

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michele Palmieri	11/20/2009
Gaetano Panvini	11/30/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STMicroelectronics S.r.l.
<b>Street Address:</b>	Via C. Olivetti, 2
<b>City:</b>	Agrate Brianza
<b>State/Country:</b>	ITALY
<b>Postal Code:</b>	20041
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12648226
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)427-5099
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	713-427-5007
<b>Email:</b>	d.paul.lilly@bakernet.com
<b>Correspondent Name:</b>	Tamsen Valoir
<b>Address Line 1:</b>	711 Louisiana, Suite 3400
<b>Address Line 2:</b>	Baker & McKenzie LLP
<b>Address Line 4:</b>	Houston, TEXAS 77002
<b>ATTORNEY DOCKET NUMBER:</b>	31175803-025001
<b>NAME OF SUBMITTER:</b>	Tamsen Valoir, Ph.D.

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Total Attachments: 3  
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 REEL: 023730 FRAME: 0767**



## ASSIGNMENT

WHEREAS, we, Michele PALMIERI and Gaetano PANVINI (hereinafter referred to as ASSIGNORS), having a mailing address of Via P.C. Vismara, 125, Agrate Brianza, Italy 20041, and Via Paola Liov, 3, Catania, Italy 95123, respectively, are joint inventors of an invention entitled "MICROREACTOR WITH VENT CHANNELS FOR REMOVING AIR FROM A REACTION CHAMBER," as described and claimed in U.S. Application Serial No. 12/648226 filed December 28, 2009. This application claims the benefit of Italian Patent Application No. TO2008A001000 filed December 29, 2008.

WHEREAS, STMicroelectronics S.r.l. (hereinafter referred to as ASSIGNEE), a corporation of Italy having a place of business at Via C. Olivetti, 2, Agrate Brianza, Italy, 20041, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent 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 hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention,

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application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

FURTHER Assignors hereby grant Baker & McKenzie LLP the power to perfect and record this assignment and to insert any further patent identification that may be necessary or desirable in order to record this assignment.

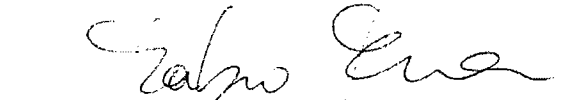
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Michele PALMIERI

  
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Witness

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Gaetano PANVINI

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application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

FURTHER Assignors hereby grant Baker & McKenzie LLP the power to perfect and record this assignment and to insert any further patent identification that may be necessary or desirable in order to record this assignment.

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Date

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Michele PALMIERI

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Date

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Witness

30 Nov 2009

Date

Gaetano Panvini  
Gaetano PANVINI

01 DEC 2009

Date

Jean-Pierre Mantelben  
Witness

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