

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Takashi SAKOH | 03/19/2009 |
| RECEIVING PARTY DATA | |
| Name: | NEC Electronics Corporation |
| Street Address: | 1753 Shimonumabe, Nakahara-ku, Kawasaki |
| City: | Kanagawa |
| State/Country: | JAPAN |
| Postal Code: | 211-8668 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12411618 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)685-0573 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 7035212297 |
| Email: | embon@young-thompson.com |
| Correspondent Name: | YOUNG & THOMPSON |
| Address Line 1: | 209 Madison Street |
| Address Line 2: | Suite 500 |
| Address Line 4: | ALEXANDRIA, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | 8045-1135 |
| NAME OF SUBMITTER: | Eric Jensen |
| Total Attachments: 1 source=ASSIGNMENT#page1.tif | |

OP \$40.00 12411618

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PATENT
REEL: 022454 FRAME: 0666

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ASSIGNMENT

WHEREAS,

Takashi SAKOH of Tokyo, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

Semiconductor Memory Device

- (a) for which an application for a United States patent was filed on
March 26, 2009, Application No. 12/411,618,
- (b) for which an application for a United States patent was executed on
March 19, 2009,

WHEREAS, NEC Electronics Corporation

whose address is 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date March 19, 2009,

Takashi Sakoh
(signature) Takashi SAKOH

Witnesses:

Date March 19, 2009,

Harime Masuda
(signature)

Date March 19, 2009,

[Signature]
(signature)