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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

8-11-06

1. Name of conveying party(ies):

Antonio GRISETA
Antonio LONIGRO
Angelo MAZZONE

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 06/12/06; 06/13/06; 06/21/06

2. Name and address of receiving party(ies)

Name: STMicroelectronics S.r.l.

Internal Address: _____

Street Address: _____

Via C. Olivetti, 2

City: Agrate Brianza (MI) Zip: I-20041 Country: Italy

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

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

If this document is being filed together with a new application, the execution data of the application is:

A. Patent Application No.(s)
11/437,273

B. Patent No.(s)

Additional numbers attached? Yes No

FINANCE SECTION
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5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Graybeal Jackson Haley LLP

Internal Address: Bryan A. Santarelli

Street Address: _____

155 - 108th Avenue N.E., Suite 350

City: Bellevue State: WA Zip: 98004-5973

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

07-1897 (deficiencies)

(Attach duplicate copy of this page if paying by deposit account)

40.00 DP

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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.

Bryan A. Santarelli
Name of Person Signing

Signature

August 9, 2006
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,

ASSIGNOR Antonio GRISETA residing or having a principal place of business at Via Enrico Toti, 50/A, I-70042 MOLA DI BARI (BA) ITALY, and a citizen or juristic entity of Italy,

ASSIGNOR Antonio LONIGRO residing or having a principal place of business at Via Luigi Rovelli, 43, I-71100 FOGGIA (FG) ITALY, and a citizen or juristic entity of Italy,

ASSIGNOR Angelo MAZZONE residing or having a principal place of business at Via Diaz, 49/B, I-70037 RUVO DI PUGLIA (BA) ITALY, and a citizen or juristic entity of Italy,

hereby sell, assign, and transfer to:

ASSIGNEE STMicroelectronics S.r.l., residing or having a principal place of business at Via C. Olivetti, 2, I-20041, Agrate Brianza (MI), Italy and a citizen or juristic entity of Italy, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled ECC FOR SINGLE 4-BITS SYMBOL CORRECTION OF 32 SYMBOLS WORDS WITH 21 MAXIMUM ROW WEIGHT MATRIX and which is found in United States patent application serial number 11/437,273, filed on May 19, 2006 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

ASSIGNORS:

Name: Antonio GRISETA

Signature: x Antonio Griseta

Title (if applicable): _____

EXECUTED ON, and effective from this x 13th day of x June, 2006 at _____

I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this _____ day of _____, 2006 of his/her own free will for the purpose therein expressed at the following location: _____

WITNESS

Name: _____

Signature: _____

Name: Antonio LONIGRO

Signature: x Antonio Lonigro

Title (if applicable): _____

EXECUTED ON, and effective from this x 13th day of x June, 2006 at _____

I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this _____ day of _____, 2006 of his/her own free will for the purpose therein expressed at the following location: _____

WITNESS

Name: _____

Signature: _____

Name: Angelo MAZZONE

Signature: *Angelo Mazzone*

Title (if applicable): _____

EXECUTED ON, and effective from this x 21st day of x June, 2006
at _____

I hereby declare that I was personally present and did see the ASSIGNOR, who is personally known to me to be a person named in the assignment, duly sign and execute the same on this _____ day of _____, 2006 of his/her own free will for the purpose therein expressed at the following location: _____

WITNESS

Name: _____

Signature: _____