| U.S. PTO 11/797589 | Docket No.: NEC 06047US |
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| 1 PTO-1595 (Modified) 05/04/2007 05 - 18 - 2 | 2007 EET U.S. DEPARTMENT OF COMMERCE |
| 03-01/ | Potent and Trademark Office |
| No. 0651-0027 (exp.5/31/2002) REV04 | |
| > settings > > V V V To the Director of the United States Page 103407 | |
| To the Director of the United States Pa | the attached original documents or copy thereof. |
| Name of conveying party(ies): Masahiko HAYASHI | Name and address of receiving party(ies): Name: NEC Electronics Corporation Address: 1753 Shimonumabe, Nakahara-ku |
| iditional names(s) of conveying party(ies) | |
| Nature of conveyance: | |
| ☐ Assignment ☐ Merger | |
| ☐ Security Agreement ☐ Change of Name | City: Kawasaki State/Prov.: Kanagawa |
|] Other | Country: Japan ZIP: 211-8668 |
| xecution Date: April 24, 2007 | • |
| | Additional name(s) & address(es) ☐ Yes ☒ No |
| | · |
| Additional numbers | ☐ Yes ☒ No |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: Sean M. McGinn | 7. Total fee (37 CFR 3.41):\$ 40.00 |
| Registration No. 34,386 | ☑ Enclosed - Any excess or insufficiency should be |
| Address: McGinn Intellectual Property Law Group, PLLC | credited or debited to deposit account |
| 8321 Old Courthouse Road | ☐ Authorized to be charged to deposit account |
| Suite 200 | 8. Deposit account number: |
| City: Vienna State/Prov.: Virginia | 50-0481 (deficiencies only) |
| Country: U.S.A. ZIP: 22182-3817 | (Attach duplicate copy of this page if paying by deposit account) |
| DO NOI | USE THIS SPACE |
| Sean M. McGinn Name of Person Signing | May 4, 2007 Signature Date Per sheet, attachments, and document: |
| Mail documents to be recorded wi | th required cover sheet information to: |
| Director of the United State P.O. Box 1450, Alex | nt Recordation Services s Patent and Trademark Office andria, VA 22313-1450 05/97/2097 NBERHE 09099863 11797589 |
| | 04 FC:8921 40.00 OP |

PATENT

REEL: 019322 FRAME: 0385

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR Masahiko HAYASHI 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:

SEMICONDUCTOR APPARATUS AND METHOD OF DISPOSING OBSERVATION FLIP-FLOP

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: 019322 FRAME: 0386 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.

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

A PTO-1595 (Modified) No. 0653-0027 (exp.5/31/2002) /REV04

RECORDATION FORM COVER SHEET

Docket No.: NEC 06047US

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| To the Director of the United States Patent and Trademark Offi | | py thereof. |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies): | |
| Masahiko HAYASHI | Name: NEC Electronics Corporation | |
| | | |
| | Address: 1753 Shimonumabe, Nakahara-ku | |
| dditional names(s) of conveying party(ies) | | |
| Nature of conveyance: | | |
| ☑ Assignment ☐ Merger | | |
| ☐ Security Agreement ☐ Change of Name | City: Kawasaki State/Prov.: Kanaga | wa |
| Other | Country: Japan ZIP: 211-86 | 68 |
| xecution Date: April 24, 2007 | | |
| | Additional name(s) & address(es) | ⊠ No |
| Application number(s) or patent numbers(s): | | |
| his document is being filed together with a new application, t | he execution date of the application is: April 24, | , 2007 |
| | B. Patent No.(s) | |
| Patent Application No. Filing date | D. Faterit 140.(3) | |
| | | |
| | | |
| | DUPLICATE | |
| Additional supplement | ☐ Yes ☒ No | |
| Additional numbers | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved | rea: |
| • | 7 7 4 14 (07 05 0 44) | |
| Name: Sean M. McGinn | 7. Total fee (37 CFR 3.41):\$ 40.00 | |
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| Sean M. McGinn | May 4, | 2007 |
| Name of Person Signing | Signature Date | |

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