

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Salvatore TUMMINARO	01/08/2009
Salvatore GIOMBANCO	01/08/2009
Alfio PASQUA	01/08/2009
Claudio ADRAGNA	01/08/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STMicroelectronics S.r.l.
<b>Street Address:</b>	Via C. Olivetti, 2
<b>City:</b>	Agrate Brianza (MI)
<b>State/Country:</b>	ITALY
<b>Postal Code:</b>	I-20041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12347889
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(425)455-1046
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	425-455-5575
Email:	pkuvac@graybeal.com
Correspondent Name:	Graybeal Jackson LLP
Address Line 1:	155 - 108th Ave NE, Suite 350
Address Line 4:	Bellevue, WASHINGTON 98004
ATTORNEY DOCKET NUMBER:	2110-308-03
NAME OF SUBMITTER:	Kevin D. Jablonski

Total Attachments: 4  
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**PATENT  
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**OP \$40.00 12347889**

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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 Salvatore TUMMINARO residing or having a principal place of business at Corso Vittorio Emanuele, 56, I-03010 Marianopoli, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Salvatore GIOMBANCO residing or having a principal place of business at Via Anapo, 48, I-96010 Cassaro, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Alfo PASQUA residing or having a principal place of business at Via Mons. Cannavò, 14, I-95017 Piedimonte Etneo, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Claudio ADRAGNA residing or having a principal place of business at Via R. Ardigo, 11, I-20052 Monza, 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 METHOD FOR CONTROLLING A SWITCHING REGULATOR AND RELATED SWITCHING REGULATOR and which is found in United States patent application serial number 12/347,889, filed on December 31, 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: Salvatore TUMMINARO

Signature: 

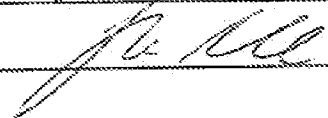
Title (if applicable): DESIGNER

EXECUTED ON, and effective from this 08 day of JAN, 2009  
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 08 day of JAN, 2009 of his/her own free will for the purpose therein expressed at the following location: \_\_\_\_\_

WITNESS

Name: MICHELE GRANDO

Signature: 

Name: Salvatore GIOMBANCO

Signature: *Salvatore Giombanco*

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

EXECUTED ON, and effective from this 08 day of JAN, 2009  
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 08 day of JAN, 2009 of his/her own free will for the purpose therein expressed at the following location: \_\_\_\_\_

WITNESS

Name: MICHELE GRANDI

Signature: *Michele Grandi*

Name: Alfio PASQUA

Signature: *Alfio Pasqua*

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

EXECUTED ON, and effective from this 08 day of JAN, 2009  
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 08 day of JAN, 2009 of his/her own free will for the purpose therein expressed at the following location: \_\_\_\_\_

WITNESS

Name: MICHELE GRANDI

Signature: *Michele Grandi*

Name: Claudio ADRAGNA

Signature: Claudio ADRAGNA

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

EXECUTED ON, and effective from this 08 day of January, 2009  
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 08 day of January, 2009 of his/her own free will for the purpose therein expressed at the following location: \_\_\_\_\_

\_\_\_\_\_

WITNESS

Name: VINCENZO MONTEMEZZO

Signature: V. Montemezzo