

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>Bernhard Buettgen</td> <td>03/21/2013</td> </tr> <tr> <td>Michael Lehmann</td> <td>03/21/2013</td> </tr> <tr> <td>Bruno Vaello</td> <td>04/15/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Bernhard Buettgen | 03/21/2013 | Michael Lehmann | 03/21/2013 | Bruno Vaello | 04/15/2013 | | |
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| Bernhard Buettgen | 03/21/2013 | | | | | | | | | | |
| Michael Lehmann | 03/21/2013 | | | | | | | | | | |
| Bruno Vaello | 04/15/2013 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>MESA Imaging AG</td> </tr> <tr> <td>Street Address:</td> <td>Technoparkstrasse 1</td> </tr> <tr> <td>City:</td> <td>Zurich</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>8005</td> </tr> </table> | | Name: | MESA Imaging AG | Street Address: | Technoparkstrasse 1 | City: | Zurich | State/Country: | SWITZERLAND | Postal Code: | 8005 |
| Name: | MESA Imaging AG | | | | | | | | | | |
| Street Address: | Technoparkstrasse 1 | | | | | | | | | | |
| City: | Zurich | | | | | | | | | | |
| State/Country: | SWITZERLAND | | | | | | | | | | |
| Postal Code: | 8005 | | | | | | | | | | |
| 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>13847704</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13847704 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13847704 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 781-863-9991 | | | | | | | | | | |
| Email: | madison.weatherwax@houstonllp.com | | | | | | | | | | |
| Correspondent Name: | J. Grant Houston | | | | | | | | | | |
| Address Line 1: | Houston & Associates, LLP | | | | | | | | | | |
| Address Line 2: | 420 Bedford Street, Suite 155 | | | | | | | | | | |
| Address Line 4: | Lexington, MASSACHUSETTS 02420 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 0154.0036US1 | | | | | | | | | | |
| NAME OF SUBMITTER: | J. Grant Houston | | | | | | | | | | |
| Signature: | /grant houston/ | | | | | | | | | | |

Date:

05/20/2013

Total Attachments: 3

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ASSIGNMENT

Whereas we, the undersigned,

Bernhard Buettgen, a citizen of Germany, residing at Breitenstrasse 10, CH-8134 Adliswil, Switzerland;

Michael Lehmann, a citizen of Switzerland, residing at Wueflingerstrasse 149d, CH-8408 Winterthur, Switzerland;

Bruno Vaello, a citizen of Spain, residing at Kanzleistrasse 218, 8004 Zurich, Switzerland;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

PN-STRUCTURED GATE DEMODULATION PIXEL

identified as Attorney Docket No. **0154.0036US1**, which application was filed on **March 20, 2013**, and assigned Application No. **13/847,704**; and

Whereas, **MESA Imaging AG**, having an office and a place of business at Technoparkstrasse 1, 8005 Zurich, Switzerland, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed U.S. Provisional Application No. **61/613,363**, filed on **March 20, 2012**, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all

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ATTORNEY DOCKET: 0154.0036US1

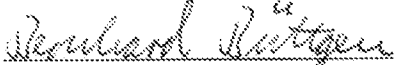
said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: 21 March 2013


.....
Bernhard Buettgen

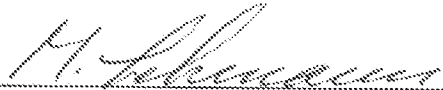
I declare that I did see the above-named individual sign this document in my presence.

Witness: Michael Richter

Date: 21.3.2013

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ATTORNEY DOCKET: 0154.0036US1

Dated: 24. March 2013



Michael Lehmann

I declare that I did see the above-named individual sign this document in my presence.

Witness: Michael Richter

Date: 24.3.2013

Dated: 15. April 2013


Bruno Vaello

I declare that I did see the above-named individual sign this document in my presence.

Witness: Zoltan Gergely

Date: 15.04.2013
