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Will 5 2001 RECORDATION FORM COVER SHEET K35A0678 Yo. The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les). Submission Type Conveyance Type Submission Type Conveyance Type Assignment Security Agreement Resubmission Toye Assignment Security Agreement Document ID# License Change of Name Correction of PTO Error Reel # Frame # Departmental File Corrective Document V.S. Government Execution Date Corrective Document Iteams Secored Name Name (ine 1) KAMRAN OVEYSSI Ito 31 2000 Name (ine 1) SHAWN E. CASEY Ito 31 2000 Name (ine 2) Secored Party Secored Party Name (ine 2) Secored Party Secored Party Name (ine 2) Secored Party It as assignment as the file Name (ine 2) Secored Party Secored Party Name (ine 2) Secored Party It as assignment as the file Name (ine 2) Secored Party Secored Party Secored Party Name (ine 1) Secored Party Secored Party Seco	Expires 06/30/99	161901PE	(1000 100 110010 1000 1000 1000 1000 1	Patent and Trademark Office
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Correspondent Name a	nd Address	Area Code and Telephone Num	nber 949-672-7814	
Name WESTER	N DIGITAL CO	RPORATION		
Address (line 1) 20511 La	ike Forest Drive	2		
Address (fine 2)	al Property Dep	artment - LOC C2		
Address (line 3) Lake Fore	est, CA 92630-7	7741		
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· ·		tional fees can be charged to the account.) eposit Account Number:	# 23-1209	
	А	uthorization to charge additional fee	s: Yes 🖌 No	
Statement and Signatu	re			
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. Charges to deposit account are authorized, as indicated herein.				
Milad G. Shara, Esq. Re		Cimpetium	2/26/01	
Name of Person Sig	Jning	Signature	Date	

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FORM PTO-16 Expires 06/30/99 OMB 0651-0027	S. Department of Commerce atent and Trademark Office PATENT K35A0678				
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Name (line 2)	MAR 11 5 2001	Execution Date Month Day Year			
Name (line 1)	SON T. WEAVER	10 31 2000			
Name (line 2)		Execution Date Month Day Year			
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	eceiving Party(ies)	If document to be recorded			
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Name (line 2)		domiciled in the United States, an appointment			
Address (line 1)		of a domestic representative is attached. (Designation must be a separate			
Address (line 2)		document from Assignment.)			
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Name (line 2)		receiving party is not domiciled in the United			
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Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
	tent Application Number(s) Patent Numb	per(s)			
09/704,188		[]			

ASSIGNMENT OF APPLICATION	Docket Number (Optional) K35A0678			
Whereas, I,KAMRAN OVEYSSI ofWESTERN DIGITAL				
referred to as applicant, have invented certain new and useful improvements VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPPED AROUND A ROTARY VOIC LOW RELUCTANCE END AND A HIGH RELUCTANCE END	E COIL YOKE COMPRISING A			
for which an application for a United States Patent was filed on $10/$. ApplicationNumber 09 / 704,188 for which an application for a United States Patent was executed on _				
	, unu			
Whereas, WESTERN DIGITAL CORPORATION of Irvine, Californi				
"assignee" whose post office address is 8105 Irvine Center Dr., Irvin	ne, CA 92618is de-			
sirous of acquiring the entire right, title and interest in the same;				
Now, therefore, in consideration of the sum of <u>One</u> dollars (\$1.00_	_), the receipt whereof is ac-			
knowledged, and other good and valuable consideration, I, the applicant, by the	nese presents do sell, assign			
and transfer unto said assignee the full and exclusive right to the said invention	n 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	e, for his sole use and behoof;			
and for the use and behoof of his legal representatives, to the full end of the te	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 <u>31^{S1}</u> day of <u>October</u>	,2000,			
at SAN JOSE CA U.S.A	[.]			
State of CALLFORNIA) County of SANTACLARA) SS:	AN OVEYSSI			
On this day of L+t/b42000, before me, by le Valoritua , personally appeared Kamran Oveyssi, personally on the basis of satisfactory evidence) to be the person(s), whose name(s) (is are subscribed to the within instrument and	known to me for proved to me			
executed the same in his/her/their authorized capacit(ies), and that by his/her/their signature(s) on the instrument the which ne person acted, executed the instrument. ISABEL VALENCIA-CHING Commission # 1260872 Notary Public - California	person(s), or the entity upon behalf of Winicia Mis			
My Comm. Expires May 13, 2004 (N	lotary Public)			

