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PATENTS ONLY Attorney's Do. No. 2705-89

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:		Gary Beckstrom and Pradip N. Nirmel			
Serial No.:		09/440,152			
Filed:		November 15, 1999			
For:		BREAKOUT/BREAK-IN HYBRID NETWORK SYSTEM			
Assist	Missing Parts ant Commissioner for ington, DC 20231	Patents			
under	Please record the attasigned.	ached original document or co	ppy thereof and return the recorded instrument to the		
1.	Name of parties conv	eying an interest:	Gary Beckstrom Pradip N. Nirmel		
2.	Name and address of	party receiving an interest:	Cisco Technology, Inc. 170 West Tasman Drive San Jose, California 95134-1706		
3.	Description of the interest conveyed:				
	X Assignment Change of Name Security Agreement Merger				
	Other:				
	Date of execution of	attached document:	 November 15, 1999 November 15, 1999 		
4.	Application number(s) or patent number(s). Additi	onal sheet attached? Yes NoX		
	If this document is being filed together with a new application, the execution date of the application is:				
			1) November 15, 1999 2) November 15, 1999		
	A. Patent Applicatio	n No.	B. Patent No.		
5.	Name and address of party to whom correspondence concerning document should be mailed:				
	Stephen S. Ford MARGER JOHNSO 1030 S.W. Morrison Portland, Oregon 97: Telephone: (503) 22		te concerning document should be mailed: 000000 1000000 1000000000000000000		

PATENT 5 5 REEL: 010491 FRAME: 0511

- 6. Number of applications and patents involved: one
- 7. Enclosed is our check for \$40.00
- 8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
- 9. 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.

Dated: January 12, 2000

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Stephen S. Ford

Registration No. 35,139

Total number of pages comprising cover sheet and attached assignment: 5

I hereby certify that this correspondence is being deposited with the United States Postal Service addressed to: Box Missing Parts, Assistant Commissioner for Patents, Washington DC 20231 on January 12, 2000.

Signature

Tabitha John on

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PATENT REEL: 010491 FRAME: 0512

ASSIGNMENT

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Assignee: CISCO TECHNOLOGY, INC

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San Jose, California 95134-1706

Title of BREAKOUT/BREAK-IN HYBRID NETWORK SYSTEM

Invention:

U.S. Patent Application:

Application Serial No.: not yet known Filing Date: herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its

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successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at $San \sim 6$	≤ €, California, thi	is 15th day o	of $\mathcal{N}oO$. , 1999

Gary Beckstrom

Assignor

STATE OF CALIFORNIA

ss.

County of Santa Clara

Before me this 15th day of Nov., 1999, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Mai & Sousse Kopens Notary Public for California

My commission expires: $1 - 2 \cdot 0 \cdot 01$

[SEAL]



Executed at San José, California, this 15th day of Now., 1999

Pradip N. Nirmel Assignor

STATE OF CALIFORNIA

) ss.

County of Santa Class

Before me this 15th day of Now., 1999, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Man Colonia Royala Notary Public for California My commission expires: 1-20-01

[SEAL]



RECORDED: 01/18/2000