Docket No.: 13258

Cree vision Date   December 2 1999   Patent and Trade   Country:   Date   December 2 1999   Patent and Trade   Country:   Date   December 2 1999   Patent and Trade   Patent and Trade   Country:   Date   December 2 1999   Date   December 2 1999   Date   Date   December 2 1999   Date   Date   December 2 1999   Date   Date   December 2 1999   Date   Date   Date   December 2 1999   Date   Dat	U.S. DEPARTMENT OF COMMERCE
To the Honorable Commissioner of Pater  1. Name of conveying party(les): Michihiko Ichinose  Name: NEC Corporation Address: 7-1, Shiba 5-chome Address: 7-1, Shiba 5-chome  Minato-ku  3. Nature of conveyance:  Massignment	Patent and Trademark Office
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Michihiko Ichinose  Michihiko Ichinose  Michihiko Ichinose  Name: NEC Corporation  Address: 7-1, Shiba 5-chome  Minato-ku  3. Nature of conveying party(ies) attached?	17
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Merger  Security Agreement	
City: Tokyo State/Prov.:  Country: Japan ZIP:  Execution Date: December 2, 1999  Additional name(s) & address(es) attached?	
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Additional name(s) & address(es) attached?	State/Prov.:
4. Application number(s) or registration numbers(s):  If this document is being filed together with a new application, the execution date of the application is: February 12.  Patent Application No. Filing date  B. Patent No.(s)  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Paul J. Esatto, Jr.  Registration No. 30,749  Address: Scully, Scott, Murphy & Presser  400 Garden City Plaza  Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMP	ZIP:
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Address: State/Prov.: New York  Authorized to be charged to deposit account  8. Deposit account number:  19-1013/SSMP	
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City: Garden City State/Prov.: New York 19-1013/SSMP	
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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.	attached copy is a true copy
of the original document.	
Paul J. Esatto, Jr. December 14, 1999	<b>December 14, 1999</b>
Name of Person Signing Signature Date	3 Date
Total number of pages including cover sheet, attachments, and document:	TENT

REEL: 010462 FRAME: 0792

## Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

MICHIHIKO ICHINOSE

Hereby sell, assign and transfer to NEC Corporation

a corporation

of Japan

having a place of business at

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all improvements which are disclosed and claimed, and as possessed by the undersigned, any and all improvements which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned

on December 2, 1999

and is entitled

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SEMICONDUCTOR DEVICE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said improvements, or any of them; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign course.

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and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing; maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	muhihino symver a.s.
Witness: December 2, 1999  Witness: December 2, 1999	MICHIHIKO ICHINOSE
Witness:	
Date:	(L.S.)
Date:	(L.S.)
Witness:	

PATENT REEL: 010462 FRAME: 0794