01-24-2005

FORM	PTO-159
(Dev 1	0/02)

U.S. DEPARTMENT	OF COMMERCE
Patent and	Trademark Office

Docket No.: 71971-056 102923	3081	
To the Honorable Commissioner for Patents and Tragemarks: Ple	ase record the attached original documents or copy thereto:	
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):	
Kota OIKAWA	Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
	Address: 1006, Oaza Kadoma,	
Additional name(s) of conveying party(ies) attached? Yes No	Kadoma-shi,	
3. Nature of Conveyance:	Osaka 571-8501 JAPAN	
	S S S S S S S S S S S S S S S S S S S	
☐ Security Agreement ☐ Change of Name	7007	
Other	133	
Execution Date: November 18, 2004		
	Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or patent number(s):		
If the document is being filed together with a new application, the e	xecution date of the application is: November 18, 2004	
A. Patent Application No(s).	B. Patent No(s).	
Additional numbers attac	hed? Yes No	
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 LLP	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: D. C. Zip: 20005-3096		
DO NOT USE THIS SPACE		
9. Statement and signature.		
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.		
Michael E. Fogarty, 36,139	January 5, 2005	
	Signature Date	
	otal number of pages including cover sheet: 3	
OMB No. 0651-0027 (exp. 6/30/2005)		
<u> </u>	-	

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PATENT

REEL: 016156 FRAME: 0140

Attorney Docket No

ASSIGNMENT

	WHI	EREAS, _	Kota OIKAWA			
(hereinal	fter d	esignated a	s the undersigned) has (have) invented certain new and	d useful improvements		
in D	RYI	ETCHING	APPARATUS AND DRY ETCHING METHOD			
			for which the	undersigned has (have):		
(;	a) f	iled an app	lication for Letters Patent of the United States of Amer	rica on		
	_		having Serial No.	; or		
(1	•	xecuted an	application for Letters Patent of the United States of low; and	f America on the date(s)		
	WHI	EREAS, _	Matsushita Electric Industrial Co., L	td. of		
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan						
its heirs,	succ	essors, leg	al representatives and assigns (hereinafter designated a	s the Assignee) is		
desirous	of ac	equiring the	e entire right, title and interest in and to said invention a	and in and to any Letters		
Patent(s)	that	may be gra	anted therefor in the United States 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: 016156 FRAME: 0141 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:	November 18, 2004	Kota OIKAWA
		Kota OIKAWA
Date:		,
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Date:		
Date:		,
Date:		
Date:		.
Date:		 ,
Date:		.,

PATENT REEL: 016156 FRAME: 0142