

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Takashi ODA</td><td>07/04/2005</td></tr><tr><td>Yasufumi MIYAKE</td><td>07/04/2005</td></tr><tr><td>Tadao OHKAWA</td><td>07/04/2005</td></tr></tbody></table>	Name	Execution Date	Takashi ODA	07/04/2005	Yasufumi MIYAKE	07/04/2005	Tadao OHKAWA	07/04/2005	
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Takashi ODA	07/04/2005								
Yasufumi MIYAKE	07/04/2005								
Tadao OHKAWA	07/04/2005								
RECEIVING PARTY DATA									
Name:	Nitto Denko Corporation								
Street Address:	1-2, Shimo-hozumi, 1-chome								
City:	Ibaraki-shi, Osaka								
State/Country:	JAPAN								
Postal Code:	567-8680								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11213901</td></tr></tbody></table>	Property Type	Number	Application Number:	11213901					
Property Type	Number								
Application Number:	11213901								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Total Attachments: 2 source=71450-42#page1.tif source=71450-42#page2.tif									

CH \$40.00 11213901

ASSIGNMENT

WHEREAS I/WE, Takashi ODA, Yasufumi MIYAKE, and Tadao OHKAWA, having an address of c/o NITTO DENKO CORPORATION of 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan ("Assignor"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled, WIRED CIRCUIT BOARD, executed on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on 8/22/85, and identified by United States Serial No. 11/313,901 _____;

WHEREAS, Assignor believe themselves to be the original, first and sole inventor of the invention disclosed and claimed in the application for Letters Patent; and

AND WHEREAS, NITTO DENKO CORPORATION, having an address of 1-2, Shimo-hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, Japan ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors and assigns, the entire right, title and interest in and to said invention, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of DICKINSON WRIGHT PLLC the power to insert on this Assignment any further identification, including the application number and filing date, 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.

Docket No.: 7145C.42
Customer No.: 35141

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date: July 4, 2005

TAKASHI ODA
Takashi ODA

Date: July 4, 2005

Yasufumi Miyake
Yasufumi MIYAKE

Date: July 4, 2005

Tadao OHKAWA
Tadao OHKAWA

(NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).