11-17-1998

Docket No.: CIS-549pA4

ER SHEET

R

100900897 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) 1. John D. Cashman Cisco Technology, Inc. Name: 2. Paul M. Riley 3. Raymond G. Bahr Internal Address: 4. Wei Ye Additional name(s) of conveying party(ies) attached? [] Yes [] No 3. Nature of conveyance: Street Address: 170 Tasman Drive Assignment [] Merger [X] Security Agreement [] Change of Name City: San Jose 95134 Other Additional name(s) & address(es) attached? Execution Date: [] Yes [X] No 1. Oct-26-98 2. Oct-26-98 09/184,998 Application number(s) or patent number(s): 3. Oct-26-98 If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] concerning document should be mailed: 7. Total Fee (37 C.F.R. 3.41).....\$ 40.00 Leo R. Reynolds, Esq. [X Enclosed with application fee Internal Address: IX1 Authorized to charge any deficiencies or credit any Hamilton, Brook, Smith & Reynolds, P.C. overpayment to deposit account Street Address: Two Militia Drive 8. Deposit account number: 08-0380 ZIP: 02421-4799 City: Lexington (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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.

11/13 Name of Person Signing 40.00 OP Signature

Total number of pages including cover sheet, attachments, and document: [5]

02 FC:581

Joint 1

ASSIGNMENT

WHEREAS, we, John D. Cashman, Paul M. Riley, Raymond G. Bahr, and Wei Ye have invented a certain improvement in

DATA PROCESSOR WITH BIT UNSTUFFING INSTRUCTION SET EXTENSION

described in an application for Letters Patent of the United States, the specification of which:

[X]	is about to be filed in the United States Patent Office;	
[]	was filed on as Application No;	
[]	was patented under U.S. Patent Noon	

WHEREAS, Cisco Technology, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, and having a usual place of business at 170 W. Tasman Drive, San Jose, California 95134 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution,

reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREO	F, we have he Inventor:	reunto set our hands and affixed our seals John D. Cashman
		John D. Casimian
State/Commonwealth		U
of Massachusetts		
County of Middlesex	_	
Then personally appeared before me that he executed the foregoing instruday of <u>toke</u> , 1998.	ment as his fr	med John D. Cashman and acknowledged ee act and deed this
	Marya	Notary Public
(SFAI)	MARCAR	67 A. MILL ((print name)

My Commission expires 11 1/9 12002

PATENT REEL: 9575 FRAME: 0400

the

-3-		
Inventor:	Tout Kile	
	Paul M. Riley	

My Commission expires 11/19/2002

State/Commonwealth		
of Massachusetts	_	
County of Middlesex	_	
	the above-named Paul M. Riley and acknowledged that t as his free act and deed thisday of	
	Margaret Mall Notary Public	
(SEAL)	MARSARET A. Micls (print name)	
	My Commission expires 11/19/2002	
	Inventor: Saymond S. Bahr Raymond G. Bahr	
State/Commonwealth of Wassachusetts		
County of Middlesey	_	
Then personally appeared before me the above-named Raymond G. Bahr and acknowledged that he executed the foregoing instrument as his free act and deed this		
	Murgaret Ail Notary Public	
(SEAL)	Marches T. A. Mil (String name)	

-4-

Inventor:

State/Commonwealth

of Massachusetts

County of Middleser

Then personally appeared before me the above-named Wei Ye and acknowledged that he executed the foregoing instrument as his free act and deed this ______day

of October, 1998.

(SEAL)

MANGARET A. MILLS (print name)

My Commission expires 11/19/202

 $K: \label{lem:kindlocal} K: \label{lem:kindlocal} LRR48 \label{lem:kindlocal} CIS \label{lem:kindlocal} ASG$

RECORDED: 11/06/1998