



07-20-2006

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

Form PTO-1525 (Rev. 08/05)
OMB No. 0650-0027 (exp. 6/30/2008)



103278067

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

7.17.06

1. Name of conveying party(ies):

Corrado Villa

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): July 12, 2006

- Assignment Merger Change of Name
- Security Agreement Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: STMicroelectronics S.r.l.

Internal Address: _____

Street Address: _____

STMicroelectronics S.r.l.
Via Olivetti 2

City: Agrate Brianza

State: _____

Country: Italy Zip: 20041

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

4. Application or patent number(s):

A. Patent Application No.(s)

11/411010

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Andre M. Szuwalski
JENKENS & GILCHRIST, A
PROFESSIONAL CORPORATION

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

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9. Signature:

Signature

July 13, 2006

Date

Andre M. Szuwalski - 35,701

Name of Person Signing

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

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS MISSING PARTS, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 13, 2006

Signature: _____

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CUSTOMER NO. 23932

PATENT APPLICATION
Docket No. 61170-67USPX**ASSIGNMENT**

THIS ASSIGNMENT, by Corrado Villa (hereinafter Assignor), residing at Via S. Francesco, 31, 20050- Sovico (MI), ITALY;

WHEREAS, Assignor has invented certain new and useful improvements in DATA STORING METHOD FOR A NON-VOLATILE MEMORY CELL ARRAY HAVING AN ERROR CORRECTION CODE, set forth in an application for Letters Patent of the United States, already filed on April 25, 2006 as U.S. Application No. 11/411010; and

WHEREAS, STMicroelectronics S.r.l., a Corporation organized under and pursuant to the laws of Italy having its principal place of business at STMicroelectronics S.r.l., Via Olivetti 2, 20041- Agrate Brianza, ITALY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignor has sold, assigned, transferred and set over, and does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

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PATENT APPLICATION
Docket No. 61170-67USPX

AND for the same consideration, Assignor represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the inventions and application for Letters Patent above-mentioned, and that same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignor covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor requests the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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PATENT APPLICATION
Docket No. 61170-67USPX

JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION

All practitioners at Customer Number 23932

AND Assignor acknowledges an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: 12-July-06

Signature: Corrado Villa
Corrado Villa