

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>Francesco Italia</td> <td>05/30/2012</td> </tr> <tr> <td>Giuseppe Noviello</td> <td>05/30/2012</td> </tr> <tr> <td>Chee Yu Ng</td> <td>05/30/2012</td> </tr> <tr> <td>Benedetto Vigna</td> <td>05/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Francesco Italia	05/30/2012	Giuseppe Noviello	05/30/2012	Chee Yu Ng	05/30/2012	Benedetto Vigna	05/30/2012
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Francesco Italia	05/30/2012										
Giuseppe Noviello	05/30/2012										
Chee Yu Ng	05/30/2012										
Benedetto Vigna	05/30/2012										
RECEIVING PARTY DATA											
Name:	STMICROELECTRONICS INTERNATIONAL N.V.										
Street Address:	WTC Schiphol Airport										
Internal Address:	Schiphol Boulevard 265										
City:	Amsterdam										
State/Country:	NETHERLANDS										
Postal Code:	1118BH										
Name:	STMICROELECTRONICS ASIA PACIFIC PTE LTD										
Street Address:	5A Serangoon North Avenue 5										
City:	Singapore										
State/Country:	SINGAPORE										
Postal Code:	554574										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13544713</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13544713						
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Application Number:	13544713										
CORRESPONDENCE DATA											
Fax Number:	(214)999-3623										
Phone:	(214)999-3000										
Email:	mwyss@gardere.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											

OP \$40.00 13544713

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Address Line 4: Dallas, TEXAS 75201-4761

ATTORNEY DOCKET NUMBER:	12-SIN-0058 (328940-1398)
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NAME OF SUBMITTER:	Michelle L. Wyss
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Total Attachments: 3 source=328940-1398_ASSIGNMENT#page1.tif source=328940-1398_ASSIGNMENT#page2.tif source=328940-1398_ASSIGNMENT#page3.tif
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT is made by Francesco Italia, Giuseppe Noviello, Chee Yu Ng, and Benedetto Vigna (hereinafter referred to as Assignors), residing at 261 River Valley Road, #03-18 Aspen Heights, Singapore 238307, SINGAPORE; 361 Bukit Timah Road #06-06, Singapore 259725, SINGAPORE; Block 248 Bishan Street #12-360, Singapore 570248, SINGAPORE; and via Anzio 20, Potenza 85100, ITALY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in COMBINING TOUCH SCREEN AND OTHER SENSING DETECTIONS FOR USER INTERFACE CONTROL, set forth in a Patent application for Letters Patent of the United States, filed on 09-JUL-2012, as Application No. 13/544,713; and

WHEREAS, STMICROELECTRONICS INTERNATIONAL N.V., a Netherlands corporation, residing or having a principal place of business at WTC Schiphol Airport, Schiphol Boulevard 265, 1118BH Schiphol Airport, Amsterdam, Netherlands and STMicroelectronics Asia Pacific Pte Ltd, having its principal place of business at 5A Serangoon North Avenue 5, Singapore, Singapore 554574 (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.

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

CUSTOMER NO. 30430

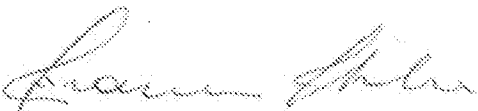
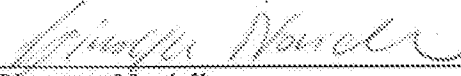

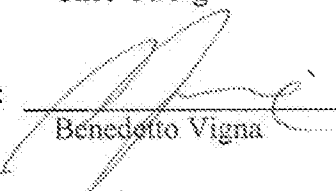
PATENT APPLICATION
Docket No. 328940-1398

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 30430

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

Date: <u>30 May 2011</u>	Signature: <u></u> Francesco Italia
Date: <u>30 May 2011</u>	Signature: <u></u> Giuseppe Noviello
Date: <u>30 May 2011</u>	Signature: <u></u> Chee Yu Ng
Date: <u>30 May 2011</u>	Signature: <u></u> Benedetto Vigna