FORM PTO-1595 REC		U.S. DEP	ARTMENT OF COMMERCE		
(Rev. 10/02)	102592801		Patent and Trademark Office		
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:					
1. Name of Conveying Party(ies): \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		and address of receiving pa			
Makoto FUJIWARA, Yusuke NEMOTO, Junichi Y	- 0 0	MATSUSHITA ELECT	- ' '		
MAEDA, Takayuki ITO, Yasushi YAMADA, Shinji II	, ,	LTD.			
WIADDA, Takayuki 110, Tasusiii 1711/12071, Siiniji 11	Address:	1006, Oaza Kadoma	٥		
Additional name(s) of conveying party(ies) attached? [	<u></u>	Kadoma-shi	25.		
		Osaka 571-8501, Japan	00.8 03.0 03.0 03.0 03.0 03.0 03.0 03.0		
3. Nature of Conveyance:		Osaka 371-0301, Japan	8 <b>0</b> 0		
	CNI		50		
Security Agreement Change o	i Name		ŏ		
Other	2 2 4 22				
Execution Date: October 23, October 23, October 23					
October 23, October 23, October 23	•	l name(s) & address(es) atta	ached? Yes No		
4. Application number(s) or patent number(s):		· · · · · · · · · · · · · · · · · · ·	ionea:		
If the document is being filed together with a new a	No be be execution da	•	October 23, October 23,		
If the document is being filed together with a new a	ppineation, the execution da	te of the application is.	October 23, October 23,		
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			,		
	p. p	.N-/-\	October 23, 2003		
A. Patent Application No(s).	B. Patent	: NO(s).			
4.110	1 1 " 1 10 🗆 37				
		es No			
5. Name and address of party to whom correspondence	6. Total r	number of applications and	patents involved:		
concerning document should be mailed:		. (42.672.4.1)	***		
Name: MCDERMOTT, WILL & EMERY		Fee (37 CFR 3.41)	\$40.00		
Internal Address:		aclosed			
		thorized to be charged to d	eposit account		
Street Address: 600 13th Street, N.W.	_	it account number:			
	50041	.7			
City: Washington State: D. C. Zip:	20005-3096				
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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.					
	$\mathcal{A}$				
Michael E. Fogarty, 36,139			October 30, 2003		
	\ \ \P_{-}.				

Name and Registration No. of Person Signing

Date

11/04/2003 ECDOPER 00000326 500417 10696621

FORMS No. 0651-40027 (Oxp. 6/30/2005)

Signature
Total number of pages including cover sheet:

**PATENT REEL: 014649 FRAME: 0419** 

Attorney Docket	No
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## ASSIGNMENT

W	HEREAS,	Makoto FUJIWARA, Yusuke NEMOT	O, Junichi YASUI, Takuji MAEDA,
Takayuki I	TO, Yasush	i YAMADA, Shinji INOUE	(hereinafter designated as the
		e) invented certain new and useful improve	
	PROG	iram update method and sērvei	R
		f	for which the undersigned has (have):
(a)	filed an ap	oplication for Letters Patent of the United S	
		having Serial No	; or
(b)	executed an application for Letters Patent of the United States of America on the date(s indicated below; and		
w	HEREAS,	Matsushita Electric Indu	strial Co., Ltd. of
		1006, Oaza Kadoma, Kadoma-shi, Osal	
		egal representatives and assigns (hereinafter	
		he entire right, title and interest in and to sa	
Patent(s) th	at may be g	granted therefor in the United States of Ame	erica;

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: 014649 FRAME: 0420 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:	October 23, 2003	Makoto Fujiwara
		Makoto FUJIWARA
Date:	October 23, 2003	Ywwhe remoto Yusuke NEMOTO
Date:	October 23, 2003,	Junichi Yasuc
		Junichi YASUI
Date:	October 23, 2003,	Takun Maeda
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Takuji MAEDA
Date:	October 23, 2003	Takawaki Ito
		Takayuki ITO
Date:	October 23, 2003,	Tasushi Tamada
	•	Yasushi YAMADA
Date:	October 23, 2003,	Shinisi ( Onouc
		Shinji INOUE
Date:	,	

**RECORDED: 10/30/2003** 

PATENT REEL: 014649 FRAME: 0421