3/10/0 10-06-2005 DISS ASSISTANCE LI O MAR 2005

FORM PTO-1595 (Rev. 10/02)			ΞT	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Docket No.: 71971-155	40000EE	4 /		40 /2000
To the Honorable Commissioner for Lucius and	1030955	ease record th	ne attached origin	al documents or copy thereto:
1. Name of Conveying Party(ies):		2. Name and address of receiving party(ies):		
Masahiko NISHIMOTO, Shinichi HAMAGUCHI, Tatsuya		Name:	Matsushita Elec	tric Industrial Co., Ltd.
NAKAMORI and Yasuyuki KOCHI				
		Address:	1006, Oaza Kad	łoma,
Additional name(s) of conveying party(ies) attached?	☐ Yes 🏻 No		Kadoma-shi, Os	saka 571-8501 JAPAN
3. Nature of Conveyance:				
☐ Security Agreement ☐ Change	of Name			
Other		}		
Execution Date: March 1, 2005				
		Additional	name(s) & addre	ss(es) attached? Yes No
4. Application number(s) or patent number(s):				
If the document is being filed together with a new	application, the ex	xecution date	e of the application	on is: March 1, 2005
A. Patent Application No(s).		B. Patent 1	No(s).	
Addition	nal numbers attacl	hed? \[Ye	s 🛛 No	
5. Name and address of party to whom corresponden	ce	6. Total nu	umber of applicat	ions and patents involved:
concerning document should be mailed:				
Name: MCDERMOTT WILL & EMERY LLP		7. Total fe	e (37 CFR 3.41)	\$40.00
Internal Address:		☐ Enc	closed	
		Aut	thorized to be cha	rged to deposit account
Street Address: 600 13th Street, N.W.		8. Deposit	account number	:
		500417	7	
City: Washington State: D. C. Zip	: 20005-3096			
		<u> </u>		
DO NOT USE THIS SPACE				
9. Statement and signature.				
To the best of my knowledge and belief, the	foregoing informe	ation)s true i	and correct and a	any attached copy is a true copy
of the original document.		/ ,		
		//		
Michael E. Fogarty, Registration No. 36,139				March 10, 2005
Name and Registration No. of Person Signing	•	Signature		Date
	T	tal number	of pages includin	g cover sheet: 3
OMB No. 0651-0027 (exp. 6/30/2005)				

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PATENT

REEL: 017047 FRAME: 0388

Attorney Docke	t No
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ASSIGNMENT

WH	ERE	AS, Masahiko	NISHIMOTO,	<u>Shinichi HAMAG</u>	<u> SUCHI, Tatsuya NAKAMC</u>)RI,
Yası	uvuki	KOCHI				
(herei	nafter	designated as		d) has (have) inven PTICAL PICK	nted certain new and useful	improvements
					for which the undersig	gned has (have):
	(a)	filed an applic			ited States of America on	
				having Serial No.		; or
	(b)	executed an a indicated belo		Letters Patent of the	he United States of Americ	ca on the date(s)
WHEREAS,		M	atsushita Electric	Industrial Co., Ltd.	of	
		1006, Oaz	za Kadoma, Ka	<u>adoma-shi, Osaka</u>	i 571-8501, Japan	
its hei	irs, su	ccessors, legal	representatives	and assigns (herei	nafter designated as the Ass	signee) is
					d to said invention and in ar	nd to any Letters
Patent	t(s) th	at may be gran	ted therefor in t	the United States o	of America;	

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

PATENT REEL: 017047 FRAME: 0389 The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: March 1, 2005	masahiko NISHIMOTO
	Masahiko NISHIMOTO
Date:March 1, 2005	Shinichi HAMAGUCHI
	Shinichi HAMAGUCHI
Date: March 1, 2005	Tatanya Nakamori
	Tatsuya NAKAMORI
Date: <u>March 1, 2005</u> ,	, Yasuyuki Kochi
	Yasuyuki KOCHI
Date:	
Date:	
Date:	
Date:	_

RECORDED: 03/10/2005

PATENT REEL: 017047 FRAME: 0390