Form PTO-1595	05-21-1999 PARTMENT OF COMMERCE and Trademark Office					
Form PTO-1595 1-31-92 Q54324 SINGRE	010					
To the Honorable Assistant Commissioner for Paterice	101042544 documents or copy thereof.					
1. Name of conveying party(ies): Takeshi TANAKA and Tatsumi ISHIDA	2. Name and address of receiving party(ies)?					
Additional name(s) of conveying party(ies) attached?	Name: MITSUBISHI DENKI KABUSHIKI KAISHA Internal Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan Street Address: Same as above					
3. Nature of Conveyance:	City State Zip					
Assignment Merger Security Agreement Change of Name	Additional name(s) & address(es) attached? yesx no					
Other						
Execution Date: April 28, 1999						
4. Application number(s) or patent number(s):						
If this document is being filed together with a new appli	cation, the execution date of the application is: April 28, 1999					
A. Patent Application No.(s)	B. Patent No(s). 09/309303					
Additional numbers a	ttached? Yes x No					
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	<ol><li>Total number of applications and patents involved: One (1)</li></ol>					
SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (37 CFR 3.41): \$\frac{40.00}{x}  Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.					
	Authorized to be charged to Deposit Account					
2 /1999 JSHABAZZ 00000251 09309303	8. Deposit Account No.					
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9. Statement and Signature.  To the best of my knowledge and belief, the foregoing inf	formation is true and correct and any attached copy is a true					
copy of the original document.  Name Darryl Mexic Reg. No. 123,063	May 11, 1999 Date					
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... 1.

PATENT REEL: 009956 FRAME: 0056

## Assignment

Whereas, I/We,	Takeshi	TANAKA	and	Tatsumi	ISHIDA	of
	Tokyo, 3	Japan				

hereinafter called assignor(s), have invented certain improvements in

## POWER CONVERTER DEVICE

and executed an application for Letters Patent of the United States of America therefor on April 28,1999; and

Whereas, MITSUBISHI DENKI KABUSHIKI KAISHA

2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby author	orize and red	quest my attorneys S	SUGHRUE, MIOI	N, ZINN, MACI	PEAK & SEAS of		
2100 Pennsylvania Ave	enue, N.W., V	Vashington, D.C. 200	37-3202 to insert	here in parenth	eses (Application		
number	, filed		) t	) the filing date and appli			
number of said applic	ation when	known.					
Date: April 28,	1999 s/	TAKESH   Takeshi TAN	TANAKA				
Date: April 28,	1999 s/	TATSUMI Tatsumi ISE	ISHIDA	1			
Date:	s/						
Date:	s/						
Date:	s/						

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92

**RECORDED: 05/11/1999** 

PATENT REEL: 009956 FRAME: 0057