09-14-2001



- 1	אום וווסו והאשו ופופה נוחרו זמופטי (88 ((() 8 8) 18 8 18 18 		epartment of Commerce t and Trademark Office	
1	10184	3665		PATENT	
	TO: The Commissioner of Patents and Trauernains. Treas	0 100010 mile ale.	ned original docur	ment(s) or copy(ies).	
	Submission Type New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame #	Conveyance Assignment License Merger Security At Change of Other:	Type nt greement	9/9/4/210	
Ī	Conveying Party(ies)	- L	Execution D	Date(s)	
- 1	1. Shinichi OGUSA 2. Naoki MORISHIMA 3. 642001 DTESSEM1 00000051 09944210		August 24, 2 August 24, 2	2001	
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_	Mark if Additional Names of Conveying Parties Attached	2d			
1	Receiving Party	7 U			
	Name Mitsubishi Denki Kabushiki Kaisha Name Address 2-3, Marunouchi 2-chome, Chiyoda-ku Address	07/	194142	10	
- 1	Address <u>Tokyo</u> <u>JAPAN</u>		100-8310		
- {	City State/Cou		Zip Code		
1	Correspondent Name and Address	7			
	Jeffrey A. Wyand Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960	Telephone: (202) 737-6770 Facsimile: (202) 737-6776 Attorney Docket No. 401362			
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-	If this document is being filed together with a new Patent A application was signed by the first named executing invented Patent Cooperation Treaty (PCT)		the date the patent	Month Day Year August 24, 2001	
	Enter PCT application number <i>only if</i> a U.S. Application Number has not been assigned.	PCT	PCT	PCT	
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	Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): 40.00 Method of Payment: Enclosed is a check in the amount of \$750.00 Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No				
	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. Charges to deposit account are authorized, as indicated herein.				
	Jeffrey A. Wyand	May	y Sept	1, 2001	
- 1	Name of Person Signing / / Sign	aure		/ Date	

PATENT

REEL: 012147 FRAME: 0596

ASSIGNMENT

other hereby	good and valuable consideration, the receipt of which is acknowledged, the undersigned,		
	Shinichi OGUSA and Naoki MORISHIMA both		
of	c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8310 Japan		
hereby	sells, assigns and transfers to		
	MITSUBISHI DENKI KABUSHIKI KAISHA		
of	2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan		
(herei: the en	nafter called the Assignee), its successors and assigns, tire right, title, and interest in and to:		
(i)	the application for United States Letters Patent entitled: POWER CONVERSION APPARATUS		
	which was executed by the undersigned on August 24 , XXX200 or was filed on, 199 and accorded Serial No (hereinafter called the Application);		
(ii)	any and all inventions and improvements which are described in the Application;		
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);		
(iv)	any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and		
(v)	all benefits under the International Convention for the Protection of Industrial Property.		

PATENT REEL: 012147 FRAME: 0597 The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

Signed at <u>Tokyo, Japan</u>	
this 24th day of August	, xxxe_2001
WITNESS(ES):	INVENTOR(S): Shinichi Ogusa
	Naoki Morishima

RECORDED: 09/04/2001

PATENT REEL: 012147 FRAME: 0598