

## 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>Zvi Or-Bach</td> <td>07/30/2012</td> </tr> <tr> <td>Deepak Sekar</td> <td>07/30/2012</td> </tr> <tr> <td>Brian Cronquist</td> <td>07/30/2012</td> </tr> </tbody> </table>                       |                     | Name          | Execution Date     | Zvi Or-Bach         | 07/30/2012          | Deepak Sekar | 07/30/2012 | Brian Cronquist | 07/30/2012 |              |       |
| Name  | Execution Date      |               |                    |                     |                     |              |            |                 |            |              |       |
| Zvi Or-Bach   | 07/30/2012          |               |                    |                     |                     |              |            |                 |            |              |       |
| Deepak Sekar  | 07/30/2012          |               |                    |                     |                     |              |            |                 |            |              |       |
| Brian Cronquist   | 07/30/2012          |               |                    |                     |                     |              |            |                 |            |              |       |
| RECEIVING PARTY DATA  |                     |               |                    |                     |                     |              |            |                 |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>Monolithic 3D Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3555 Woodford Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95124</td> </tr> </table> |                     | Name:         | Monolithic 3D Inc. | Street Address:     | 3555 Woodford Drive | City:        | San Jose   | State/Country:  | CALIFORNIA | Postal Code: | 95124 |
| Name:   | Monolithic 3D Inc.  |               |                    |                     |                     |              |            |                 |            |              |       |
| Street Address:   | 3555 Woodford Drive |               |                    |                     |                     |              |            |                 |            |              |       |
| City:   | San Jose            |               |                    |                     |                     |              |            |                 |            |              |       |
| State/Country:  | CALIFORNIA          |               |                    |                     |                     |              |            |                 |            |              |       |
| Postal Code:  | 95124               |               |                    |                     |                     |              |            |                 |            |              |       |
| 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>13555152</td> </tr> </tbody> </table>   |                     | Property Type | Number             | Application Number: | 13555152            |              |            |                 |            |              |       |
| Property Type   | Number              |               |                    |                     |                     |              |            |                 |            |              |       |
| Application Number:   | 13555152            |               |                    |                     |                     |              |            |                 |            |              |       |
| CORRESPONDENCE DATA   |                     |               |                    |                     |                     |              |            |                 |            |              |       |
| <p>Fax Number:<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: Brian@Monolithic3D.com</p> <p>Correspondent Name: Brian Cronquist</p> <p>Address Line 1: 3555 Woodford Drive</p> <p>Address Line 4: San Jose, CALIFORNIA 95124</p>             |                     |               |                    |                     |                     |              |            |                 |            |              |       |
| ATTORNEY DOCKET NUMBER:   | MONOLITHIC 015-HR2  |               |                    |                     |                     |              |            |                 |            |              |       |
| NAME OF SUBMITTER:  | Brian Cronquist     |               |                    |                     |                     |              |            |                 |            |              |       |
| <p>Total Attachments: 3</p> <p>source=-HR2 Assignment Zvi#page1.tif</p> <p>source=-HR2 Assignment Deepak#page1.tif</p> <p>source=-HR2 Assignment Brian#page1.tif</p>  |                     |               |                    |                     |                     |              |            |                 |            |              |       |

OP \$40.00 13555152

ASSIGNMENT

Whereas, I, Zvi Or-Bach (hereinafter referred to as Assignor(s)), residing in San Jose, California; have made a certain invention, and executed United States Patent Application entitled:

Semiconductor Device and Structure for Heat Removal

as described in U.S. Patent Application Serial No. 13/555,152 and filed on July 22, 2012; and

Whereas, Monolithic 3D™ Inc., a company located at 3555 Woodford Drive, San Jose, California 95124 (hereinafter called "Assignee"), desires to acquire the entire right, title, and

interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated

Countries").

Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named

Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or

utility model registrations in the Designated Countries as regards the United States application

and the invention disclosed therein (including rights of priority based on the United States

application), and I/we will execute without further consideration all papers deemed necessary by

the Assignee in connection with such applications, patents and/or utility model registrations in

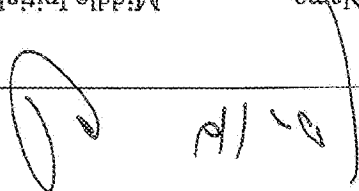
the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

INVENTOR:

DATE on 7/30/12

|           |  |                |
|-----------|--|----------------|
| (Zvi      |  | First Name     |
| Or-Bach)  |  | Middle Initial |
| Last Name |  | Last Name      |



NUPGA-HR2

ASSIGNMENT

Whereas, I, Deepak Sekar (hereinafter referred to as Assignor(s)), residing in San Jose, California; have made a certain invention, and executed United States Patent Application entitled: Semiconductor Device and Structure for Heat Removal as described in U.S. Patent Application Serial No. 13/555,152 and filed on July 22, 2012; and

Whereas, Monolith3D Inc., a company located at 3555 Woodford Drive, San Jose, California 95124 (hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

Now therefore, for valuable consideration, receipt of which is hereby acknowledged, I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

INVENTOR:

DATE on 30<sup>th</sup> July 2012

First Name (Deepak) Deepak  
Middle Initial Sekar  
Last Name Sekar

ASSIGNMENT

Whereas, I, **Brian Cronquist** (hereinafter referred to as Assignor(s)), residing in **San Jose, California**; have made a certain invention, and executed United States Patent Application entitled:

**Semiconductor Device and Structure for Heat Removal**

as described in U.S. Patent Application Serial No. 13/555,152 and filed on July 22, 2012; and

Whereas, **MonolithiC 3D™ Inc.**, a company located at 3555 Woodford Drive, San Jose, California 95124 (hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

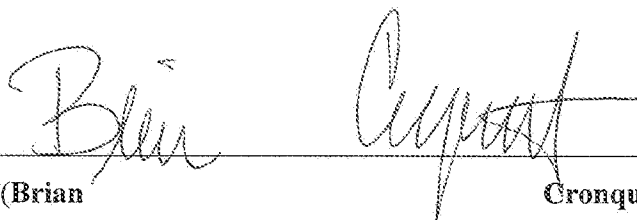
Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

INVENTOR:

DATE on 30 July 12

|  |                |            |
|--|----------------|------------|
|  |                |            |
| (Brian   |                | Cronquist) |
| First Name   | Middle Initial | Last Name  |