06-08-2000 U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 06/30/99 **PATENT** OMB 0651-0027 101377758 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 Conveyance Type **Security Agreement Assignment** ~ New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Merger Other Reel# Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Frame # Reel# Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date
Month Day Ye Name (line 1) Miyabe, Satoru 03142000 Name (line 2) Execution Date

Month Day Year Month Day Second Party Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Nippon Precision Circuits Inc. is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. Address (line 1) 6-21, Kyobashi 2-chome, Chuo-ku (Designation must be a separate document from Address (line 2) Tokyo, Japan Assignment.) Address (line 3) State/Country City **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 07/2000 DNGUYEN 00000011 09454118 40.00 DF FC:501

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.

FORM	PTO-1619B
Expires 06/3	30/99
OMB 0651-	0027

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

orrespondent Name and Address Area Code and Telephone Number (212) 697-5995
Name Marion P. Metelski
Address (line 1) Amster, Rothstein & Ebenstein
Address (line 2) 90 Park Avenue
Address (line 3) 21st Floor
Address (line 4) New York, New York 10016
ages Enter the total number of pages of the attached conveyance document including any attachments.
pplication 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) 09454118 Patent Number(s) Patent Number(s)
this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was Month Day Year
signed by the first named executing inventor.
atent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number PCT PCT PCT
has not been assigned.
umber of Properties Enter the total number of properties involved. # 1
ee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed 🗸 Deposit Account 🗌 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 V No
tatement 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.
Marion P. Metelski May 17, 2000
Name of Person Signing Signature Date

108031.1

<u>ASSIGNMENT</u>

WHEREAS, Satoru Miyabe, a citizen of Japan, residing at c/o Nippon

Precision Circuits Inc., 4-3, Fukuzumi 2-chome, Koto-ku, Tokyo, Japan,

(hereinafter referred to the "the Assignor") has invented certain new and useful improvements in MOS TRANSISTOR OUTPUT CIRCUIT, Serial No. 09/454,118 for which an application for United States Letters Patent was executed herewith and was filed on December 3, 1999 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 has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Assignee the 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

PATENT REEL: 010828 FRAME: 0338 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 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 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 assigns, sells, transfers and sets over unto the Assignee and its

successors all priority rights under the aforesaid application.

Assignor 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 have executed this document on the date

indicated below.

Date: 3/14/2000

RECORDED: 05/19/2000

Satory Miyabe
Satory Miyabe

108031.1

REEL: 010828 FRAME: 0339