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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gianluca FILIPPINI  
Bruno BIFFI  
Fabrizio Simone ROVATI  
Emiliano PICCINELLI

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

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: June 23, 2006

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)  
11/448,586

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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 - 108<sup>th</sup> 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)

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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 30, 2006

Date

09/06/2006 DBYRME 00000046 11448586 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

01 FC:8021

PATENT  
REEL: 018250 FRAME: 0895

## 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 Gianluca FILIPPINI residing or having a principal place of business at Via Manzoni, 8, I-26900 Lodi, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Bruno BIFFI residing or having a principal place of business at Viale Gandolfi, 35/P, I-26845 Codogno (Lodi), Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Fabrizio Simone ROVATI residing or having a principal place of business at Via Colleoni, 15, I-20092 Cinisello Balsamo (Milano), Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Emiliano PICCINELLI residing or having a principal place of business at Via XXIV Maggio, 3, I-20040 Cavenago di Brianza (Milano), 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 A METHOD AND SYSTEM FOR CODING MOVING IMAGE SIGNALS, CORRESPONDING COMPUTER PROGRAM PRODUCT and which is found in United States patent application serial number 11/448,586, filed on June 6, 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: Gianluca FILIPPINI

Signature: 

Title (if applicable): \_\_\_\_\_

EXECUTED ON, and effective from this 23<sup>rd</sup> day of 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: Bruno BIFFI

Signature: 

Title (if applicable): \_\_\_\_\_

EXECUTED ON, and effective from this 23<sup>rd</sup> day of 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  
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will for the purpose therein expressed at the following location: \_\_\_\_\_

WITNESS

Name: \_\_\_\_\_

Signature: \_\_\_\_\_