Ass Dir P.C	nil Stop: signment Recordation Services rector of the U.S. Patent and Trademark Office D. Box 1450 exandria, VA 22313-1450	RECORDATION FOR PATENTS	86	EPARTMENT OF COMMERCE Patent and Trademark Office kket No. 127515		
Ple	ase record the attached document.				.,	
Tot	tal number of pages including cover	sheet, attachments, and docur	nent: 3			
1.	A. Name of conveying parties: [1] Naoki KITAGAKI [2] Makoto MIYAMOT [3] Makoto IIMURA [4] Satoshi SUKADA B. Additional name(s) of conve	ro	HITAC 1-88, U	d address of receivi CHI MAXELL, I JSHITORA 1-CI AKI-SHI, OSAK	LTD,	
3.	A. Nature of conveyance:		B. Addition	al name(s⁵ & addre	ess(es) attached? Yes ⊠ No	
-	Assignment Security Agreement Other B. Execution Date: [1, 3 & 4]	-				
4.	A. Patent Application No. 11/	389,099	B. Patent N	o.(s)	***************************************	
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5.	Name and address of party to wh concerning document should be r	om correspondence	6. Total number	of applications and	patents involved: 1	
	Name: James A. Oliff				count No. 15-0461 the he amount of \$40.00.	
	Address: OLIFF & BERRIDG P.O. Box 1992 Alexandria, VA Phone Number: 703- Fax Number: 703-8	28 22320 -836-6400		rpaymentior charg nt number 15-0461	e any underpayment to	
9.	Statement and signature. To the best of my knowledge and original document. James A. Oliff, Registration No. Randi B. Isaacs, Registration No.	27,075		and any ditached o	copy is a true copy of the	

PATENT REEL: 017648 FRAME: 0205

ASSIGNMENT

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(4 D)	Insert Name(s)	(1)	Naok					(5)	1			
(1-8)		(2)	Make		JRA			(6)			· · · · · · · · · · · · · · · · · · ·	
	of Inventor(s)	(3)	Sato	shi SUI	KADA			(7)	- <u>-</u>			
		(4)						(8)	<u></u>			
											uable consider oes assign, tra	
(9)	Insert Name of Assignee	(9)	HITA	CHI MAX	KELL, L	TD.			10			
(10)	Insert Address of Assignee	(10)	1-88,	1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8				567-8	567 JAPAN			
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			(Attorr	ey Docket N	No.	127	7515					
			for whic	h the under	rsigned ha	as (have)	executed an	applicati	ion for	patent in the	United States	of America
(12)	Insert Date of Signing of Application	(12)	on	Apri	1 25,	2006			-			
(13)	Alternative	(13)	U.S. ap	oplication Se	erial Numi	ber _	11/389,	,099				
	Identification for filed applications		filed	p	March :	27, 20	06		7 20 5			
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ASSIGNMENT

		(1)	Makoto	MIYAMOT	0	(5)		
(1-8)	Insert	(2)		-,		(6)		
	Name(s) of Inventor(s)	(3)						
		(4)						
						iar (\$1.00) and off	ner good and valuable o in, and hereby does ass	considerations paid to
(9)	Insert Name of Assignee	(9)	HITACH	I MAXELL, L'	TD.			
(10)	Insert Address of Assignee	(10)	1-88, Usi	hitora 1-chon	ne, Ibarak	67-8567 JAPAN		
444)			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification of Invention	n	METHOD	FOR EVALUA	ATING OP	TICAL RECOR	ING MEDIUM, OTIC	AL RECORDING
	such as Title, Case Number, or Foreign		MEDIUM.	AND INFORM	MATION-R	ECORDING/RE	PRODUCING APPAI	RATUS
	Application Numbe		(Attorney D	ocket No.	1275	15		
			for which the	undersigned ha	s (have) exe	cuted an application	n for patent in the United	States of America
(12)	Insert Date of Signing of Application	(12)	on	April 28,	2006	<u> </u>		
(13)	Alternative Identification	(13)	U.S, applica	ation Serial Numi	per <u>1</u>	1/389,099		
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	In witness whereof,	execu	ited by the u	ndersigned on	the date(s)	opposite the unde	rsigned name(s).	
Date	April 28	4h	2006	Name of I	nventor	makoto	Miyamoto	(SEAL)
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	This assignment s	hould	l preferably		fore: (a) a	Notary Public ii	' wi⊈hin the U.S.A. (k nesses who also sig	o) a U.S. Consul
Date	April, 2	8.	2006	Witne	ss	Juji ya	mozahi	
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