	R	E(			ent of Commerce
		10079	38398		rademark Office
TO: The Commiss	ioner of Patents and		COOSO		or conv(ies) (ies)
TO: The Commissioner of Patents and Trauernairs. Please record the attached original document(s) or copy(ies). ### Submission Type    Submission Type					
New			│		- 18
	(Non-Recordation)		License		88
Document ID #			Merger		175
☐ Correction of PTO Error			Security Agreer	ment	N
Reel#	Frame #		Change of Nam	ne	
Corrective Doc			☐ Other:		
Reel #	Frame #				
Conveying Party(	ies) / _	2611		Execution Date(s	s)
1. Williams, Jr., John J. 6-28-04			06-24-2004		
2. Fingerhut, John Andrew			06-25-2004		
3. Tang, Man Kit			06-25-2004		
4. Burns, Barry S	COTT			06-25-2004	
5.					
6. Mark if Addition	nal Names of Conva	vina Portios Attocho	A		
Receiving Party	nal Names of Conve	ying Farties Attache	<u>u</u>		
, – ,	Cisco Technology, Ir	20			
	a corporation of Cali				
	a corporation of Cali 170 W. Tasman Driv				
Address	170 VV. Tasillali Dilv				
1	San Jose	CA		<u>95134</u>	
1	City	State/Cou	ntrv	Zip Code	
·	nal Names of Receiv		_	— F + - + -	
	ame and Address				
	Kirk D. Williams (Cu	stomer No. 26327)		Telephone: 303-2	82-0151
1234 S. Ogden St.				Facsimile: 303-7	
Denver, CO 80210			•	Attorney Docket N	lo. 60956
Pages Enter	the total number of p	ages of the attached	conveyance docum	ent including any att	achments: 5
	ber(s) or Patent Nur			Mark if additional n	
	atent Application Number		O NOT ENTER BOTH nu		erty).
Pate	nt Application Num	nbers	<b></b>	Patent Numbers	
		ļ			
	<u> </u>		<b></b>		<del></del>
1511	<u> </u>	L	<u> </u>		
	being filed together			late the patent	Month Day Year
	ned by the first nam	ed executing invento	or.		06-24-2004
Patent Cooperation					T ====================================
	tion number <i>only if</i> a	U.S. Application	PCT	PCT	PCT
Number has not be	en assigned.				55-
			PCT	PCT	PCT
Alonahan of Duana	-4:			-4-1	<u></u>
Number of Prope	rties	·	Enter the to	otal number of prope	erties involved: 1
Fee Amount					
Fee Amount for Properties Listed (37 CFR 3.41): \$40					
Method of Payment: ☐ Enclosed is check No. in the amount of \$40					
☐ Enclosed is check No. In the amount of \$40 ☐ Charge Deposit Account No. 501430 in the amount of \$40					
Authorization to Charge Additional Fees to Deposit Account No. 501430: X Yes X No					
Statement and Signature					
To the best of my knowledge and belief, the foregoing information is true and correct and attached is a true copy of					
the original document or the original itself. Charges to deposit account are authorized, as indicated herein.					
<i>M</i> . <i>M</i> .					
Kirk D. Williams, Esq. (Reg. 42,229)					
	erson Signing	Sian	ature		ate

07/09/2004 6TOH11 00000164 501430 10878891 01 FC:8021 40.00 BA

PATENT

REEL: 015540 FRAME: 0967

Attorney Docket No. 60956 CUSTOMER NUMBER 26327 The Law Office of Kirk D. Williams Attorney at Law 1234 S. Ogden St., Denver, CO 80210

## **ASSIGNMENT**

WHEREAS, WE, JOHN J. WILLIAMS, JR. (OF PLEASANTON, CA), JOHN ANDREW FINGERHUT (OF ALISO VIEJO, CA), MAN KIT TANG (OF SARATOGA, CA), AND BARRY SCOTT BURNS (OF CARY, NC), are the joint inventors of an invention entitled "STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE" as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as Assignee), a corporation of the State of California having a place of business at 170 W. Tasman Drive, San Jose, CA 95134 is desirous of acquiring the entire United States domestic and foreign right, title, and interest in and under the invention described in the patent application and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

Now, THEREFORE, in exchange for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we sell, assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights, title and interest in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications, including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-inpart, divisionals, reissues, renewals, and extensions, that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by Assignee and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by us had this assignment, transfer and sale not been made. We do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents on said invention to Assignee.

WE DO HEREBY COVENANT and agree with Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining patents of the United States and of any and all foreign countries on the invention,

STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE

ASSIGNMENT PAGE 1 of 4

including, but not limited to, provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, including executing all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

WE have hereunder set our hands on the dates shown below.

Date 6/24/04

**J**ohn J. Williams, Jr

STATE OF  $\bigcirc$ 

COUNTY OF Santa Clara

On this 24 day of JUNE, 2004, before me, a Notary Public in and for said county, appeared John J. Williams, Jr., who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

AMY J. DAEUMLER
COMM. #1309174
Notary Public-California
SANTA CLARA COUNTY
My Comm. Exp. June 16, 2005

Notary Public ( )

My Commission Expires: June 16, 2005

STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE

ASSIGNMENT PAGE 2 of 4

Date June 25, 2004 John Am	NOREW FINGERHUT
STATE OF (alifornia)	ADREW I MUDERATO I
COUNTY OF Overage ) SS:	
for said county, appeared John Andrew Finger	hut, who is personally known to me to be the same sing assignment document, and acknowledged that is/her free and voluntary act for the uses and
(CEAE) My Comm Evolma Nove 2005	Notary Public
(SE/TI)	My Commission Expires: 115 2a5
Date Man K	IT TANG
STATE OF)	
COUNTY OF) SS:	
for said county, appeared Man Kit Tang, who whose name is subscribed to the foregoing ass	is personally known to me to be the same person signment document, and acknowledged that he/she free and voluntary act for the uses and purposes
(07.47.)	Notary Public
{SEAL}	My Commission Expires:

STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE

ASSIGNMENT PAGE 3 of 4

Date	IOHN A	Andrew Fingerhut
STATE OF		
COUNTY OF	)ss:	
for said county, appe person whose name i	eared John Andrew Fing- is subscribed to the fore livered the document as	before me, a Notary Public in and erhut, who is personally known to me to be the same going assignment document, and acknowledged that his/her free and voluntary act for the uses and
{SEAL}		Notary Public  My Commission Expires:
Date 6/25/200	4 Mon	LI Jang KIT TANG
STATE OF _CALI	188.	· • ·
COUNTY OF LAN	ITED STATES	
whose name is subse	cribed to the foregoing a	before me, a Notary Public in and to is personally known to me to be the same person assignment document, and acknowledged that he/she is free and voluntary act for the uses and purposes
		Notary Public
{SEAL}	·	My Commission Expires:

STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE ASSIGNMENT PAGE 3. of 4

Date 06/25/2004 P	MANUSCOTT BURNS
STATE OF 1 NC COUNTY OF Wake	) )ss: -)
for said county, appeared Barry Scott whose name is subscribed to the fore	Burns, who is personally known to me to be the same person going assignment document, and acknowledged that he/she is his/her free and voluntary act for the uses and purposes
SEAL HOMA	Notary Public  My Commission Expires: Detalar 15, 2007
COUNTAINE COUNTAINE	

STORAGE CONTROLLER PERFORMING A SET OF MULTIPLE OPERATIONS ON CACHED DATA WITH A NO-MISS GUARANTEE UNTIL ALL OF THE OPERATIONS ARE COMPLETE ASSIGNMENT PAGE 4 of 4

**RECORDED: 06/28/2004**