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09-25-2003

DT09 Rec'd PCT/PTO 29 APR 2003

U.S. DEPARTMENT OF COMMERCE FORM PTO-1596 1-10-02 Patent and Trademark Office 102558100 Docket No.: 60188-341 To the Honorable Commissioner for ratents 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): MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Shinji KISHIMURA, Masayuki ENDO, Masaru Name: Mitsuru UEDA, Tsuyohiko FUJIGAYA Address: 1006, Oaza Kadoma, Additional name(s) of conveying party(ies) attached? Yes Kadoma-shi. Osaka 571-8501, Japan 3. Nature of Conveyance: ■ Assignment Merger Security Agreement Change of Name Other **Execution Date:** April 21, 2003, April 21, 2003, April 21, 2003, April 21, 2003, April 21, 2003 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 execution date of the application is: April 21, 2003, April 21, 2003, April 21, 2003, April 10415434 21, 2003, April 21, 2003 A. Patent Application No(s). Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 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 600 13th Street, N.W. Street Address: 8. Deposit account number: 500417 DC City: Washington State: Zip: 20005 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 April 29, 2003 Name and Registration No. of Person Signing ignature Date Total number of pages including cover sheet: 1 CMB No. 0851-0011 (exp. 4/94)

> **PATENT** REEL: 014512 FRAME: 0888

Attorney Docket	No
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ASSIGNMENT

\mathbf{W}	HEREAS,	Shinji KISHIMURA, Masayuki EN	DO, Masaru SASAGO,				
Mitsuru UEDA, Tsuyohiko FUJIGAYA (hereinafter designated as the undersigned) has							
		new and useful improvements in					
		RMATION MATERIAL AND PATI	TERN FORMATION METHOD				
			for which the undersigned has (have):			
(a)	filed an ap	plication for Letters Patent of the Unit	ted States of America on				
()		having Serial No.	; or				
(b)	executed a	an application for Letters Patent of the	he United States of America on the o	iate(s)			
W	HEREAS,	Matsushita Electric	Industrial Co., Ltd.	of			
1006, Oaza	a Kadoma,	Kadoma-shi, Osaka 571-8501, Japa	an				
its heirs, su	ccessors, le	gal representatives and assigns (herein	nafter designated as the Assignee) is				
desirous of	acquiring the	ne entire right, title and interest in and	to said invention and in and to any Le	etters			
Patent(s) th	nat may be g	ranted therefor in the United States of	f 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: 014512 FRAME: 0889 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: _	April 21, 2003	_,	Shinje Kishimura Shinji KISHIMURA
Date: _	April 21, 2003	_,	Masayuke Endo Masayuki ENDO
			Masaru Sasagu Masaru SASAGO
			Mitouru Ueda Mitouru UEDA
Date:	April 21, 2003	_,	Juyokiko Fujigayo Tsuyohiko FUJIGAYA
Date:		_,	
Date:		_,	
Date:		_,	

PATENT REEL: 014512 FRAME: 0890

RECORDED: 04/29/2003