

**PATENT ASSIGNMENT**

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Daniele MANGANO	09/20/2011
Ignazio Antonino URZI	09/20/2011
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13241874
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**PATENT**  
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ATTORNEY DOCKET NUMBER:	2269-100-03
NAME OF SUBMITTER:	Bryan A. Santarelli
Total Attachments: 4 source=2269-100-03_Assignment_as_filed_20110922#page1.tif source=2269-100-03_Assignment_as_filed_20110922#page2.tif source=2269-100-03_Assignment_as_filed_20110922#page3.tif source=2269-100-03_Assignment_as_filed_20110922#page4.tif	

## ASSIGNMENT

WHEREAS we, Daniele MANGANO ("ASSIGNOR 1"); Ignazio Antonino URZI ("ASSIGNOR 2"); (collectively hereinafter "ASSIGNORS"), having mailing addresses of Via Mastropavano Sparta, I-98163 Messina, Italy; and 80 rue du Port, F-38340 Voreppe, France, respectively, are the joint inventors of the invention(s) disclosed in an application for United States letters patent entitled, **A TRANSACTION REORDERING ARRANGEMENT**, filed \_\_\_\_\_, and allotted United States Patent Application No. \_\_\_\_\_ (an attorney for either of the assignees may enter this information after this Assignment is executed); and

WHEREAS, STMicroelectronics (Grenoble 2) SAS ("ASSIGNEE 1") and STMicroelectronics S.r.l. ("ASSIGNEE 2") (collectively hereinafter "ASSIGNEES"), juristic entities of France and Italy, respectively, having principle places of business at 12, rue Jules Horowitz, F-38000 Grenoble, France; and at Stradale Primosole 50, I-95100 Catania, Italy, respectively, are desirous of acquiring the entire right, title, and interest in and to the invention(s), application(s), and/or any letters patent(s) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR 2 hereby sells, assigns, and transfers unto said ASSIGNEE 1 the entire right, title, and interest in and to said invention(s), said application(s), including any and all nonprovisional application(s) for letters patent claiming priority thereto, and any and all letters patent(s) which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisional, reissue, continuation, continuation-in-part, and substitute application(s) thereof, including the right to file any foreign application(s) directly in the name of ASSIGNEE 1, the name of ASSIGNEE 2, or in the names of both ASSIGNEE 1 and ASSIGNEE 2, and to claim priority rights deriving from said United States application(s) to which said foreign application(s) are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s) and any and all letters patent(s) granted therefor to be held and enjoyed by ASSIGNEE 1, its successors, and assigns as fully and entirely as same would have

been held and enjoyed by ASSIGNOR 2 had this assignment, transfer, and sale not been made;

ASSIGNOR 2 hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any and all letters patent(s) on said invention(s) to ASSIGNEE 1;

ASSIGNOR 2 hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made which would conflict with this assignment;

ASSIGNOR 2 further transfers and assigns to ASSIGNEE 1 all causes of action, rights, and remedies arising under any such application(s) for United States and/or foreign letters patent(s) on said invention(s) prior to or after the effective date of this Assignment; and

ASSIGNOR 2 agrees to execute all instruments and documents required for the making and prosecution of applications for any and all application(s) for United States and/or foreign letters patent(s) on said invention(s), for litigation regarding any and all application(s) and/or letters patent(s), and/or for the purpose of protecting title to said invention(s), application(s), and/or letters patent(s) therefor;

FURTHERMORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR 1 hereby sells, assigns, and transfers unto said ASSIGNEE 2 the entire right, title, and interest in and to said invention(s), said application(s), including any and all nonprovisional application(s) for letters patent claiming priority thereto, and any and all letters patent(s) which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisional, reissue, continuation, continuation-in-part, and substitute application(s) thereof, including the right to file any foreign application(s) directly in the name of ASSIGNEE 1, the name of ASSIGNEE 2, or in the names of both ASSIGNEE 1 and ASSIGNEE 2, and to claim priority rights deriving from said United States application(s) to which said foreign application(s) are entitled by virtue of international convention, treaty, or otherwise, said invention(s),

application(s) and any and all letters patent(s) granted therefor to be held and enjoyed by ASSIGNEE 2, its successors, and assigns as fully and entirely as same would have been held and enjoyed by ASSIGNOR 1 had this assignment, transfer, and sale not been made;

ASSIGNOR 1 hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any and all letters patent(s) on said invention(s) to ASSIGNEE 2;

ASSIGNOR 1 hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made which would conflict with this assignment;

ASSIGNOR 1 further transfers and assigns to ASSIGNEE 2 all causes of action, rights, and remedies arising under any such application(s) for United States and/or foreign letters patent(s) on said invention(s) prior to or after the effective date of this Assignment; and

ASSIGNOR 1 agrees to execute all instruments and documents required for the making and prosecution of applications for any and all application(s) for United States and/or foreign letters patent(s) on said invention(s), for litigation regarding any and all application(s) and/or letters patent(s), and/or for the purpose of protecting title to said invention(s), application(s), and/or letters patent(s) therefor.

Daniele Manganò  
Daniele MANGANO (ASSIGNOR 1)

20 September 2011  
DATE

I hereby declare that I was personally present and did see ASSIGNOR 1, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, of his/her own free will for the purpose expressed therein at the following location:

\_\_\_\_\_

WITNESS

Name: GIOVANNI STRANO

Signature: [Handwritten Signature]

Ignazio Urzi  
Ignazio Antonino URZI (ASSIGNOR 2)

20 September 2011  
DATE

I hereby declare that I was personally present and did see ASSIGNOR 2, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, of his/her own free will for the purpose expressed therein at the following location:

\_\_\_\_\_

WITNESS

Name: GIOVANNI STRANO

Signature: [Handwritten Signature]