FORM PTO-1595 1- 20 1 1 09-17-199	8 SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissions of 100831126	e attached original documents or copy thereof.	
1. Name of conveying party (les): Matsushita Electric Industrial Co., Ltd.	2. Name and address of receiving party(ies):	
9.10.98	Name: New Energy and Industrial Technology Development Organization Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No		
3. Nature of conveyance:	Street Address:	
X Assignment	1-1, Higashiikebukuro-3-chome	
☐ Security Agreement ☐ Change of Name	Toshima-ku	
☐ Other	City: State: Zip:	
	Tokyo, JAPAN	
Execution Date: August 31, 1998	Additional name(s) & address(es) attached? Yes X No	
 4. Application number(s) or patent number(s): Patent Number 5,191,405 If this document is being filed together with a new application A. Patent Application No.(s) 	the execution date of the application is: B. Patent No.(s)	
A. Tatent Application 110.(5)	U.S. Patent No. 5,191,405, TOMITA, et al.	
	Recorded at Reel 5202/Frame 0556 on December 19, 1989	
	Recorded at Rect 3202/11anic 0550 on December 15, 1909	
Additional numbers attached? Yes X No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: STEVENS, DAVIS, MILLER & MOSHER, L.L.P.	7. Total fee (37 CFR 3.41)\$40.00	
Internal Address: Suite 1010/JEL 27897	Enclosed (Check No. 10685) Any deficiencies may be charged to deposit account Authorized to be charged to deposit account	
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City: Washington State: DC Zip: 20005-2477	8. Deposit account number: 19-4375 (Attach duplicate copy of this page if paying by deposit account)	
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	formation is true and correct and any attached copy is a true	
copy of the original document.		
Mu. 9 [ll.AA	
James E. Ledbetter	September 10, 1998	
Name of Person Signing Signature Date		
	Total number of pages including cover sheet, attachments, and document: 2	
OMB No. 0651-0011 (exp. 4/94)	DATENT	

REEL: 9463 FRAME: 0496

ASSIGNMENT

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation duly organized and existing under the laws of JAPAN, located at 1006, Oaza Kadoma, Kadoma-shi, Osaka, Japan, is the owner by assignment duly recorded in the United States Patent and Trademark Office (hereinafter called "Assignor") of the following Letters Patent of the United States (hereinafter called "Patent Properties"):

Patent Number	Named <u>Inventors</u>	Recorded At Reel and <u>Frame</u>
5,191,405	TOMITA et al.	5202 0556 December 19, 1989

WHEREAS, NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT ORGANIZATION, a corporation organized under the laws of Japan, located at 1-1, Higashiikebukuro-3-chome, Toshima-ku, Tokyo, Japan (hereinafter called "Assignee"), is desirous of acquiring 50% of the right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties, and any reissues or extensions of the same;

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), to said Assignor in hand paid by the said Assignee, and for other good and valuable consideration moving from said Assignee to said Assignor, the receipt of all of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto the said Assignee its successors and assigns, 50% of the right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties and any reissue or extensions thereof;

PATENT REEL: 9463 FRAME: 0497 The Assignor hereby covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grants the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. of Washington, D.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This assignment is effective a	as of the	
1 <u>st</u> day of <u>August</u>	, 1998.	
Hiroki Raito Witness		Signature Officer of Assignor Masaaki Ueda Director, Intellectual Property Center Authorized Signing Officer
Tabrahisa Nahanish. Witness		Typewritten Name of Officer
		Title of Officer

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This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U. S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses. In all cases, any formalities of execution required by the bylaws of the assignor company and the state or country having jurisdiction over the assignor must be observed.

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RECORDED: 09/10/1998