

## 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>Valentin Kosenko</td> <td>08/23/2012</td> </tr> <tr> <td>Edward Lee McBain</td> <td>08/23/2012</td> </tr> <tr> <td>Sergey Savastiouk</td> <td>08/24/2012</td> </tr> </tbody> </table>  |                        | Name          | Execution Date | Valentin Kosenko    | 08/23/2012             | Edward Lee McBain | 08/23/2012 | Sergey Savastiouk | 08/24/2012 |              |       |
| Name   | Execution Date         |               |                |                     |                        |                   |            |                   |            |              |       |
| Valentin Kosenko   | 08/23/2012             |               |                |                     |                        |                   |            |                   |            |              |       |
| Edward Lee McBain  | 08/23/2012             |               |                |                     |                        |                   |            |                   |            |              |       |
| Sergey Savastiouk  | 08/24/2012             |               |                |                     |                        |                   |            |                   |            |              |       |
| RECEIVING PARTY DATA   |                        |               |                |                     |                        |                   |            |                   |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>ALLVIA, INC.</td> </tr> <tr> <td>Street Address:</td> <td>657 N. Pastoria Avenue</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085</td> </tr> </table>  |                        | Name:         | ALLVIA, INC.   | Street Address:     | 657 N. Pastoria Avenue | City:             | Sunnyvale  | State/Country:    | CALIFORNIA | Postal Code: | 94085 |
| Name:  | ALLVIA, INC.           |               |                |                     |                        |                   |            |                   |            |              |       |
| Street Address:  | 657 N. Pastoria Avenue |               |                |                     |                        |                   |            |                   |            |              |       |
| City:  | Sunnyvale              |               |                |                     |                        |                   |            |                   |            |              |       |
| State/Country:   | CALIFORNIA             |               |                |                     |                        |                   |            |                   |            |              |       |
| Postal Code:   | 94085                  |               |                |                     |                        |                   |            |                   |            |              |       |
| 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>13454713</td> </tr> </tbody> </table>  |                        | Property Type | Number         | Application Number: | 13454713               |                   |            |                   |            |              |       |
| Property Type  | Number                 |               |                |                     |                        |                   |            |                   |            |              |       |
| Application Number:  | 13454713               |               |                |                     |                        |                   |            |                   |            |              |       |
| CORRESPONDENCE DATA  |                        |               |                |                     |                        |                   |            |                   |            |              |       |
| <p>Fax Number: 2142000853<br/>         Phone: 214-651-5000<br/>         Email: ipdocketing@haynesboone.com<br/> <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: HAYNES AND BOONE, LLP IP Section<br/>         Address Line 1: 2323 Victory Avenue<br/>         Address Line 2: Suite 700<br/>         Address Line 4: Dallas, TEXAS 75219</p> |                        |               |                |                     |                        |                   |            |                   |            |              |       |
| ATTORNEY DOCKET NUMBER:  | 48259.3                |               |                |                     |                        |                   |            |                   |            |              |       |
| NAME OF SUBMITTER:   | Jeannie M. Ha          |               |                |                     |                        |                   |            |                   |            |              |       |
| Total Attachments: 2<br>source=48259-3AssignmentAllvia#page1.tif<br>source=48259-3AssignmentAllvia#page2.tif   |                        |               |                |                     |                        |                   |            |                   |            |              |       |

OP \$40.00 13454713

### ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Valentin Kosenko of Mountain View, California  
Edward Lee McBain of Scottsdale, Arizona  
Sergey Savastiouk of Saratoga, California

hereby sell, assign and transfer to **ALLVIA, Inc.**, a California corporation, having a place of business at 657 N. Pastoria Avenue, Sunnyvale, California 94085, its successors and assigns, the entire right, title and interest throughout the world in our invention in

### STRUCTURES FORMED USING MONOCRYSTALLINE SILICON AND/OR OTHER MATERIALS FOR OPTICAL AND OTHER APPLICATIONS

for which we filed a United States patent application on April 24, 2012 which now has Serial No. 13/454,713 and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23 day of August, 2012.

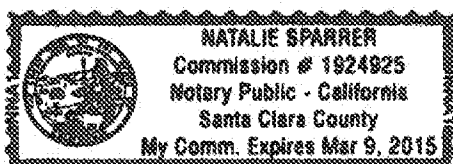
Valentin Kosenko

State of CALIFORNIA

County of SANTA CLARA

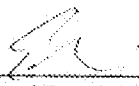
On August 23 2012, before me, Natalie Sparren Notary Public, personally appeared Valentin Kosenko personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Natalie Sparren  
Signature of NOTARY

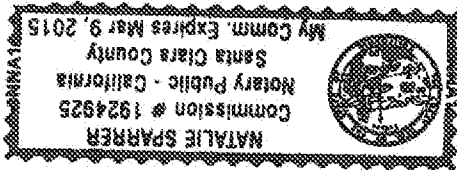
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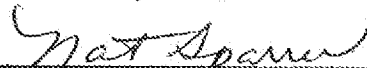
  
Edward Lee McBain

State of CALIFORNIA )  
          SANTA ) ss  
County of CLARA )

On August 23 2012, before me, Natalie Sparrer, Notary Public (Edward) personally appeared ED MCBAIN personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

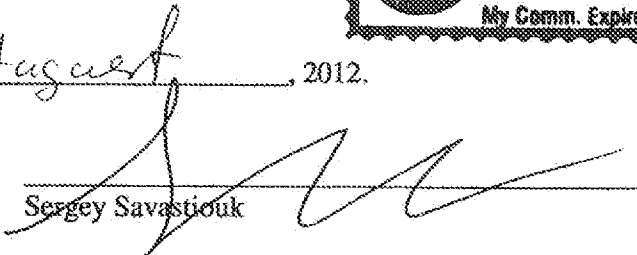
WITNESS my hand and official seal.



  
Signature of NOTARY



Executed this 24 day of August, 2012.

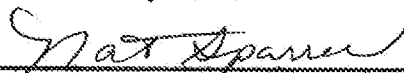
  
Sergey Savastouk

State of CALIFORNIA )  
          SANTA ) ss  
County of CLARA )

On August 24 2012, before me, Natalie Sparrer, Notary Public personally appeared SERGEY SAVASTOUK personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Signature of NOTARY