

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4176970

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOUGLAS M. DUKES	05/20/2015
ASHISH P. DIWANJI	05/21/2015
MICHAEL J. MUELLER	05/21/2015
MICHAEL MOLNAR	05/21/2015
WALTER J. SHERWOOD	07/23/2015
ANDREW R. HOPKINS	05/22/2015
MARK S. LAND	05/20/2015
BRIAN L. BENAC	05/20/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MELIOR INNOVATIONS, INC.
<b>Street Address:</b>	6002 ROGERDALE ROAD
<b>Internal Address:</b>	SUITE 175
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77072
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15348112
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)429-3902
<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>	312-577-1242
<b>Email:</b>	ipdocketing@steptoe.com,gbelvis@steptoe.com,smccrainey@steptoe.com
<b>Correspondent Name:</b>	GLEN P. BELVIS, STEPTOE & JOHNSON LLP
<b>Address Line 1:</b>	1330 CONNECTICUT AVENUE NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036
<b>ATTORNEY DOCKET NUMBER:</b>	18872,0014D1 (M14A-1)
<b>NAME OF SUBMITTER:</b>	GLEN P. BELVIS

<b>SIGNATURE:</b>	/Glen P. Belvis/
<b>DATE SIGNED:</b>	12/08/2016
<b>Total Attachments: 8</b> source=m14a-1-Assign-docfromparentcase#page1.tif source=m14a-1-Assign-docfromparentcase#page2.tif source=m14a-1-Assign-docfromparentcase#page3.tif source=m14a-1-Assign-docfromparentcase#page4.tif source=m14a-1-Assign-docfromparentcase#page5.tif source=m14a-1-Assign-docfromparentcase#page6.tif source=m14a-1-Assign-docfromparentcase#page7.tif source=m14a-1-Assign-docfromparentcase#page8.tif	

**ASSIGNMENT**

**WHEREAS, Douglas M. Dukes, Ashish P. Diwanji, Michael J. Mueller, Michael Molnar, Walter J. Sherwood, Andrew R. Hopkins, Mark S. Land, and Brian L. Benac** hereinafter called the "Assignor", has made the invention described in the United States provisional patent application entitled **BLACK CERAMIC ADDITIVES, PIGMENTS, AND FORMULATIONS**, Serial Number 14/634,828, filed on February 28, 2015;

**WHEREAS, Melior Innovations, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 6002 Rogerdale Dr., Suite 310, Houston TX, 77072 hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the inventions and the patent applications identified above, and all patents which may be obtained for said inventions, as set forth below;

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the inventions and the patent applications identified above, and any patents that may issue for said inventions in the United States; together with the entire right, title and interest in and to said inventions and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

*Douglas M. Dukes* Date: 5/20/15  
Douglas M. Dukes

Witness: *[Signature]* Date: 5/20/15

\_\_\_\_\_  
Date: \_\_\_\_\_  
Walter J. Sherwood

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_  
Andrew R. Hopkins

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_  
Mark S. Land

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

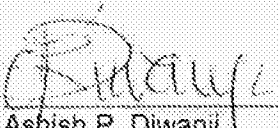
*Brian L. Benac* Date: 5/20/15  
Brian L. Benac

Witness: *[Signature]* Date: 5/20/15

The Assignor hereby covenant and agree, for both the Assignor and the Assignor' legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor have executed this agreement.

  
Ashish P. Diwanji \_\_\_\_\_ Date: 05/21/15

Witness: [Handwritten Signature] \_\_\_\_\_ Date: 05/21/15

\_\_\_\_\_  
Michael J. Mueller \_\_\_\_\_ Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Michael Molnar \_\_\_\_\_ Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Date: \_\_\_\_\_


The Assignor hereby covenant and agree, for both the Assignor and the Assignor' legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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IN TESTIMONY WHEREOF, the Assignor have executed this agreement.

\_\_\_\_\_  
Ashish P. Diwanji Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

  
\_\_\_\_\_  
Michael J. Mueller Date: 21 MAY 2015

Witness:  Date: 05/21/2015

\_\_\_\_\_  
Michael Molnar Date: \_\_\_\_\_

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

The Assignor hereby covenant and agree, for both the Assignor and the Assignor' legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the inventions identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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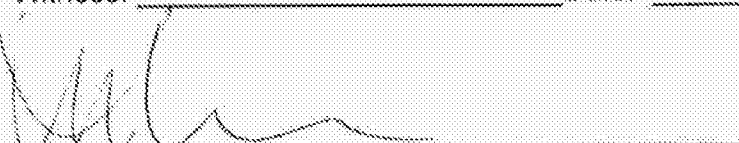
IN TESTIMONY WHEREOF, the Assignor have executed this agreement.

\_\_\_\_\_ Date: \_\_\_\_\_  
Ashish P. Diwanji

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_  
Michael J. Mueller

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

 \_\_\_\_\_ Date: May 21/2015  
Michael Molnar

Witness:  \_\_\_\_\_ Date: MAY 21/2015

IN TESTIMONY WHEREOF, the Assignor have executed this agreement.

\_\_\_\_\_  
Ashish P. Diwanji Date: \_\_\_\_\_

\_\_\_\_\_  
Michael J. Mueller Date: \_\_\_\_\_

\_\_\_\_\_  
Michael Molnar Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas M. Dukes Date: \_\_\_\_\_

*Walter J. Sherwood*  
\_\_\_\_\_  
Walter J. Sherwood Date: 7/23/2015

\_\_\_\_\_  
Andrew R. Hopkins Date: \_\_\_\_\_

\_\_\_\_\_  
Mark S. Land Date: \_\_\_\_\_

\_\_\_\_\_  
Brian L. Benac Date: \_\_\_\_\_

Witness: *Chabun Lencuso* Date: 7/23/15




\_\_\_\_\_ Date: \_\_\_\_\_  
Douglas M. Dukes

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_  
Walter J. Sherwood

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: 5/22/15  
Andrew R. Hopkins 

Witness:  Date: 5/22/15

\_\_\_\_\_ Date: \_\_\_\_\_  
Mark S. Land

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_  
Brian L. Benac

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
Douglas M. Dukes

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
Walter J. Sherwood

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
Andrew R. Hopkins

Witness: \_\_\_\_\_ Date: \_\_\_\_\_

*[Signature]*  
Date: *5/19/15*  
Mark S. Land

Witness: *[Signature]* Date: *5-20-15*

\_\_\_\_\_  
Date: \_\_\_\_\_  
Brian L. Benac

Witness: \_\_\_\_\_ Date: \_\_\_\_\_