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U.S. DEPARTMENT OF COMMERCE  
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To the Director, U.S. Patent and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies):

Atsufumi Shibayama (2/2/2007), Koichi Nose (2/2/2007), and Masayuki Mizuno (2/2/2007)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

2. Name and address of receiving party(ies)

Name: NEC CORPORATION

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7-1, Shiba 5-chome  
Minato-Ku, Tokyo  
108-8001  
JAPAN

City:

State:

Country:

Zip:

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

11/575,473

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Steven I. Weisburd  
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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1001

Expiration Date 01/11

b. Deposit Account Number

Authorized User Name

9. Signature:

*Michael J. Scheer*

Signature

March 20, 2007

Date

Michael J. Scheer - 34,425

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

03/22/2007 MAHREU2 00005135 110/5405

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

FILE NO.

WHEREAS, I/We, Atsufumi SHIBAYAMA, Koichi NOSE and Masayuki MIZUNO, as assignors, have invented certain improvements in SEMICONDUCTOR DEVICE AND COMMUNICATION CONTROL METHOD for which an application for United States Letters Patent for which an application for United States Letters Patent was filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_; and

WHEREAS,  
NEC Corporation of 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, We, as assignors, 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 filing 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 ourselves and 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 applications 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: February 2, 2007

Atsufumi Shibayama   
Atsufumi SHIBAYAMA

Date: February 2, 2007

Koichi Nose   
Koichi NOSE

Date: February 2, 2007

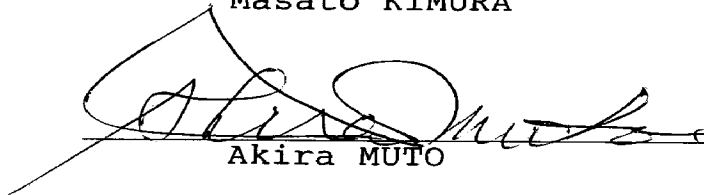
  
Masayuki MIZUNO

Witness:

Date: February 2, 2007

  
Masato KIMURA

Date: February 2, 2007

  
Akira MUTO

LEGALIZATION RECOMMENDED