

03-20-2008



Docket No.: 66364/07

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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Takahiro MORODA

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

Nature of conveyance/Execution Date(s):

Execution Date(s): March 4, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies):

Name: NEC ELECTRONICS CORPORATION

Address: 1753 Shimonumabe, Nakahara-ku,

City: Kawasaki

State/Prov.: Kanagawa

Country: Japan ZIP: 211-8668

Additional name(s) & address(es)

☐ Yes ☒ No

Application or patent numbers(s):

A. Patent Application No. (s)

☒ This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Sean M. McGinn, Esq.

Registration No.: 34,386

Address: McGinn Intellectual Property Law Group, PLLC

1321 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: Virginia

Country: U.S.A. ZIP: 22182-3817

Phone Number: 703-761-4100

Fax Number: 703-761-2375

Email Address: admin@mcginniplaw.com

6. Total number of applications and patents involved: One

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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 50-0481 (Deficiencies Only)  
Authorized User Name Sean M. McGinn

Signature:

Signature

March 13, 2008

Date

Sean M. McGinn, Esq.

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: ☐

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PATENT  
REEL: 020685 FRAME: 0245

# ***ASSIGNMENT OF APPLICATION FOR PATENT***

**WHEREAS:** TAKAHIRO MORODA  
c/o NEC Electronics Corporation,  
1753 Shimonumabe, Nakahara-ku, Kawasaki,  
Kanagawa 211-8668, Japan

NAME AND ADDRESS  
OF ASSIGNOR

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and  
own a certain new and useful invention entitled:

TITLE OF INVENTION:

ON-CHIP DEBUG EMULATOR, DEBUGGING METHOD, AND  
MICROCOMPUTER

FULL NAME AND ADDRESS  
OF ASSIGNEE

**WHEREAS:** NEC Electronics Corporation,  
1753 Shimonumabe, Nakahara-ku, Kawasaki,  
Kanagawa 211-8668, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire  
right, title, and interest in, to and under said invention and the United States  
Letters Patent to be obtained therefor:

**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be  
it known that in consideration of the payment of ASSIGNEE to  
ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is  
hereby acknowledged, and for other good and valuable consideration,  
ASSIGNOR, by these presents, hereby sells, assigns and transfers to  
ASSIGNEE the entire and exclusive right, title and interest to said  
invention and all Letters Patent of the United States to be obtained therefor  
on said application or any continuation, division, renewal, substitute or  
reissue thereof for the full term or terms for which the same may be  
granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents  
and Trademarks to issue said Letters Patent of the  
United States Patent obtained therefor on said application or any

(Assignment of Application for Patent -- page 1 of 2)

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 4th day of March, 2008.

SIGNATURE

By: Takahiro Moroda   
TAKAHIRO MORODA

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

SIGNATURE

By: \_\_\_\_\_

WITNESSES

Nitishi Ukeni  
[Signature]

(Assignment of Application for Patent - page 2 of 2)

U.S. PTO  
12/076064  
03/13/2008

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
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Signature

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