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To the Director of the United States Patent and

ORM PTO-1595 (Modified

MB No. 0651-0027 (exp.1/: 1/2009)

ev. 12-05)

BA/REV05

U.S. PTO 12/654835

054835 Docket No.: NEC08147US

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01-14-2010

ed documents or the new address(es) below

103586382 1. Name of conveying party(ies): ess of receiving party(ies): Takashi NOSE Name: NEC ELECTRONICS CORPORATION Address: 1753 Shimonumabe, Nakahara-ku ☐ Yes ☒ No Additional names(s) of conveying party(ies) . Nature of conveyance/Execution Date(s): Execution Date(s): December 11, 2009 City: Kawasaki ☐ Merger ☐ Security Agreement ☐ Change of Name State/Prov.: Kanagawa ☐ Joint Research Agreement Country: Japan ZIP: 211-8668 ☐ Government Interest Assignment □ Executive Order 9424, Confirmatory License □ Other Additional name(s) & address(es) ☐ Yes **⊠** No . Application or patent numbers(s): This document is being filed together with a new application A. Patent Application No. (s) B. Patent No.(s) ☐ Yes 🖾 No Additional numbers attached? . Name and address to whom correspondence 6. Total number of applications and patents oncerning document should be mailed: involved: One (1) Vame: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC ☐ Authorized to be charged by credit card 321 Old Courthouse Road Authorized to be charged to deposit account iuite 200 ☑ Enclosed City: Vienna ☐ None required (government interest not affecting title) State/Prov.: Virginia 8. Payment Information Country: U.S.A. ZIP: 22182-3817 a. Credit Card Last 4 Numbers Phone Number: 703-761-4100 **Expiration Date** Fax Number: 703-761-2375 b. Deposit Account Number 50-0481 (deficiencies only) Email Address: admin@mcginniplaw.com Authorized User Name Sean M. McGinn . Signature: January 6, 2010 Date Signature Sean M. McGinn, Esq. Total number of pages including cover sheet, attachments, and document: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (671)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT REEL: 023787 FRAME: 0091

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Takashi NOSE

c/o NEC Electronics Corporation, 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

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

TITLE OF INVENTION:

CONTROLLER DRIVER, DISPLAY DEVICE, AND CONTROL METHOD THEREFOR

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

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)

PATENT REEL: 023787 FRAME: 0092 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.

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 11th day of December, 2009.

By: Johnshi NOSE

Bv: ______

<u>WITNESSES</u>

SIGNATURE

SIGNATURE

DATE OF SIGNING

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

DRM PTO-1595 (Modified) lev. 12-05) MB No. 0651-0027 (exp.1/31/2009) 38A/REV05

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Docket No.: NEC08147US U.S. DEPARTMENT OF COMMERC

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To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below 2. Name and address of receiving party(ies): I. Name of conveying party(ies): Takashi NOSE Name: NEC ELECTRONICS CORPORATION Address: 1753 Shimonumabe, Nakahara-ku ☐ Yes 🔯 No Additional names(s) of conveying party(ies) . Nature of conveyance/Execution Date(s): Execution Date(s): December 11, 2009 City: Kawasaki ☐ Merger Assignment State/Prov.: Kanagawa ☐ Security Agreement Change of Name Joint Research Agreement ZIP: 211-8668 Country: Japan ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Yes ⊠ No □ Other Additional name(s) & address(es) This document is being filed together with a new application . Application or patent numbers(s): B. Patent No.(s) A. Patent Application No. (s) DUPLICATE Additional numbers attached? ☐ Yes 🛛 No . Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: One (1) Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC ☐ Authorized to be charged by credit card 3321 Old Courthouse Road Authorized to be charged to deposit account Suite 200 Enclosed None required (government interest not affecting title) City: Vienna 8. Payment Information State/Prov.: Virginia Last 4 Numbers a. Credit Card Country: U.S.A. **Expiration Date** Phone Number: 703-761-4100 50-0481 (deficiencies only) b. Deposit Account Number Fax Number: 703-761-2375 Sean M. McGinn **Authorized User Name** Email Address: admin@mcginniplaw.com . Signature: <u>January 6, 2010</u> Date Signature Total number of pages including cover Sean M. McGinn, Esq. sheet, attachments, and document: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to: top Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

> PATENT REEL: 023787 FRAME: 0094

RECORDED: 01/08/2010