

04-27-2004



2 SHEET

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To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.

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16834 U.S. PTO
10/828231



042104

<p>1. Name of conveying party(ies): [FAMILY NAME (ALL CAPS), Given Name] KOH, Chao-Ming DOONG, Jia-Ching HSIEH, Gia-Hua</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies) Name: VANGUARD INTERNATIONAL SEMICONDUCTOR CORPORATION Internal Address: Street Address: 123, Park Ave-3rd, Science-Based Industrial Park City: Hsinchu State: ZIP: Country: Taiwan, R.O.C. Postal Code: 30077</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: April 6, 2004</p>	

4. Application number(s) or patent number(s): **10828231**

If this document is being filed together with a new application, the execution date of the application is: **April 6, 2004**

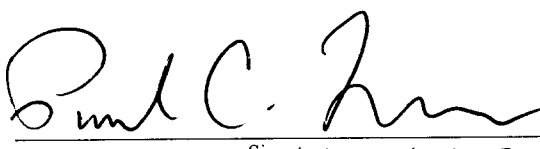
<p>A. Patent Application No(s). NEW</p>	<p>B. Patent No.(s).</p>
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Additional numbers attached? YES NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA</p>	<p>6. Total No. of applications/patents involved: One (1)</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached.</p> <p>8. Deposit account number: 02-2448</p> <p>(Attach triplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.

<p>Joe McKinney Muncy, #32,334 Name of Person Signing/Reg. No.</p>	 Signature #43,368	<p>April 21, 2004 Date</p>
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Total number of pages including cover sheet, attachments, and document: **Two (2)**

04/22/2004 CNGUYEN 00000038 10828231
02 FC:8021 40.00 DP

KM/nl
(Rev. 02/12/2004)

ASSIGNMENT

WHEREAS, Chao-Ming KOH, Jia-Ching DOONG and Gia-Hua HSIEH hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: NON-VOLATILE MEMORY CELL AND METHOD OF FORMING THE SAME

Filed: April 21, 2004 Serial No. NEW


Executed on: 2004/04/06

WHEREAS, Vanguard International Semiconductor Corporation of 123, Park Ave-3rd, Science - Based Industrial Park, Hsinchu, Taiwan 30077, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;


NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

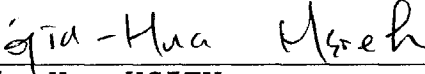
IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.


Chao-Ming KOH

6 / Apr. 2004
Date


Jia-Ching DOONG

6 / April / 2004
Date


Gia-Hua HSIEH

6 / April / 2004
Date