

03-21-2001



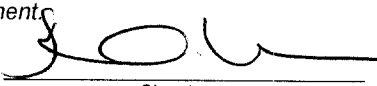
P/2005-30

PATENTS

101643171

COVER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

<p>1. Name of conveying party(ies): Shirou UCHIYAMA 3.7.01</p> <p>Type of Entity: Individual</p> <p>Additional names(s) of conveying party(ies) attached? No</p>	<p>2. Name and Address of receiving party(ies): NEC Corporation 7-1, Shiba 5-chome, Minato-ku Tokyo, Japan</p> <p>Type of Entity: Corporation of Japan</p> <p>Additional name(s) &amp; address(es) attached? No</p>
<p>3. Nature of Conveyance: Assignment</p> <p>Execution Date: March 5, 2001</p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: March 5, 2001</p>	
<p>A. Application No.(s)</p> <p>09/801289</p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached? No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of documents involved: 1</p>
<p>OSTROLENK, FABER, GERB &amp; SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403</p>	<p>7. Total fee (37 CFR 3.41): \$ 40.00</p> <p>Enclosed as part of Check No. 3668</p> <p>In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.</p>
<p>DO NOT USE THIS SPACE</p>	
<p>8. 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 documents.</p> <p>Steven I. Weisburd  March 7, 2001</p> <p>Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet, attachments, and document: 2</p>	

1c962 U.S. PTO  
09/801289  
03/07/01

03/12/2001 MLAKW1 00000012 09801289

03 FC:581 40.00 OP  
04 FC:998 18.00 OP

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PATENT  
REEL: 011593 FRAME: 0106

PATENT APPLICATION ASSIGNMENT -  
SOLE OR JOINT INVENTORS  
EXECUTED OUTSIDE U.S.A.

OFCS FILE NO. P/2005-30

WHEREAS, I (We), SHIROU UCHIYAMA  
as assignor(s), have invented certain  
improvements in SEMICONDUCTOR MEMORY DEVICE AND METHOD OF FABRICATING THE SAME  
for  
which an application for United States Letters Patent has been executed by me (us) of  
even date herewith; and

WHEREAS, NEC Corporation  
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

as assignee, is desirous of acquiring all right, title and interest in and to said  
invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and  
valuable consideration, the receipt of which is hereby acknowledged, I (We), as as-  
signor(s), hereby sell, assign and set over to said assignee the entire right, title  
and interest for the United States and all other countries in and to said invention  
and the aforesaid application for Patent, all original, divisional, continuation,  
substitute or reissue applications and patents applied for or granted therefor in the  
United States and all other countries, including all rights of priority from the fil-  
ing of said application, and all rights for past infringement, and the Commissioner  
of Patents and Trademarks is hereby authorized and requested to issue all patents on  
said inventions or resulting therefrom to said assignee herein, as assignee of the  
entire interest therein; and the undersigned for myself (ourselves) and my (our)  
legal representatives, heirs and assigns do hereby agree and covenant without further  
remuneration, to execute and deliver all divisional, continuation, reissue and other  
applications for Patent on said inventions and all assignments thereof to said  
assignee or its assigns, to communicate to said assignee or its representatives all  
facts known to the undersigned respecting said inventions, whenever requested, to  
testify in any interferences or other legal proceedings in which any of said applica-  
tions or patents may become involved, to sign all lawful papers, make all rightful  
oaths, and to do generally everything necessary to assist assignee, its successors,  
assigns and nominees to obtain patent protection for said invention in the United  
States and all other countries, the expenses incident to said applications to be  
borne and paid by said assignee.

Date: March 5, 2001

Shirou Uchiyama   
SHIROU UCHIYAMA

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Witness:

Atsushi Uchida  
[Signature]