized to be about 44 d	a n acit
Street Address:	Authorized to be charged to d	сроян
30 Rowes Wharf	8. Deposit account no. 03-1237 (Attach duplic	eate
City: Boston State: MA Zip: 02110	copy of this page if paying by deposit accounting.	
	copy of this page it paying by deposit according	*11t <i>j</i>
DO NOT	USE THIS SPACE	
7/1998 SCHAPMAN 00000004 09106245		
:581 40.00 gp		
 Statement and signature. To the best of my knowledge and belief, the foregoing inform copy of the original document. 	nation is true and correct and any attached copy is a true	
Chiles Rados	6-29-98	
Charles J. Barbas, 32,959 Signature	Date Total number of pages comprising cover shee	f •
	Total number of pages comprising cover snee	

PATENT

REEL: 9294 FRAME: 0522

ASSIGNMENT

Whereas We, Scott Nellenbach, who reside at 208 Burgwin Wright Way, Apex, North Carolina 27502, Kenneth Michael Key, who reside at 3604 Moss Bluff Court, Raleigh, North Carolina 27613, Edward D. Paradise, who reside at 301 Madera Lane, Chapel Hill, North Carolina 27514, and Kenneth H. Potter Jr., who reside at 5404 Amsterdam Place, Raleigh, North Carolina 27606, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled POOLED RECEIVE AND TRANSMIT QUEUES TO ACCESS A SHARED BUS IN A MULTI-PORT SWITCH ASIC, identified by Cesari and McKenna File No. 112025-0086, which application was executed by us on United 26, 1998; and

Whereas Cisco Technology, Inc., whose address is 170 West Tasman Drive, Building D, San Jose, CA 95134-1706, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer, and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent:
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise:
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions

PATENT REEL: 9294 FRAME: 0523 and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

6/16/98 Date	Scott Nellenbach, Inventor
State of North Carolina County of Dur han))ss.)
Nellenbach, to me known a	nd known to me to be the person described in and who rument. and he/she acknowledged the same to be his/her free

[seal]

2

Notary Public in expires 10/12/02

June 26, 1998 Date	Kenneth Michael Key, Inv	ventor /
State of North Carolina County of <u>Durinam</u>))ss.)	
On this <u>26</u> day o Michael Key, to me known a	of <u>Sane</u> . 1998, be and known to me to be the p	
[seal]	Notary My Cor	Public rymission expires 10/12/02
6/26/98 Date	Edward D. Paradise, Inves	Lua lui e
State of Carolina County of <u>barra</u>))ss.)	
Paradise, to me known and k	nown to me to be the perso	efore me appeared Edward D. n described in and who executed same to be his/her free act and
[seal]	Notary My Con	Makuga Public nonission expires 10/0/02

PATENT REEL: 9294 FRAME: 0525

6-26-98	Xut I P.M
Date	Kenneth H. Potter Jr., Inventor
State of North Carolina Ouvha County of	m (F))ss.
County of WAK)
Potter Jr., to me known a	ny of Sant 1998, before me appeared Kenneth H. and known to me to be the person described in and who executed and he/she acknowledged the same to be his/her free act and
[seal]	Notary Public Propies 10/10/02

RECORDED: 06/29/1998