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

1. Names of conveying party(ies)/Execution Date(s):

- 1) ANDREA CONCIL
2) ANDREA GIORGI
3) STEFANO VALLE

4)
5)

Execution Dates:

- 1) SEPTEMBER 6, 2005 4) _____
2) SEPTEMBER 6, 2005 5) _____
3) SEPTEMBER 6, 2005 6) _____

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ 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: VIA C. OLIVETTI, 2City: AGRATE BRIANZA

State: _____

Country: ITALY Zip 20041Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No(s):

01/05/2006 FFANAEIA 00000073 11323909

05 FC:8021

40.00 OP

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Seed Intellectual Property Law Group PLLCInternal Address: ROBERT IANNUCCIStreet Address: 701 Fifth Avenue, Suite 6300City: SeattleState: WA ZIP: 98104-7092Phone Number: 206-622-4900Fax Number: 206-682-6031Email Address: BobI@SeedIP.com

6. Total number of applications and patents involved

1

7. Total Fee (37 CFR 1.21(h) & 3.41):

\$40

- ☐ 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 _____
Expiration Date _____
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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.

ROBERT IANNUCCI

Name of Person Signing

Signature

DECEMBER 29, 2005

Date

Total number of pages including cover sheet, attachments, and document: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

ASSIGNMENT

SERIAL No. _____

FILED _____

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

CONCIL Andrea
GIORGI Andrea
VALLE Stefano

(hereinafter designated as the undersigned) hereby sell(s) and assign(s) to

STMicroelectronics S.r.l.

of Via C. Olivetti, 2
I-20041 Agrate Brianza (Milano – Italy)

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee),
the entire right, title and interest in the invention or improvements in

Method for iterative decoding in a digital system and apparatus implementing the method

for which an application for Letters Patent of the United States of America has been executed by
the undersigned

on September 06, 2005

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or letters patent or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby authorizes its attorneys to amend this document to insert the filing date and application serial number when they become known.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 06, 2005, Name of Inventor CONCIL Andrea Andrea Concil
(signature)

Date September 06, 2005, Name of Inventor GIORGI Andrea Andrea Giorgi
(signature)

Date September 06, 2005, Name of Inventor VALLE Stefano Stefano Valle
(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

Witness Gala Pirriero

Witness Luana Simoni