

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3260000

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | CORRECTIVE ASSIGNMENT   |
| <b>NATURE OF CONVEYANCE:</b>  | Corrective Assignment to correct the REMOVE 2 IMPROPERLY LISTED INVENTORS (PUCHADES AND ROSSINI); CORRECT SIGNATURE DATE FOR HIRIGOYEN TO MAY 3, 2013 previously recorded on Reel 030634 Frame 0678. Assignor(s) hereby confirms the 2 INVENTORS (PUCHADES AND ROSSINI) IMPROPERLY LISTED; HIRIGOYEN SIGNATURE DATE OF MARCH 5, 2013 IS IN ERROR. |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>   |
| MICHEL MARTY  | 04/03/2013  |
| FLAVIEN HIRIGOYEN   | 05/03/2013  |
| HELENE WEHBE-ALAUSE   | 04/30/2013  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | STMICROELECTRONICS SA   |
| <b>Street Address:</b>  | 29, BOULEVARD ROMAIN ROLLAND  |
| <b>City:</b>  | MONTRouGE   |
| <b>State/Country:</b>   | FRANCE  |
| <b>Postal Code:</b>   | 92120   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| <b>Application Number:</b>  | 13920206  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (214)999-3514   |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 2149993000  |
| <b>Email:</b>   | rmcgee@gardere.com  |
| <b>Correspondent Name:</b>  | GARDERE WYNNE SEWELL LLP  |
| <b>Address Line 1:</b>  | 1601 ELM STREET, SUITE 3000   |
| <b>Address Line 4:</b>  | DALLAS, TEXAS 75201   |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 138262-1033   |
| <b>NAME OF SUBMITTER:</b>   | ANDRE M. SZUWALSKI  |
| <b>SIGNATURE:</b>   | /Andre M. Szuwalski/  |
| <b>DATE SIGNED:</b>   | 03/11/2015  |
| <b>Total Attachments: 6</b>   |   |

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## 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>Michel Marty</td> <td>04/03/2013</td> </tr> <tr> <td>Flavien Hirigoyen</td> <td>03/05/2013</td> </tr> <tr> <td>Helene Wehbe-Alause</td> <td>04/30/2013</td> </tr> <tr> <td><del>Josep Segura Puchades</del></td> <td><del>05/03/2013</del></td> </tr> <tr> <td><del>Umberto Rossini</del></td> <td><del>05/14/2013</del></td> </tr> </tbody> </table> |                                | Name          | Execution Date | Michel Marty        | 04/03/2013 | Flavien Hirigoyen | 03/05/2013 | Helene Wehbe-Alause | 04/30/2013 | <del>Josep Segura Puchades</del> | <del>05/03/2013</del> | <del>Umberto Rossini</del> | <del>05/14/2013</del> |
| Name  | Execution Date                 |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Michel Marty  | 04/03/2013                     |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Flavien Hirigoyen   | 03/05/2013                     |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Helene Wehbe-Alause   | 04/30/2013                     |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| <del>Josep Segura Puchades</del>  | <del>05/03/2013</del>          |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| <del>Umberto Rossini</del>  | <del>05/14/2013</del>          |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| RECEIVING PARTY DATA  |                                |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Name:   | STMicroelectronics S.A.        |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Street Address:   | 29, Boulevard Romain Rolland   |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| City:   | Montrouge                      |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| State/Country:  | FRANCE                         |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Postal Code:  | 92120                          |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| 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>13920206</td> </tr> </tbody> </table>   |                                | Property Type | Number         | Application Number: | 13920206   |                   |            |                     |            |                                  |                       |                            |                       |
| Property Type   | Number                         |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Application Number:   | 13920206                       |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| 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            |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Address Line 4:   | Boston, MASSACHUSETTS 02210    |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| ATTORNEY DOCKET NUMBER:   | S1022.71801US00                |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| NAME OF SUBMITTER:  | Jo-Ann Bergantino              |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |
| Signature:  | /Jo-Ann Bergantino/            |               |                |                     |            |                   |            |                     |            |                                  |                       |                            |                       |

OP \$40.00 13920206

# ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assigner, 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 filed Concurrently Herewith, bearing Attorney Docket No. S1022.71801US00, and entitled NANOPROJECTOR PANNEL FORMED OF AN ARRAY OF LIQUID CRYSTAL CELLS, 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.

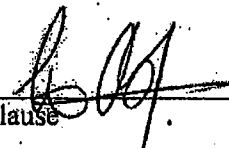
Date: April 3rd, 2013 Signature: \_\_\_\_\_

  
Michel Marty

Date: \_\_\_\_\_ Signature: \_\_\_\_\_


Flavien Hirigoyen

Date: April 3rd, 2013 Signature: \_\_\_\_\_

  
Hélène Wehbe-Alaoui

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

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Michel Marty

Date: 03/05/2013 Signature:   
Flavien Hirigoyen

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Hélène Weibe-Alause