

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alfio Guarnera</td> <td>10/10/2008</td> </tr> <tr> <td>Mario Giuseppe Saggio</td> <td>10/06/2008</td> </tr> <tr> <td>Ferruccio Frisina</td> <td>10/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Alfio Guarnera	10/10/2008	Mario Giuseppe Saggio	10/06/2008	Ferruccio Frisina	10/06/2008		
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<table border="1"> <tr> <td>Name:</td> <td>STMicroelectronics S.r.l.</td> </tr> <tr> <td>Street Address:</td> <td>Via C. Olivetti, 2</td> </tr> <tr> <td>City:</td> <td>Agrate Brianza</td> </tr> <tr> <td>State/Country:</td> <td>ITALY</td> </tr> <tr> <td>Postal Code:</td> <td>20041</td> </tr> </table>		Name:	STMicroelectronics S.r.l.	Street Address:	Via C. Olivetti, 2	City:	Agrate Brianza	State/Country:	ITALY	Postal Code:	20041
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CORRESPONDENCE DATA											
<p>Fax Number: (617)646-8646</p> <p>Phone: 617-646-8000</p> <p>Email: gdriscoll@wolfgreenfield.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: James H. Morris</p> <p>Address Line 1: Wolf, Greenfield &amp; Sacks, P.C.</p> <p>Address Line 2: 600 Atlantic Avenue</p> <p>Address Line 4: Boston, MASSACHUSETTS 02210</p>											
ATTORNEY DOCKET NUMBER:	S102271719US01										
NAME OF SUBMITTER:	Gail Driscoll										
<p>Total Attachments: 3</p> <p>source=13434686#page1.tif</p> <p>source=13434686#page2.tif</p> <p>source=13434686#page3.tif</p>											

OP \$40.00 13434686

**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 Alfio Guarnera residing or having a principal place of business at Via del Caravaggio, 7, I-95039 Trecastagni, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Mario Giuseppe Saggio residing or having a principal place of business at Via Stazione, 40B, I-95021 Acicastello, Italy, and a citizen or juristic entity of Italy,

ASSIGNOR Ferruccio Frisina residing or having a principal place of business at Via Tre Torri, 11, I-95030, Sant'Agata Li Battiati, 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 (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 PROCESS FOR MANUFACTURING A POWER SEMICONDUCTOR DEVICE HAVING CHARGE-BALANCE COLUMNAR STRUCTURES ON A NON-PLANAR SURFACE, AND CORRESPONDING POWER SEMICONDUCTOR DEVICE and which is found in United States patent application serial number \_\_\_\_\_, filed on \_\_\_\_\_ (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: Alfio Guarnera

Signature: Alfio Guarnera

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

EXECUTED ON, and effective from this 10th day of October, 2008  
at Catania

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 10th day of October, 2008 of his/her own free will for the purpose therein expressed at the following location: Catania

WITNESS

Name: Don Angelo Magri

Signature: Don Angelo Magri

Name: Mario Giuseppe Saggio

Signature: Mario Giuseppe Saggio

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

EXECUTED ON, and effective from this 6th day of October, 2008  
at Catania

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 6th day of October, 2008 of his/her own free will for the purpose therein expressed at the following location: Catania

WITNESS

Name: Angelo Magri

Signature: Angelo Magri

Name: Ferruccio Frisina

Signature: Ferruccio Frisina

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

EXECUTED ON, and effective from this 10th day of October, 2008  
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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 10th day of October, 2008 of his/her own free will for the purpose therein expressed at the following location: Catania

WITNESS

Name: Angelo Magari

Signature: Angelo Magari