

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tadao OOKAWA	10/26/2005
Mitsuru HONJO	10/27/2005
Takashi ODA	10/21/2005
RECEIVING PARTY DATA	
Name:	Nitto Denko Corporation
Street Address:	1-1-2, Shimohozumi, Ibaraki-shi,
City:	Osaka
State/Country:	JAPAN
Postal Code:	567-8680
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11280624
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ATTORNEY DOCKET NUMBER:	209982.0029
NAME OF SUBMITTER:	Sheryl R. Neumann
Total Attachments: 2 source=9982-29US.1#page1.tif	

CH 11280624 \$40.00

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**PATENT**  
**REEL: 016974 FRAME: 0738**



A S S I G N M E N T

WHEREAS, we, Tadao OOKAWA, Mitsuru HONJO and Takashi ODA,  
respectively citizens of Japan, with respective post office addresses of  
c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi,  
Osaka 567-8680, Japan, hereinafter generally referred to as "ASSIGNORS,"  
have invented a certain new and useful

PRINTED CIRCUIT BOARD AND  
MANUFACTURING METHOD THEREOF

for which we have executed a United States patent application, Application No. 11/280,624,  
filed November 16, 2005, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the  
Application Number and Filing date of this application if they are unknown at the time of  
execution of this Assignment.

WHEREAS, NITTO DENKO CORPORATION, a Japanese  
corporation having a place of business at 1-1-2, Shimohozumi, Ibaraki-shi,  
Osaka 567-8680, Japan, hereinafter generally referred to as "ASSIGNEE", is  
desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and  
valuable executed consideration, the full receipt and sufficiency of all of which are hereby  
acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS,  
hereby agree to sell, assign, transfer and convey and by these presents do sell, assign,  
transfer

and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the  
territory of the United States and its possessions and territories and all foreign  
countries;

in and to said invention as described and any and all related United States and  
foreign patents applications disclosing said invention, including provisionals, non-  
provisionals, divisions and continuations thereof, along with all rights of priority  
created by patent application under treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives

and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

October 26, 2005

(Date)

Tadao OOKAWA

(Seal)

Tadao OOKAWA

October 27, 2005

(Date)

Mitsuru HONJO

(Seal)

Mitsuru HONJO

October 31, 2005

(Date)

Takashi Oda

(Seal)

Takashi ODA

PATENT

RECORDED: 01/05/2006

REEL: 016974 FRAME: 0741