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

PTO/SB/15 (8-96) Approved for use through 9/30/98. OMB 0651-0027 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE a respond to a collection of information unless it displays a valid OMP control number.

	ASSIGNMENT OF APP	LICATIO	N	Docket Number (Optional) K35A0678
Whereas, I,	SHAWN E. CASEY	of	WESTERN DIGITA	CORPORATION, hereafter
VOICE COIL MOTO	olicant, have invented certain DR COMPRISING A VOICE COIL V E END AND A HIGH RELUCTANC	VRAPPED ARC		
X for which Applicati	an application for a United S on Number <u>09 / 704 , 1</u>	tates Patent	was filed on <u>10/</u>	31/2000,
for which	an application for a United S	itates Patent	was executed on	, and
	ERN DIGITAL CORPORATION		· · · · · · · · · · · · · · · · · · ·	herein referred to
	e post office address is			is deis de-
-	g the entire right, title and int			
Now, therefore, in	n consideration of the sum of	One	dollars (\$ <u>1.00</u>), the receipt whereof is ac-
knowledged, and	l other good and valuable cor	nsideration, I	, the applicant, by	these presents do sell, assign
and transfer unto	said assignee the full and ex	clusive right	to the said inventio	on in the United States and the
entire right, title a	nd interest in and to any and a	all Patents w	hich may be grante	ed therefor in the United States,
l hereby authoriz	e and request the Commissi	oner of Pate	nts and Trademar	ks to issue said United States
-	-			e, for his sole use and behoof;
	-			
and for the use a	nd behoof of his legal represe	entatives, to	the full end of the te	erm for which said Patent may
be granted, as fu	lly and entirely as the same w	ould have b	een held by me had	d this assignment and sale not
been made.			, ,	
Executed this	<u>3nd</u> da	ay of	Vovenber	200
at SAN	JOSE, CA U)-S.A		
State of CALL FORNI	4)		\mathbf{n}	<u> </u>
County of SANTACC	Aer, ss:		SHAM	VN E. CASEY
n this 3 day of North 20			sonally appeared Shawn I	E. Casey, personally known to me (or proved
				acknowledged to me that he executed the hichythe person acted, executed the instrume
	BEL VALENCIA-CHING	٨	, , , (11 /1
	Commission # 1260872))	so ful	Jale (h-
	Santa Clara County		(1	Notary Public)

