

06-10-2005



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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):

Andrea Lorenzo VITALI  
Fabrizio Simone ROVATI  
Luigi Della TORRE  
Luca CELETTI

Execution Date(s) May 3, 2005 & May 6, 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: Agrate Brianza (MI)

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

Country: Italy Zip: 20041

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)

11/084,531

B. Patent No.(s)

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  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1006

Expiration Date 11/06

b. Deposit Account Number \_\_\_\_\_

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

9. Signature:

Signature  
(MATTER # 53477) PAUL J. DITMYER  
Name of Person Signing

June 3, 2005

Date

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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06/08/2005 HGTENR1 00000002 11084531

## A S S I G N M E N T

WHEREAS, **Andrea Lorenzo VITALI** of Bergamo, Italy, **Fabrizio Simone ROVATI** of Milano, Italy, **Luigi DELLA TORRE** of Milano, Italy, and **Luca CELETTTO** of Udine, Italy; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in **METHODS AND SYSTEMS FOR ENCODING/DECODING SIGNALS, AND COMPUTER PROGRAM PRODUCT THEREFOR**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on March 18, 2005, in the United States Patent and Trademark Office and assigned Serial No. 11/084,531; 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.

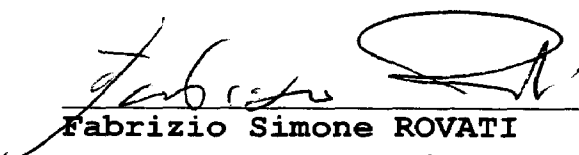
And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting 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.

3/MAY/2005  
Date

  
\_\_\_\_\_  
Andrea Lorenzo VITALI

3/MAY/2005  
Date

  
\_\_\_\_\_  
Fabrizio Simone ROVATI

3/MAY/2005  
Date

  
\_\_\_\_\_  
Luigi DELLA TORRE

6/MAY/2005  
Date

  
\_\_\_\_\_  
Luca CELETTO