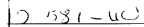


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OT12 Rec'd PCT/PTO

2 DEC 2002

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 60188-233 PATEN	TS ONLY
To the Honorable Commissioner for Patents and Trademarks:	Please record the attached original documents or copy thereto:
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):
Yoshihiko KANZAWA, Tohru SAITOH, Katsuya	Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
NOZAWA, Minoru KUBO, Yoshihiro HARA, Takeshi	
TAKAGI, Tokahiro KAWASHIMA	
	Address: 1006, Oaza Kadoma, /2 - 1 2 - 02
Additional name(s) of conveying party(ies) attached? [Yes	Kadoma-shi,
3. Nature of Conveyance:	Osaka 571-8501, Japan
☐ Security Agreement ☐ Change of Name	
Other	
Execution Date: September 30, 2002	
	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s):	
If the document is being filed together with a new application, t	he execution date of the application is: September 30, 2002
A. Patent Application No(s).	B. Patent No(s).
	10/200000
	10/298000
Additional number	ers attached? Yes
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00
Internal Address:	☐ Enclosed
	Authorized to be charged to deposit account
Street Address: 600 13th Street, N.W.	8. Deposit account number:
	500417
City: Washington State: DC Zip: 20005	
DO VOTAV	
	SE THIS SPACE
9. Statement and signature.	
	ormation is true and correct and any attached copy is a true copy
of the original document.	´ /
A	
Michael E. Fogarty, 36,139	December 12, 2002
Name and Registration No. of Person Signing	Signature Date
<u> </u>	Total number of pages comprising cover sheet: 1
CMB No. 0851-0011 (exp. 4/94)	

PATENT

REEL: 014213 FRAME: 0607

Attorney	Docket N	lo	
E ALLOIDING	DOUNCE	10.	

ASSIGNMENT

V	VHERE	4S, <u> </u>	<u>oshihiko</u>	<u>KANZA</u>	<u>WA, Tohrı</u>	ı SAI	TOH, Kats	<u>uya NOZ</u>	<u>AWA,</u>
<u>Minoru</u>	KUBO	, Yoshihiro	HARA,	Takeshi	TAKAGI	and	Tokahiro	KAWAS	<u>HIMA</u>
		nated as the un							
<u>SAME</u>	for which	ch the undersi	gned has (have):					
(8	a) fil	ed an applica			ent of the Ur ng Serial No				or
(ł		ecuted an apparted an apparted and apparted			Patent of the	he Uni	ited States of	of America	on the
		AS, <u> </u>							
its heirs, desirous	successor of acqui	ors, legal repring the entire that may be g	esentative e right, titl	s and ass	igns (herein erest in and	after o	designated a d invention	as the Assi	ignee) is

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.

PATENT REEL: 014213 FRAME: 0608 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.

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 convenants 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:	entember	30,	3005	Yoshihiko KANZAWA
			,	Yoshihiko KANZAWA
Date:	September	30 ,	2003	John Saitel Tohru SAITOH
Date:	Sentember	30 ,	<u> 2012,</u>	Katsuya NozaWA
				•
Date:	September	30.	<u> 2002</u>	Minoru KUBO
Date:	Sentember	30 ,	<u> </u>	Yoshihiro HARA
Date:	September	ಶ೧,	<u> 2002,</u>	Jakeshi Jakagi Takeshi TAKAGI
Date:	<u>September</u>	<u>50.</u>	2002,	Jatahin Lanashina Takahiro KAWASHIMA
Date:				

RECORDED: 12/12/2002

PATENT REEL: 014213 FRAME: 0609