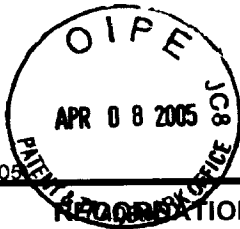


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OMB No. 0651-0027 (exp. 6/30/2005)

DEPARTMENT OF COMMERCE  
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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. Name of conveying party(ies)/Execution Date(s):**

Francesco PAPPALARDO

Agatino PENNISI

Execution Date(s) March 9, 2005

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ 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, 2

City: I-20041 Agrate Brianza (MI)

State: \_\_\_\_\_

Country: Italy Zip: \_\_\_\_\_

Additional 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)

B. Patent No.(s)

11/018,972

Additional numbers attached? ☐ Yes ☒ No

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

Name: CHRISTOPHER F. REGAN, ESQ.

Internal Address: ALLEN, DYER, DOPPELT,

MILBRATH & GILCHRIST, P.A.

Street Address: 255 S ORANGE AVENUE SUITE 1401

City: ORLANDO

State: FL Zip: 32801

Phone Number: 407-841-2330

Fax Number: 407-841-2343

Email Address: cregan@addmg.com

**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  
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**8. Payment Information**

a. Credit Card Last 4 Numbers 1006  
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b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

PAUL J. DITMYER  
Signature

April 5, 2005

Date

PAUL J. DITMYER (MATTER # 53461)

Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

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**PATENT**  
**REEL: 016475 FRAME: 0653**

A S S I G N M E N T

WHEREAS, Francesco PAPPALARDO of Paternò (CT) Italy, and Agatino PENNISI of Nocera Inferiore (SA), Italy; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in DATA CODING METHOD AND CORRESPONDING DATA PROCESSING UNIT HAVING A CODING/DECODING CIRCUIT, for which ASSIGNORS have executed an application for United States Letters Patent filed on December 21, 2004, in the United States Patent and Trademark Office and assigned Serial No. 11/018,972; and

WHEREAS, STMicroelectronics S.r.l., an Italian corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent

applications or for the invention or inventions hereof, in accordance with this assignment.

And said ASSIGNORS for said consideration hereby covenant and agree that said ASSIGNORS are the owners of the full title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

09/03/2005  
Date

  
Francesco PAPPALARDO

09/03/2005  
Date

  
Agatino PENNISI