

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric Sabouret</td> <td>08/05/2009</td> </tr> <tr> <td>Laurent Hoareau</td> <td>08/26/2009</td> </tr> <tr> <td>Yves Salmon</td> <td>08/05/2009</td> </tr> </tbody> </table>		Name	Execution Date	Eric Sabouret	08/05/2009	Laurent Hoareau	08/26/2009	Yves Salmon	08/05/2009		
Name	Execution Date										
Eric Sabouret	08/05/2009										
Laurent Hoareau	08/26/2009										
Yves Salmon	08/05/2009										
<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>STMicroelectronics S.A.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>29, Boulevard Romain Rolland</td> </tr> <tr> <td><b>City:</b></td> <td>Montrouge</td> </tr> <tr> <td><b>State/Country:</b></td> <td>FRANCE</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>92120</td> </tr> </table>		<b>Name:</b>	STMicroelectronics S.A.	<b>Street Address:</b>	29, Boulevard Romain Rolland	<b>City:</b>	Montrouge	<b>State/Country:</b>	FRANCE	<b>Postal Code:</b>	92120
<b>Name:</b>	STMicroelectronics S.A.										
<b>Street Address:</b>	29, Boulevard Romain Rolland										
<b>City:</b>	Montrouge										
<b>State/Country:</b>	FRANCE										
<b>Postal Code:</b>	92120										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>STMICROELECTRONICS (CROLLES 2) SAS</td> </tr> <tr> <td><b>Street Address:</b></td> <td>850, rue Jean Monnet</td> </tr> <tr> <td><b>City:</b></td> <td>CROLLES Cedex</td> </tr> <tr> <td><b>State/Country:</b></td> <td>FRANCE</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>38921</td> </tr> </table>		<b>Name:</b>	STMICROELECTRONICS (CROLLES 2) SAS	<b>Street Address:</b>	850, rue Jean Monnet	<b>City:</b>	CROLLES Cedex	<b>State/Country:</b>	FRANCE	<b>Postal Code:</b>	38921
<b>Name:</b>	STMICROELECTRONICS (CROLLES 2) SAS										
<b>Street Address:</b>	850, rue Jean Monnet										
<b>City:</b>	CROLLES Cedex										
<b>State/Country:</b>	FRANCE										
<b>Postal Code:</b>	38921										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12539542</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12539542						
Property Type	Number										
<b>Application Number:</b>	12539542										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (214)999-3623</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 214-999-3000</p> <p>Email: ip@gardere.com, mwyss@gardere.com</p> <p>Correspondent Name: GARDERE WYNNE SEWELL LLP INTELLECTUAL PR</p> <p>Address Line 1: 3000 THANKSGIVING TOWER</p> <p>Address Line 2: 1601 ELM ST</p>											

OP \$40.00 12539542

**500990347**

**PATENT**  
**REEL: 023382 FRAME: 0607**

Address Line 4: DALLAS, TEXAS 75201-4761

ATTORNEY DOCKET NUMBER:

361170-1129

NAME OF SUBMITTER:

Michelle L. Wyss

Total Attachments: 3

source=361170-1129Assgnmt#page1.tif

source=361170-1129Assgnmt#page2.tif

source=361170-1129Assgnmt#page3.tif

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Eric Sabouret; Laurent Hoareau; and Yves Salmon (hereinafter referred to as Assignors), residing at 85 Allee de Chamrousse 38330 Saint-Ismier, FRANCE; 3 rue Jean Giono, 38100 Grenoble, FRANCE; and 210 rue des Libellules, 38920 Crolles, FRANCE, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in SEMICONDUCTOR DEVICE HAVING PAIRS OF PADS, set forth in a Patent application for Letters Patent of the United States, either filed herewith or file on August 11, 2009 as Application No. 12/539542; and

**WHEREAS**, STMicroelectronics S.A., a Corporation organized under and pursuant to the laws of France having its principal place of business at STMicroelectronics S.A., 29, Boulevard Romain Rolland, 92120 Montrouge, FRANCE and STMicroelectronics (Crolles 2) SAS, a Corporation organized under and pursuant to the laws of France having its principal place of business at 850, rue Jean Monnet, 38921 Crolles Cedex, FRANCE (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or

terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignees, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignees, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, its successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, its successors, legal representatives and assigns.

CUSTOMER NO. 32914

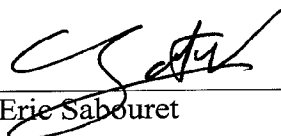
PATENT APPLICATION  
Docket No. 361170-1129

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

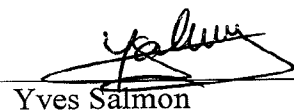
GARDERE WYNNE SEWELL LLP

All practitioners at Customer Number 32914

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date: 05/08/09 Signature:   
Eric Sabouret

Date: 24/08/09 Signature:   
Laurent Hoareau

Date: 05/08/09 Signature:   
Yves Salmon