

101524352 RECORDATION FORM COVER SHEET

09/673851 2'd PCT/PTC 23 OCT 2000

Docket: 0819-441

To the Honorable Assistant Commissioner for Patent. Please record the attached original documents or copy thereof.

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1. Additio	Name of conveying parties. Jun KAJIWARA, Shiro SAKAYAMA, Masayoshi KINOSHITA, Katsuji SATOMI, Katsuhiro OOTANI nal name(s) of conveying party(ies) attached? [] Yes [X] No
2. Name: I	Name and address of receiving party: Matsushita Electric Industrial Co., Ltd.
	Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
	State ZIP
	nal name(s) & addresses(es) attached? []Yes [X] No
3.	Name of Conveyance:
	[X] Assignment [] Merger
	[] Security Agreement [] Change of Name
	[] Other
	Execution Pate: October 12, 2000
4.	Application number(s) or patent number(s): ()9/6/7385/
	If this document is being filed together with a new application, the execution date of the application is: September 6, 2000
	Title: SWITCHING REGULATOR, DC/DC CONVERTER AND LSI SYSTEM PROVIDED WITH THE SWITCHING REGULATOR
	A: Patent Application No.(s)  B. Patent No.(s)
	Additional numbers attached? Yes No
5.	Name and address of party to whom correspondence concerning document should be mailed:
3.	Name: NIXON PEABODY LLP
	Street Address: 8180 Greensboro Drive, Suite 800
	City: McLean State: Virginia ZIP 22102
6.	Total number of applications and patents involved: _1_
_	T . 10 (07 CFD 2 44)
7.	Total fee (37 CFR 3.41):\$40.00
	[X] Enclosed
	[ ] Authorized to be changed to deposit account
8.	Deposit Account Number:
	(Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE
9.	Statement and signature.
<i>J</i> .	butterness and digitality.
	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
docume	ont.
Jason H	
Name o	f Person Signing Date Date
	Total number of pages including cover sheet, attachments, and document: _3_
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**PATENT REEL: 011251 FRAME: 0923** 

Attorney	Docket No	
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## ASSIGNMENT

WH	EREAS,Jun KAJIWARA, Shiro SAKIYAMA, Masayoshi KINOSHITA,
(have) inven	ATOMI, Katsuhiro OOTANI (hereinafter designated as the undersigned) has atted certain new and useful improvements in SWITCHING REGULATOR, DC/DC CER AND LSI SYSTEM PROVIDED WITH THE SWITCHING REGULATOR
	for which the undersigned has (have):
(a)	filed an application for Letters Patent of the United States of America on having Serial No; or
(b)	executed an application for Letters Patent of the United States of America on the date(s) indicated below; and
	EREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of Kadoma, Kadoma-shi, Osaka 571-8501, Japan
its heirs, sucis desirous o	ccessors, legal representatives and assigns (hereinafter designated as the Assignee) of acquiring the entire right, title and interest in and to said invention and in and to Patent(s) that may be granted 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: 011251 FRAME: 0924 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:	Oct. 12, 2000	Jun KAJIWARA
		Jun KAJIWARA
Date:	Oct. 12, 2000	Shiro Sakiyama Shiro SAKIYAMA
		Shiro SAKIYAMA
Date:	Oct. 12, 2000	Masayoshi Kinoshita
		Masayoshi KINOSHITA
Date:	Oct. 1°, 2000	Katsuje Soctomi
		Katsuji SATOMI
Date:	Oct. 12, 2000	Katsuhiro Octani
	,	Katsuhiro OOTANI
Date:		
Date:	,	
Date.	,	
Date		
Date.	<b>5</b>	

**RECORDED: 10/23/2000** 

PATENT REEL: 011251 FRAME: 0925