11-26-	2001	
li de la companya de		
101901	IO51 SHEET	
	TENIS UNL 1 record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)?	
Junichiro NISHITANI U190	MITSUBISHI DENKI KABUSHIKI KAISHA	
4/(4/01	2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN	
Additional name(s) of conveying party(ies) attached?		
🗆 yes 🗹 no		
3. Nature of Conveyance:		
Assignment	09/988289	
□ Security Agreement □ Change of Names	09/ 488289	
	Additional name(s) & address(es) attached?	
	$\square yes \square no$	
Execution Date: November 6, 2001		
4. Application number(s) or patent number(s):	ion, the execution date of the application is: November 6, 2001	
	B. Patent No.(s)	
A. Patent Application No.(s)/Confirmation No.(s) /NOT YET ASSIGNED	D. Taun No.(3)	
Additional numbers atta	nched?  Yes  No	
5. Name and address of party to whom correspondence	6. Total number of applications and registration involved:	
concerning document should be mailed:	7. Total Fee (37 CFR 3.41): \$40.00	
SUGHRUE MION, PLLC	<b>EX</b> Enclosed Please charge any underpayment in	
2100 Pennsylvania Avenue, N.W. Suite 800	connection with this Assignment to Deposit Account No. 19-4880.	
Washington, D.C. 20037-3213	8. Deposit Account No.	
	8. Deposit Account 101	
DO NOT W	VRITE IN THIS SPACE	
9. Statement and organized	ormation is true and correct and any attached copy is a true copy of the	
original document.	November 19, 2001	
	No. 21,092 Date	
Robert J. Seas, Jr.	10. 21,052	
TOTAL NUMBER OF PAGES COMPRISING	G COVER SHEET, ATTACHMENTS AND DOCUMENT: 2	
	ot detach this portion	
Mail documents to be recorded with required cover sheet	information to: missioner for Patents	
	Box Assignments	
Wa	shington, D.C. 20231	
(23/2001 DBYRME 00000100 09988289		
40.00 0P		
FC:581	PATENT	
۲ (	RFFL: 012314 FRAMF: 0296	

## ASSIGNMENT

hereby sells, assigns and transfers to

## MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

led on \_\_\_\_\_\_ and accor \_\_\_\_\_(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 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.

Said Assignce of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to 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.

INVENTOR(S): (Junichir <u>o NISHITANI)</u>	Junichiro Mishetani	Nov. 6. 2001
		PATENT

REEL: 012314 FRAME: 0297

**RECORDED: 11/19/2001**