Pocket No.: 13655

06-27-2000 FORM PTO-1595 (Modified) RE U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar P08A/REV02 Tab settings → → 101390271 To the Honorable Commissioner of Patents a...... is not a record the attached original documents or copy thereof. 1. Name of conveying party(ies): 6.1.00 2. Name and address of receiving party(ies): Shigekazu Otsuka Name: NEC Corporation Address: 7-1, Shiba 5-chome Minato-ku 3. Nature of conveyance: ■ Assignment ☐ Merger City: Tokyo Security Agreement ☐ Change of Name State/Prov.: Country: Japan Other ZIP: Execution Date: May 26, 2000 Additional name(s) & address(es) attached? ☐ Yes XI No 585836 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: May 26, 2000 Patent Application No. Filing date B. Patent No.(s) Additional numbers attached?
Yes
No. 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Paul J. Esatto, Jr. 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 30,749 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: SCULLY, SCOTT, MURPHY & PRESSER Authorized to be charged to deposit account 400 Garden City Plaza 8. Deposit account number: City: Garden City State/Prov.: NY 19-1013/SSMP Country: USA ZIP: 11530 DO NOT USE THIS SPACE 06/27/2000 DCDATES 00000105 09585088 40.00 GP 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. Paul J. Esatto, Jr. June 1, 2000 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document:

PATENT REEL: 010872 FRAME: 0167

Assignment

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

SHIGEKAZU OTSUKA

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

May 26, 2000

and is entitled

SEMICONDUCTOR DEVICE INCLUDING MACROS AND ITS TESTING METHOD 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 countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any

PATENT REEL: 010872 FRAME: 0168 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.

Y7 A.G	_ Shickasu (tsuka	a.s.
Date: May 26, 2000	Shigekasu Otsuka	_(~
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