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Form **PTO-1595**

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 102062	U.S. Patent and Trademark Office
Tab settings	V V V
	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Tetsuya HAYASHI Toshifumi TAKAHASHI Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies) Name: Nec Corporation Internal Address:
3. Nature of conveyance:	11 July 1
Assignment	7-1, Shiba 5-chome Street Address: Minato-ku, Tokyo Japan
	City:State:Zip:
Execution Date: March 27, 2002	Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appli	cation, the execution date of the application is: March 27, 2002
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached?	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$
Name:	Enclosed Authorized to be charged to deposit account
575 Madison Avennue Street Address: 15th Floor IP Department	8. Deposit account number: 50-1290
New York New York 10022-2585 City:State:Zip:	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Michael I. Markowitz	April 12, 2002
Name of Person Signing	Signature Date
Total number 16 name institution	er sheet, attachments, and documents:

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Washington, D.C. 20231

ASSIGNMENT

Docket No. NECW 19.631

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE
for which (check one) [X] an application is being filed concurrently herewith,
[] an application for a Patent of the United States was filed onand given Application Serial No
and WHEREAS, NEC Corporation having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof,
ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the term of this instrument; and
ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith; and
ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
Full name of sole or first inventor TETSUYA HAYASHI Inventor's Signature Tetsuya Hayashi Date March 27, 2002 Residence Tokyo, Japan Citizenship Japanese Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
Full name of second joint inventor, if any TOSHIFUMI. TAKAHASHI Second Inventor's Signature Joshigumi Jalzahadi Date March 27, 2002 Residence Tokyo, Japan Citizenship Japanese Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
Witness: 11107805.01 Witness:

RECORDED: 04/12/2002

PATENT REEL: 012798 FRAME: 0199