

04-28-1998

FORM PTO-1595
1-31-92

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket No: VISC 1200

MEP 4-7-98

CSO U.S. PTO
09/05/98
04/07/98

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Luigi Ternullo, Jr. and Jeffrey S. Earl
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Vanguard International Semiconductor Corporation
Address: 123, Park Avenue - 3rd Science-Based Industrial Park
City: Hsinchu Country: TAIWAN ROC
ZIP: 30077

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution date: 4/3/98

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
A. Patent Application No(s). n/a
B. Patent No(s). n/a
Additional numbers attached? Yes No
If this document is being filed together with a new application, the execution date of the application is: 4/3/98

09/056546

5. Name and address of party to whom correspondence concerning document should be mailed:
Lawrence E. Lycke, Esq.
CHRISTENSEN O'CONNOR
JOHNSON & KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, WA 98101-2347
(206) 682-8100

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41):\$ 40.00
Check No. 094764 in the amount of \$40.00 is enclosed.
8. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this sheet is enclosed.

04/24/1998 TTOM11 00000132 09056546
01-FC:381 40.00 EP

DO NOT USE THIS SPACE

9. Statement and signature:
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Lawrence E. Lycke
Name of Attorney or Agent
Registration No. 38,540
Direct Dial (206) 695-1783

Signature
4/7/98
Date

Total number of pages including cover sheet, attachments and document: 4

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

WHEREAS, we, Luigi Ternullo, Jr., residing at 1524 Calle De Adia, San Jose, CA 95118 and Jeffrey S. Earl, residing at 6508 Leyland Park Drive, San Jose, CA 95120, are the inventors named in an application for Letters Patent of the United States, entitled METHOD AND CIRCUIT FOR DISABLING A TWO-PHASE CHARGE PUMP, executed by Luigi Ternullo, Jr. on April 3, 1998, and executed by Jeffrey S. Earl on April 3, 1998;

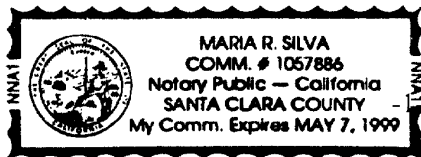
AND, WHEREAS, Vanguard International Semiconductor Corporation, a Republic of China (Taiwan) corporation, having a principal place of business at 123, Park Avenue - 3rd, Science-Based Industrial Park, Hsinchu 3007 Taiwan R.O.C. (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at San Jose (city), California, this third day of April, 1998.

Luigi Ternullo, Jr.
Luigi Ternullo, Jr.

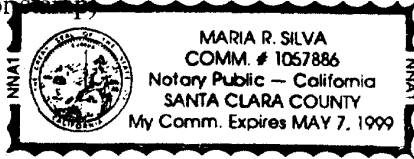
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) SS.



On April 3, 1998, before me, Maria R. Silva personally appeared Luigi Ternullo, Jr., ___ personally known to me - OR- X proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

(Seal or stamp)



Maria R. Silva
Signature
Notary Public
My appointment expires May 7, 1999

Executed at Santa Clara (city), California, this third day of April, 1998.

Jeffrey S. Earl
Jeffrey S. Earl

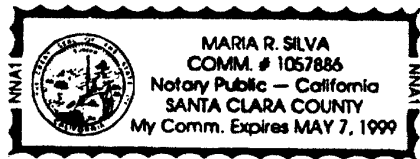


STATE OF CALIFORNIA)
) SS.
COUNTY OF Santa Clara

On April 4, 1998, before me, Maria R. Silva personally appeared Jeffrey S. Earl ___ personally known to me - OR- X proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

(Seal or stamp)



Maria R. Silva
Signature
Notary Public
My appointment expires May 7, 1999