FORM PTO-1596

	-31-92 Patent and Trademark Office				
1. Name of Conveying Party(ies): Takeo MIKI and Kiyohiro FURLTANI Additional name(s) of conveying party(ies) attached? Yes 3. Nature of Conveyance: Assignment					
Takeo MIKI and Kiyohiro FURUTANI Additional name(s) of conteying party(ies) attached?	10 the Honorable Commissioner for Patents at	4			
Additional name(s) of conveying party(ies) attached?		2. Name		• ` '	
Additional name(s) of conveyance: Assignment	Takeo MIKI and Kiyohiro FURUTANI	Name:	MITSUBISHI DENKI I	KABUSHIKI KAISHA	
3. Nature of Conveyance: Assignment	10//0/00		2-3, Marunouchi 2-chor	me	
Additional name(s) & address(es) attached? Yes	Additional name(s) of conveying party(ies) attache	d? ☐ Yes	Chiyoda-ku	0	
Gother Change of Name Change of Name Additional name(s) & address(es) attached? Yes	3. Nature of Conveyance:		Tokyo 100-8310, JAPA	AN a	
Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: August 20, 2001 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13 th Street, N.W. Street Address: 600 13 th Street, N.W. DO NOT USE THIS SPACE 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. Stephen A. Becker, 26,527 October 15, 2001 Name and Registration No. of Person Signing Signature Do Not Use This Signature October 15, 2001	☐ Assignment ☐ Merge	er		<u>. = 5</u>	
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PATENT REEL: 012256 FRAME: 0454

Attorney	Docket N	o.;
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ASSIGNMENT

	, for which he has:
(a)	filed an application for United States Letters Patent on
(b)	executed an application for United States Letters Patent on August 20, 2001; or
(c)	filed a provisional application on
and existing	Mitsubishi Denki Kabushiki Kaisha , a corporation organize under the laws of <u>Japan</u> , having a place of business a prouchi 2-chome, Chiyoda-ku, TOKYO, 100-8310 JAPAN
	called the "Assignee," is desirous of acquiring the entire right, titl

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

PATENT REEL: 012256 FRAME: 0455 And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery 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.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date:	August 20, 2001	Taker Mihi
(Seal)		Takeo MIKI
Date: _ (Seal)	20 Aug 2001	Kiyohiro FURUTANI
Date: (Seal)		
Date: _ (Seal)		
Date: _ (Seal)		
Date: _ (Seal)		-2-

PATENT REEL: 012256 FRAME: 0456