

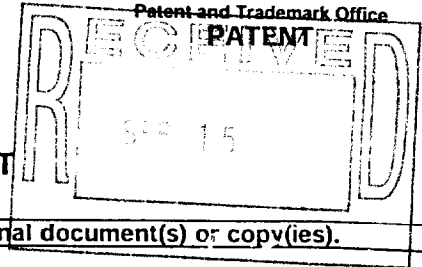
09-18-1998



100833786

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office



9-15-98

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached  
Name (line 1)  Execution Date  
Month Day Year  
08 04 98  
Name (line 2)

Second Party

Name (line 1)  Execution Date  
Month Day Year  
08 04 98  
Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached  
☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)  Nippon Precision Circuits Inc.  
Name (line 2)   
Address (line 1)  6-21, Kyobashi 2 chome, Chuo-ku, Tokyo Japan  
Address (line 2)   
Address (line 3)  City  State/Country  Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name  Donna L. Angotti, Esq.  
Address (line 1)  AMSTER, ROTHSCHILD & EBENSTEIN  
Address (line 2)  90 Park Avenue  
Address (line 3)  21st Floor  
Address (line 4)  New York, New York 10016

FOR OFFICE USE ONLY

09/17/1998 INGVEN 00000317 09110249

01 FC:581

40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 9455 FRAME: 0035

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New Page 2 of 2

☐ Resubmission (Non-Recordation)  
Document ID#

☐ Correction of PTO Error  
Reel #  Frame #

☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name	Execution Date		
	Month	Day	Year
Name (line 1) Akira Toyama	08	08	98
Name (line 2)			

**Second Party**

Name	Execution Date		
	Month	Day	Year
Name (line 1)			
Name (line 2)			

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		

City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name	
Address (line 1)	
Address (line 2)	
Address (line 3)	
Address (line 4)	

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 9455 FRAME: 0036**

**Correspondent Name and Address**

Area Code and Telephone Number 212-697-5995

Name Donna L. Angotti, Esq.

Address (line 1) AMSTER, ROTHESTEIN & EBENSTEIN

Address (line 2) 90 Park Avenue

Address (line 3) 21st Floor

Address (line 4) New York, New York 10016

**Pages** Enter the total number of pages of the attached conveyance document including any attachments.

# 2

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

09/118,249

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 01-1785

Authorization to charge additional fees:

Yes ☒ No ☐

**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. Charges to deposit account are authorized, as indicated herein.*

Donna L. Angotti, Esq.

Name of Person Signing

Donna L. Angotti  
Reg. No. 32,679

Signature

September 11, 1998

Date

## ASSIGNMENT

WHEREAS, Motohiro Yamazaki, (a) citizen(s) of Japan, residing at 3-2-402, Suge 1-chome, Tama-ku, Kawasaki-shi, Kanagawa-ken, Japan,  
Shuichi Ando, a citizen of Japan, residing at 2185-1 Matsudo, Matsudo-shi, Chiba-ken, Japan and Akira Toyama, a citizen of Japan, residing at 222-5, Amanuma, Chigasaki-shi, Kanagawa-ken, Japan, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in DIGITAL DATA PROCESSING CIRCUIT AND DIGITAL DATA PROCESSING METHOD, and

WHEREAS Nippon Precision Circuits Inc., having a principal place of business at 6-21, Kyobashi 2-chome, Chuo-ku, Tokyo, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for

which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor(s) hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor(s) further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN TESTIMONY WHEREOF, I(We) have executed this document on the date(s) indicated below.

Date: 8/4/98  
Motohiro Yamazaki

Motohiro Yamazaki  
Motohiro Yamazaki

Date: 8/4/98

Shuichi Ando  
Shuichi Ando

Date: 8/8/98

Akira Toyama  
Akira Toyama