

## PATENT ASSIGNMENT

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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>Horst Arnold Mueller</td> <td>05/11/2012</td> </tr> <tr> <td>Ryan Eric Martin</td> <td>05/11/2012</td> </tr> <tr> <td>Robert K. Rowe</td> <td>05/11/2012</td> </tr> </tbody> </table> |                                 | Name          | Execution Date | Horst Arnold Mueller | 05/11/2012 | Ryan Eric Martin | 05/11/2012 | Robert K. Rowe | 05/11/2012 |
| Name  | Execution Date                  |               |                |                      |            |                  |            |                |            |
| Horst Arnold Mueller  | 05/11/2012                      |               |                |                      |            |                  |            |                |            |
| Ryan Eric Martin  | 05/11/2012                      |               |                |                      |            |                  |            |                |            |
| Robert K. Rowe  | 05/11/2012                      |               |                |                      |            |                  |            |                |            |
| RECEIVING PARTY DATA  |                                 |               |                |                      |            |                  |            |                |            |
| Name:   | LUMIDIGM, INC.                  |               |                |                      |            |                  |            |                |            |
| Street Address:   | 801 University Boulevard SE     |               |                |                      |            |                  |            |                |            |
| City:   | Albuquerque                     |               |                |                      |            |                  |            |                |            |
| State/Country:  | NEW MEXICO                      |               |                |                      |            |                  |            |                |            |
| Postal Code:  | 87106                           |               |                |                      |            |                  |            |                |            |
| 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>13443534</td> </tr> </tbody> </table>   |                                 | Property Type | Number         | Application Number:  | 13443534   |                  |            |                |            |
| Property Type   | Number                          |               |                |                      |            |                  |            |                |            |
| Application Number:   | 13443534                        |               |                |                      |            |                  |            |                |            |
| CORRESPONDENCE DATA   |                                 |               |                |                      |            |                  |            |                |            |
| Fax Number:   | (303)770-0152                   |               |                |                      |            |                  |            |                |            |
| Phone:  | (303)770-0051                   |               |                |                      |            |                  |            |                |            |
| Email:  | PTOMail@mfbllaw.com             |               |                |                      |            |                  |            |                |            |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>   |                                 |               |                |                      |            |                  |            |                |            |
| Correspondent Name:   | Patrick M. Boucher              |               |                |                      |            |                  |            |                |            |
| Address Line 1:   | MARSH FISCHMANN & BREYFOGLE LLP |               |                |                      |            |                  |            |                |            |
| Address Line 2:   | 8055 E. Tufts Avenue, Suite 450 |               |                |                      |            |                  |            |                |            |
| Address Line 4:   | Denver, COLORADO 80237          |               |                |                      |            |                  |            |                |            |
| ATTORNEY DOCKET NUMBER:   | 50654-00318                     |               |                |                      |            |                  |            |                |            |
| NAME OF SUBMITTER:  | Patrick M. Boucher              |               |                |                      |            |                  |            |                |            |
| Total Attachments: 1<br>source=Assignment_Executed_50654-00318#page1.tif  |                                 |               |                |                      |            |                  |            |                |            |

OP \$40.00 13443534

**ASSIGNMENT  
& APPOINTMENT OF COMMON REPRESENTATIVE**


WHEREAS, we, **HORST ARNOLD MUELLER** of 5432 Tecamec Road NE, Rio Rancho, New Mexico 87144, **RYAN ERIC MARTIN** of 92 Rincon Loop, Tijeras, New Mexico 87059, and **ROBERT K. ROWE** of 229 Ashely Lane, Corrales, New Mexico 87048, have invented a certain new and useful invention entitled "**OPTICAL TOPOGRAPHIC IMAGING**", for which a patent application has been prepared and filed with the U.S. Patent & Trademark Office on April 10, 2012, receiving Serial No. **13/443,534**, and further identified as Attorney File No. **50654-00318**.

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **LUMIDIGM, INC.**, a Delaware corporation having a place of business at 801 University Boulevard SE, Suite 302, Albuquerque, New Mexico 87106, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than **LUMIDIGM, INC.**; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than **LUMIDIGM, INC.**; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.


The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **LUMIDIGM, INC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we together and each individually hereby irrevocably appoint **LUMIDIGM, INC.**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: 5/11/2012 By:   
**HORST ARNOLD MUELLER**

Date: 5/11/12 By:   
**RYAN ERIC MARTIN**

Date: 5/11/12 By:   
**ROBERT K. ROWE**