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To the Honorable Assistant Commissioner for Patents. Ple	ase record the attached original documents or copy thereof						
1. Name of conveying party(ies): Hitoshi TAKAHIRA, Hiroshi YAMAMOTO, Naoyuki NISHIYAMA and Masahiro OHURA	2. Name and address of receiving party(ies)? Name: NITTO DENKO CORPORATION Internal Address: 1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan Street Address: Same as above City State Zip						
Additional name(s) of conveying party(ies) attached?yesx no							
3. Nature of Conveyance:							
<u>x</u> Assignment <u> </u>	Additional name(s) & address(es) attached?yesx no						
Security Agreement Change of Name							
Other							
Execution Date: December 16, 1999							
4. Application number(s) or patent number(s):	09/471282						
If this document is being filed together with a new appli	cation, the execution date of the application is: December 16, 1999						
A. Patent Application No.(s)	B. Patent No(s).						
Additional numbers attached? Yes <u>x</u> No							
5. Name and address of party to whom correspondence concerning document should be mailed:	 Total number of applications and patents involved: One (1) 						
SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202	7. Total Fee (37 CFR 3.41): \$						
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Assignment

Whereas, kWe	. Hitoshi Takahira, Hiroshi Yamamoto, Naoyuki Nishiyama and Masahiro Ohura of Osaka, Japan	XX
DELEACE I	, hereinafter called assignor(s), have invented certain improvements	iņ

and executed an application for Letters Patent of the United States of America therefor on December 16, 1999; and

NITTO DENKO CORPORATION of 1-2, Shimohozumi 1-chome, Whereas, Ibaraki-shi, Osaka, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States and foreign 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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, 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 hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of

2100 Pennsylvania Av	enue, N	1.W., V	Vashington, D.C. 20	037-3202 to insert he	re in parenthe	ses (Application
number		, filed)		filing date a	and application	
number of said appli	cation v	when	known.			
	1999			Tahahira		
Date: December	16, 1999	s/	Hiroshi	Yamamol	<u> </u>	
Date: December	16, 1999	s/	navyuki	Nis hiyama		
Date: December	16, 1999	s/	masher C	There		

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

RECORDED: 12/23/1999

Date: