U.S. PTO

DRM PTO-1595 (Modified)

tev. 08-05) MB No. 0651-0027 (exp.6/30/2008) 38A/REV05 12/12/2008

12-23-2008 12/314585

Docket No.: 332040/07

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U.S. DEPARTMENT OF COMMERC

Patent and Trademark Offic

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| To the Director of the United States Patent and Trademore Chice. | rease record the attached documents or the new address(es) below |
| I. Name of conveying party(ies): | 2. Name and address of receiving party(ies): |
| Kouichi NISHIMURA | Name: NEC ELECTRONICS CORPORATION |
| | Address: 1753 Shimonumabe, Nakahara-ku |
| 3 | |
| Additional names(s) of conveying party(ies) | |
| . Nature of conveyance/Execution Date(s): | |
| Execution Date(s): December 3, 2008 | City: Kawasaki |
| ✓ Assignment | State/Prov.: Kanagawa |
| ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement | |
| Government Interest Assignment | Country: JAPAN ZIP: 211-8668 |
| ☐ Executive Order 9424, Confirmatory License | |
| ☐ Other | Additional name(s) & address(es) |
| . Application or patent numbers(s): | This document is being filed together with a new application |
| A. Patent Application No. (s) | B. Patent No.(s) |
| Additional numbers atta | ched? |
| oncerning document should be mailed: | involved: |
| Name: Sean M. McGinn, Esq. | 7 Total foo (27 CED 1 21/b) 9 2 41) \$ 40.00 |
| Registration No.: 34,386 | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Address: McGinn Intellectual Property Law Group, PLLC | ☐ Authorized to be charged by credit card |
| 8321 Old Courthouse Road | Authorized to be charged to deposit account |
| Suite 200 | ☐ Enclosed |
| City: Vienna | ☐ None required (government interest not affecting title) |
| State/Prov.: Virginia | 8. Payment Information |
| Country: <u>USA</u> ZIP: <u>22182-3817</u> | a. Credit Card Last 4 Numbers |
| Phone Number: (703) 761-4100 | Expiration Date |
| Fax Number: (703) 761-2375 or 76 | b. Deposit Account Number 50-0481 (deficiencies only) |
| Email Address: | Authorized User Name Sean M. McGinn, Esq. |
| . Signature: Signature | December 12, 2008 Date |
| Sean M. McGinn, Esq. | Total number of pages including cover |
| Name of Person Signing | sheet, attachments, and document: |

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

12/15/2008 JADDO1

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94 FC:8921

PATENT

REEL: 022028 FRAME: 0988

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: KOUICHI NISHIMURA 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:

SIGNAL LINE DRIVING DEVICE COMPRISING A PLURALITY OF OUTPUTS

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)

PATENT REEL: 022028 FRAME: 0989 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 3rd day of December, 200 8

| SIGNATURE | By: Hauschi Rishimura (1) KOUICHI NISHIMURA |
|------------------|---|
| SIGNATURE | Ву: |
| SIGNATURE | Ву: |
| SIGNATURE | By: |
| SIGNATURE | By: |
| SIGNATURE | By: |
| <u>witnesses</u> | Hajime Masuda |

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

PATENT REEL: 022028 FRAME: 0990

ORM PTO-1595 (Modified) Rev. 08-05))MB No. 0651-0027 (exp.6/30/2008) '08A/REV05

RECORDATION FORM COVER SHEET

Docket No.: 332040/07

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PATENTS ONLY

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| 1. Name of conveying party(ies): | 2. Name and address of receiving party(les): |
| Kouichi NISHIMURA | Name: NEC ELECTRONICS CORPORATION |
| | Address: 1753 Shimonumabe, Nakahara-ku |
| Additional names(s) of conveying party(ies) | |
| Execution Date(s): December 3, 2008 | |
| ⚠ Assignment☐ Merger☐ Security Agreement☐ Change of Name | City: Kawasaki State/Prov.: Kanagawa |
| □ Joint Research Agreement □ Government Interest Assignment □ Executive Order 9424, Confirmatory License | Country: JAPAN ZIP: 211-8668 |
| Other | Additional name(s) & address(es) |
| A. Patent Application No. (s) | This document is being filed together with a new application B. Patent No.(s) |
| | |
| Additional numbers attack. Name and address to whom correspondence | ched? |
| concerning document should be mailed: | involved: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 | |
| 8321 Old Courthouse Road | ☐ Authorized to be charged by credit card |
| Suite 200 | ☒ Authorized to be charged to deposit account ☒ Enclosed |
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| Fax Number: (703) 761-2375 or 76 | Expiration Date b. Deposit Account Number 50-0481 (deficiencies only) |
| Email Address: | Authorized User Name Sean M. McGinn, Esq. |
| Signature: Summer Signature | December 12, 2008 Date |
| Sean M. McGinn, Esq. Name of Person Signing | Total number of pages including cover sheet, attachments, and document: |

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RECORDED: 12/12/2008

PATENT REEL: 022028 FRAME: 0991