

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Pierre Bar</td> <td>04/22/2013</td> </tr> <tr> <td>Jean-Francois Carpentier</td> <td>04/23/2013</td> </tr> <tr> <td>Laurent Dussopt</td> <td>04/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Pierre Bar	04/22/2013	Jean-Francois Carpentier	04/23/2013	Laurent Dussopt	04/19/2013				
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<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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CORRESPONDENCE DATA													
Fax Number:	6176468646												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	6176468000												
Email:	jbergantino@wolfgreenfield.com												
Correspondent Name:	James H. Morris												
Address Line 1:	600 Atlantic Avenue												

OP \$40.00 13920237

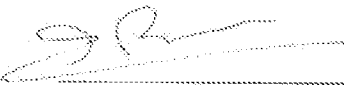
Address Line 4: Boston, MASSACHUSETTS 02210	
ATTORNEY DOCKET NUMBER:	S1022.71816US00
NAME OF SUBMITTER:	Jo-Ann Bergantino
Signature:	/Jo-Ann Bergantino/
Date:	08/05/2013
Total Attachments: 4 source=S102271816US00-ASI-JHM#page1.tif source=S102271816US00-ASI-JHM#page2.tif source=S102271816US00-ASI-JHM#page3.tif source=S102271816US00-ASI-JHM#page4.tif	

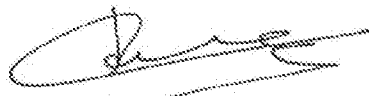
ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to STMicroelectronics S.A., having a place of business at 29, Boulevard Romain Rolland, 92120 Montrouge, FRANCE, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent, bearing Attorney Docket No. S1022.71816US00, and entitled THREE DIMENSIONAL INTEGRATED STRUCTURE COMPRISING AN ANTENNA, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

Date: 22/04/2013 Signature: 
Pierre Bar

Date: 23/04/2013 Signature: 
Jean-François Carpentier


ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Commissariat à l'Énergie Atomique et aux Énergies Alternatives, having a place of business at Bâtiment Le Ponant D; 25 Rue Leblanc, 75015 Paris, FRANCE, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent, bearing Attorney Docket No. S1022.71816US00, and entitled THREE DIMENSIONAL INTEGRATED STRUCTURE COMPRISING AN ANTENNA, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

Date: 10/04/2013 Signature:



Laurent Dussopt