FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 05-08-2000

U.S. Department of Commerce Patent and Trademark Office PATENT

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RECORDATION FORM COVER SHEET

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1	Submission	Туре	Conveyance Type						
	New			Assignment		Secu	rity Agre	ement	4
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	Correction	n of PTO Error Frame #		Merger	11.5	Othe	<u> </u>		**************************************
	Corrective Reel #	e Document Frame #	U.S. Government (For Use ONLY by U.S. Government Agencie Departmental File Sec						s) <u>U</u>
	Conveying I	Party(ies)		Mark if additional names of conveying parties attached Execution Date					
2404	Name (line 1)	VIRGIL V. WILKINS							Month Day Year 04-19-2000
3	Name (line 2)								Execution Date
5	Second Party Name (line 1)	RALPH H. CASTRO							Month Day Year 04-18-2000
-	Name (line 2)								
0	Receiving P	arty		M	ark if ac	ditional	names of	receivin	g parties attached
-	Name (line 1)	WESTERN DIGITAL CORPORATION	٧						If document to be recorded is an assignment and the
	Name (line 2)								receiving party is not domiciled in the United States, an appointment
	Address (line 1)	8105 IRVINE CENTER DRIVE							of a domestic representative is attached. (Designation must be a
	Address (line 2)	PLAZA 3							separate document from Assignment.)
	Address (line 3)	IRVINE	CAL	IFORNIA State/Country			92618	Code	
	Domestic Re	epresentative Name and Ac	c	Enter for the first Receiving Party only.					
Name									
	Address (line 1)								
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PATENT

REEL: 010755 FRAME: 0409

FORM PTO Expires 06/30/99 OMB 0651-0027	D-1619B	Page 2	Patent and Trade	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspond	ent Name and Address	Area Code and Telephone Number	(949) 932-5000		
Name	WESTERN DIGITAL CORPORA	TION			
Address (line 1)	8105 IRVINE CENTER DRIVE			}	
Address (line 2)	PLAZA 3				
Address (line 3)	IRVINE, CALIFORNIA 92618 U.S	S.A.	144-		
Address (line 4)					
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Enter either th	Number(s) or Patent Nur ne Patent Application Number or the	mber(s) Mark if Patent Number (DO NOT ENTER BOTH numbers		hed	
Pat	ent Application Number(s)	Paten	t Number(s)		
	s being filed together with a <u>new</u> Pate It named executing inventor.	ent Application, enter the date the patent applicati		ay Year 9-2000	
Patent Coop	eration Treaty (PCT)				
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	<u>if</u> a U.S. Application Numbe not been assigned.	r PCT PCT	PCT		
Number of P	Properties	tal number of properties involved. #	: 1		
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(Enter for		itional fees can be charged to the account.) Deposit Account Number:	23-1209		
		Authorization to charge additional fees:	Yes No		
Statement a	nd Signature				
attache		elief, the foregoing information is true a original document. Charges to deposit			
Milad G. Sha	ara, Esq. Reg. 39,367	protection C	4/10	2/00	
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PATENT REEL: 010755 FRAME: 0410 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

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U.S. Department of Commerce Patent and Trademark Office PATENT

K35A0596

Conveying Pa	rty(ies)	Mark if	f additional names of conve	eving parties attached	*					
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Name (line 2)					Execution Date					
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Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic representative is					
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PATENT REEL: 010755 FRAME: 0411

