

PATENT ASSIGNMENT

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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>Jorge Regolini</td><td>02/15/2010</td></tr><tr><td>Michael Gros-Jean</td><td>02/15/2010</td></tr></tbody></table>		Name	Execution Date	Jorge Regolini	02/15/2010	Michael Gros-Jean	02/15/2010				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>STMICROELECTRONICS S.A.</td></tr><tr><td>Street Address:</td><td>29, Boulevard Romain Rolland</td></tr><tr><td>City:</td><td>Montrouge</td></tr><tr><td>State/Country:</td><td>FRANCE</td></tr><tr><td>Postal Code:</td><td>92120</td></tr></table>		Name:	STMICROELECTRONICS S.A.	Street Address:	29, Boulevard Romain Rolland	City:	Montrouge	State/Country:	FRANCE	Postal Code:	92120
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<table border="1"><tr><td>Name:</td><td>STMICROELECTRONICS (CROLLES 2) S.A.S.</td></tr><tr><td>Street Address:</td><td>850, rue Jean Monnet</td></tr><tr><td>City:</td><td>Monnet</td></tr><tr><td>State/Country:</td><td>FRANCE</td></tr><tr><td>Postal Code:</td><td>38921</td></tr></table>		Name:	STMICROELECTRONICS (CROLLES 2) S.A.S.	Street Address:	850, rue Jean Monnet	City:	Monnet	State/Country:	FRANCE	Postal Code:	38921
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (214)999-3623 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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OP \$40.00 12781489

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PATENT  
REEL: 024395 FRAME: 0858

ATTORNEY DOCKET NUMBER:	361170-1144
NAME OF SUBMITTER:	Michelle L. Wyss
<b>Total Attachments: 3</b> source=361170-1144Assignment#page1.tif source=361170-1144Assignment#page2.tif source=361170-1144Assignment#page3.tif	

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Jorge Regolini and Michael Gros-Jean (hereinafter referred to as Assignors), residing at 244, Chemin des Catihres, Cidex-38B, 38190 Bernin, FRANCE and 14 rue d'Alembert, 38000 Grenoble, FRANCE, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in PHOTODIODE WITH INTERFACIAL CHARGE CONTROL AND ASSOCIATED PROCESS, set forth in a Patent application for Letters Patent of the United States, either filed herewith or filed on 17-MAY-2010 as Application No. 12/781,489; and

**WHEREAS**, STMicroelectronics S.A., a Corporation organized under and pursuant to the laws of France having its principal place of business at 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. 361170-1144

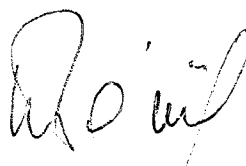
AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GARDERE WYNNE SEWELL LLP

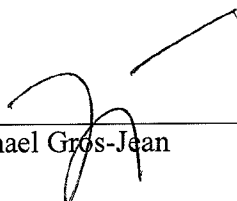
All practitioners at Customer Number 32914

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

Date: 15/02/10

Signature:   
Jorge Regolini

Date: 15/02/2010

Signature:   
Michael Gros-Jean