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ASSIGNMENT OF APPLIC	ATION	Docket Number (Optional) K35A0678
Whereas, I, MITCHELL D. DOUGHERTY	of WESTERN DIGITAL	CORPORATION, hereafter
referred to as applicant, have invented certain new VOICE COIL MOTOR COMPRISING A VOICE COIL WRAPP LOW RELUCTANCE END AND A HIGH RELUCTANCE END	ED AROUND A ROTARY VOIC	n E Coil Yoke Comprising A
for which an application for a United States ApplicationNumber $_{09}$ / $_{704,188}$	Patent was filed on10/	31/2000,
for which an application for a United States	Patent was executed on _	, and
Whereas, WESTERN DIGITAL CORPORATION of	Irvine, California	herein referred to
"assignee" whose post office address is8	05 Irvine Center Dr., Irvin	e, CA 92618 is de-
sirous of acquiring the entire right, title and interest	in the same;	
Now, therefore, in consideration of the sum ofC), the receipt whereof is ac-
knowledged, and other good and valuable consider		
and transfer unto said assignee the full and exclusiv	-	
entire right, title and interest in and to any and all Pat		
I hereby authorize and request the Commissioner of		
Patent to said assignee, of the entire right, title, and		
and for the use and behoof of his legal representativ		-
be granted, as fully and entirely as the same would h	have been held by me had	this assignment and sale not
been made.	<i>.</i>	
Executed thisday ofday of	November	, 2000,
at SAN JODE, CA U	· S. A	••••••
State of CALIFORNIA) County of SANTACLAR) SS:	Mitchell D	onlot
	MITCHELL	D. DOUGHERTY
n this 8 day of (1219), 2000, before me, Soulle Valeh(iq M).Notary Public, roved on the basis of satisfactory evidence) to be the person whose name is sub	scribed to the within instrument and a	cknowledged to me that he executed the
ame in his authorized capacity, and that by his signature on the instrument the period ISABEL VALENCIA-CHING	rrson, or the entity upon behalt of white	ch the person acted, executed the instrume
NC Commission # 1260872 Notary Public - California	Isahe Va	Una Minj
County (i3.2004)		otary Public)
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ASSIGNMENT OF APPLICATION			Docket Number (Optional) K35A0678
Whereas, I,	JASON T. WEAVER	of WESTERN DIGITAL	CORPORATION , hereafter
VOICE COIL MOT	oplicant, have invented certain r OR COMPRISING A VOICE COIL WF CE END AND A HIGH RELUCTANCE	RAPPED AROUND A ROTARY VOIC	IN E COIL YOKE COMPRISING A
X for whic Applicat	h an application for a United Sta ion Number/ 704 , 188	ates Patent was filed on $\frac{10/3}{8}$	31/2000,
for whic	h an application for a United Sta	ates Patent was executed on _	, and
Whereas, WES	TERN DIGITAL CORPORATION	of Irvine, California	a herein referred to
"assignee" whos	e post office address is	8105 Irvine Center Dr., Irvin	is de-
sirous of acquiri	ng the entire right, title and inte	rest in the same;	
Now, therefore,	in consideration of the sum of _	One dollars (\$ 1.00	_), the receipt whereof is ac-
knowledged, an	d other good and valuable cons	sideration, I, the applicant, by th	nese presents do sell, assign
and transfer unto	o said assignee the full and excl	lusive right to the said invention	n in the United States and the
entire right, title a	and interest in and to any and all	Patents which may be granted	therefor in the United States,
I hereby authori:	ze and request the Commission	ner of Patents and Trademark	s to issue said United States
	signee, of the entire right, title,		
and for the use a	and behoof of his legal represen	ntatives, to the full end of the te	rm for which said Patent may
be granted, as fu	Illy and entirely as the same wo	uld have been held by me had	this assignment and sale not
been made.		\bigcirc 11	Ĵ
Executed this	31ST day	of October	.7000.
$_{\rm at}$ SAN	JOSE CA	U.S.A.	,,,
State of CALIFORN	VIA)	. / 1/	,
County of SANTA CO	-1 All (1)	V _ tanin / Lu JASON	T. WEAVER
On this 3 bay of (k17 be 12000, b on the basis of satisfactory avide	nce) to be the person(s) whose name(s)(s)	lly appeared Jason T Weaver, personally k bye subsetibed to the within instrument and	acknowledged to me that he/she/they
executed the same in his/her/the which the person acted, execute	r authorized capacit(iss)y, and that by (is) d the instrument.	fr/their signature(s) on the instrument the	person(s), or the entity upon behalf of
	EL VALENCIA-CHING ommission # 1260872 ary Public - California	Isabell	alen Ang
	anta Ciara County mm Excites May 13, 2004	(N	otary Public)

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PATENT REEL: 011610 FRAME: 0092

RECORDED: 03/05/2001