

MRD 3-21-97

NEC 96454

FORM PTO-101
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To the Honorable Commissioner of Patents

RE 07-08-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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Submitted original documents or copy thereof

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1. Name of conveying party(ies):
Hiraku Ishikawa
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: NEC CORPORATION
Internal Address:
Street Address: 7-1, Shiba 5-chome, Minato-ku
City: Tokyo JAPAN
Additional name(s) & address, ss) attached? Yes No

3. Nature of conveyance: MRD 3-21-97
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: March 14, 1997

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 14, 1997
A. Patent Application No.(s)
B. Patent No.(s)
08/822117
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Norman P. Soloway
Internal Address:
Street Address: HAYES, SOLOWAY, HENNESSEY, GROSSMAN & HAGE
175 Canal Street
City: Manchester State: NH ZIP: 03101

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 08-1391
(Attach duplicate copy of this page if paying by deposit account)

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9. 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.
Norman P. Soloway
Name of Person Signing
Signature
March 21, 1997
PATENT
PATENT t 3

REEL: 9291 FRAME: 0213

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we, HIRAKU ISHIKAWA

of Tokyo, Japan

having invented certain inventions and improvements in METHOD FOR MANUFACTURING A RELIABLE SEMICONDUCTOR DEVICE

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on the 14th day of March, 1997; the _____ day of _____, 19____; the _____ day of _____, 19____; the _____ day of _____, 19____; and the _____ day of _____, 19____, for good and valuable consideration, the receipt of which is hereby acknowledged, from NEC CORPORATION, a Japanese corporation having its principal place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-01, Japan (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications, and any patent which may be issued on the said invention in the United States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or First

Inventor's signature *Hiraku Ishikawa*  Date: 14/03/1997
Full name (typed or printed) HIRAKU ISHIKAWA

Witness: *Nico Larane* Date: 14/03/1997 Witness: *Monty Amos* Date: 14/03/1997

Second Inventor's
signature _____ Date _____
Full name (typed or printed) _____

Witness: _____ Date: _____ Witness: _____ Date: _____

Third Inventor's
signature _____ Date _____
Full name (typed or printed) _____

Witness: _____ Date: _____ Witness: _____ Date: _____