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Whereas, I, VIRGIL V. WILKINS of WESTERN DIGITAL CORPORATION , hereafter referred to as applicant, have invented certain new and useful improvements in TAG MEMORY DISK CACHE ARCHITECTURE	Α	ASSIGNMENT OF	F APPLICATIO	N	K35A0596	(Optional)
referred to as applicant, have invented certain new and useful improvements in	Whereas	VIRGIL V WILKIN	IS of	WESTERN DIGITA	AL CORPORATION	baraattar
for which an application for a United States Patent was filed on						
Application Number		•		setul improvement	is in	
Whereas, WESTERN DIGITAL CORPORATION of Irvine, California herein referred to "assignee" whose post office address is 8105 Irvine Center Dr., Irvine, CA 92618 is desirous of acquiring the entire right, title and interest in the same; Now, therefore, in consideration of the sum of One dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States. Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behood and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed this 19TH day of APRIL 2000, at IRVINE, CALIFORNIA ate of CALIFORNIA The day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared VIRGIL V. WILKINS personally known to me for proved to me the basis of satisfactory evidence) to be the person(s) whose name(s) failer subscribed to the within instrument and acknowledged to me that the base of the person of the mentity upon behalf of the person of the person of the mentity upon behalf of the person of the per	Application	n Number/_		•	,	
"assignee" whose post office address is	for which a	ลก application for a Ur	nited States Paten	t was executed on	4-19-00	, and
sirous of acquiring the entire right, title and interest in the same; Now, therefore, in consideration of the sum ofOnedollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States. Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behood and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed this						n referred to
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Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behood and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed this	entire right, title and	d interest in and to an	y and all Patents w	hich may be grant	ed therefor in the U	nited States,
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at IRVINE, CALIFORNIA the of CALIFORNIA THE CA	been made.					
unty of ORANGE SS: VIRGIL V. WILKINS VIRGIL V. WILKINS his 19th day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared VIRGIL V. WILKINS, personally known to me (or proved to me he basis of satisfactory evidence) to be the person(s) whose name(s) is dere subscribed to the within instrument and acknowledged to me that he be the person of the pers	Executed this	19TH	day of	APRIL	,)
VIRGIL V. WILKINS this 19th day of April, 2000, before me, STASIA D. SHIRLEY, personally appeared VIRGIL V. WILKINS, personally known to me (or proved to me the basis of satisfactory evidence) to be the person(s) whose name(s) is dere subscribed to the within instrument and acknowledged to me that he he he he the person (s) and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of the person and the instrument.	at_IRVINE, CALIF	ORNIA				•
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STASIA D. SHIPLEY Commission # 1130178 Notary Public California Stasia D Shurley	this 19th day of April, 2000, be the basis of satisfactory evidence cuted the same in his ner/their a	e) to be the person(s) whose authorized capacit(ies)y, and t	Y, personally appeared Vi name(s) is/are subscribed	VIRG IRGIL V. WILKINS , perso If to the within instrument a	AIL V. WILKINS mally known to me (or prov and acknowledged to me to	hathe/she/they
Orange County (Notary Public)	Commission Notary Public	# 1130178 Colfornia		Staria 1	O Shirley	

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ASSIGNMENT OF APPLICATION

Docket Number (Optional) K35A0596

	RALPH H. CASTRO		WESTERN DIGITAL COF		_, hereaft
	llicant, have invented ce	rtain new and	useful improvements in		
Application	on Number/		ent was filed on ent was executed on		, . and
	ERN DIGITAL CORPORAT		Irvine, California		
			Irvine Center Dr., Irvine, C		is d
sirous of acquiring	g the entire right, title an	d interest in th	ne same;		
Now, therefore, in	consideration of the sur	m ofOne	dollars (\$), t	he receipt wh	ereofis a
knowledged, and	other good and valuable	e consideratio	n, I, the applicant, by these	presents do :	sell, assig
and transfer unto	said assignee the full an	d exclusive ri	ght to the said invention in t	he United Sta	ates and t
entire right, title ar	nd interest in and to any a	and all Patents	s which may be granted the	refor in the Ur	nited State
I hereby authorize	e and request the Comn	nissioner of P	atents and Trademarks to	issue said Ur	nited State
Patent to said ass	signee, of the entire right	, title, and inte	erest in and to the same, for	his sole use a	and behod
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asis of satisfactory eviden	ce) to be the person(s) whose nar	me(s/15/are subscri	RALPH H. (RALPH H. CASTRO, personally kno ibed to the within instrument and ackr pnature(s) on the instrument the perso	wn to me (or prove	at te/she/they
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PATENT

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ļ	ASSIGNMENT OF	APPLICATION	ON	Docket Number (Optional) K35A0596	ı
Whereas, I,	TSUN Y. NG	of	WESTERN DIGITAL	CORPORATION , herea	fter
referred to as app				in TAG RAM DISK CACHE	
	an application for a Uni				,
				<i>4-19-00</i> , and	
Whereas,	ERN DIGITAL CORPORA	ATION of	Irvine, Californ	ia herein referred	d to
"assignee" whose	post office address is _	8105	rvine Center Dr., Irvi	ne, CA 92618 is e	de-
sirous of acquiring	g the entire right, title a	nd interest in th	e same;		
Now, therefore, in	consideration of the su	ım of <u>One</u>	dollars (\$1.00), the receipt whereof is a	ac-
knowledged, and	other good and valuab	le consideration	n, I, the applicant, by t	hese presents do sell, assi	ign
and transfer unto	said assignee the full a	nd exclusive rig	ht to the said inventio	n in the United States and	the
entire right, title an	nd interest in and to any	and all Patents	which may be grante	d therefor in the United Stat	ies,
I hereby authorize	and request the Com	missioner of Pa	atents and Trademark	s to issue said United Stat	tes
Patent to said ass	ignee, of the entire righ	it, title, and inte	rest in and to the same	e, for his sole use and beho	of;
and for the use an	d behoof of his legal re	presentatives,	to the full end of the te	erm for which said Patent m	ıay
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PATENT REEL: 010755 FRAME: 0414