

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marco LOPEZ</td> <td>11/23/2010</td> </tr> <tr> <td>Michael LENNARTZ</td> <td>11/26/2010</td> </tr> <tr> <td>Dan V GOIA</td> <td>08/20/2010</td> </tr> <tr> <td>Carsten BECKER</td> <td>11/23/2010</td> </tr> <tr> <td>Stephanie CHEVALLIOT</td> <td>08/24/2010</td> </tr> </tbody> </table>		Name	Execution Date	Marco LOPEZ	11/23/2010	Michael LENNARTZ	11/26/2010	Dan V GOIA	08/20/2010	Carsten BECKER	11/23/2010	Stephanie CHEVALLIOT	08/24/2010
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>UMICORE AG &amp; CO. KG</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Rodenbacher Chaussee 4</td> </tr> <tr> <td><b>City:</b></td> <td>Hanau-Wolfgang</td> </tr> <tr> <td><b>State/Country:</b></td> <td>GERMANY</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>63457</td> </tr> </table>		<b>Name:</b>	UMICORE AG & CO. KG	<b>Street Address:</b>	Rodenbacher Chaussee 4	<b>City:</b>	Hanau-Wolfgang	<b>State/Country:</b>	GERMANY	<b>Postal Code:</b>	63457		
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (212)402-1737</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: jsantalone@levinsantalone.com</p> <p>Correspondent Name: John Santalone</p> <p>Address Line 1: 2 East Ave., Suite 201</p> <p>Address Line 4: Larchmont, NEW YORK 10538</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	UMICORE 0170-US3												
<b>NAME OF SUBMITTER:</b>	John Santalone												
<p>Total Attachments: 8</p> <p>source=Assignment_12-797520#page1.tif</p>													

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**PATENT**  
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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, I (we), the undersigned, **Marco LOPEZ**, residing at Lupinenweg 18, Frankfurt, 60433, Germany; **Michael LENNARTZ**, residing at Hedderichstrasse 38, Frankfurt, 60594 Germany; **Dan V. GOIA**, residing at 16 Drumlin Drive, Potsdam, NY 13676 United States; **Carsten BECKER**, residing at Hauptstrasse 9, Niedernberg, 63843 Germany; **Stephanie CHEVALLIOT**, residing at 5 Grande Rue, Ancemont, F-55320 France:

Hereby sell, assign and transfer to **UMICORE AG & CO. KG**, having a place of business at Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang, Germany, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

**CORE / SHELL-TYPE CATALYST PARTICLES AND METHODS FOR THEIR PREPARATION**

US Application Serial No. 12/797,520, filed June 9, 2010

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions;

**Authorize** and request the Director of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions disclosed in said application;

**Agree** that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent

Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**Covenant** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**ASSIGNOR****Marco LOPEZ**Date: 23.11.2010By: 

Signature

Witness

Signature: M. FröhlichPrint Name: M. FröhlichDate: 23.11.2010Address: Helmstraße 256353869086 Frankfurt

Witness

Signature: K.A. StarzPrint Name: K.A. STARZDate: 23.11.2010Address: Hainstr. 16C63517RODENBACH

Michael LENNARTZ

Date: 26.11.2010

By: [Signature]  
Signature

Witness

Signature: [Signature]

Print Name: Wissel, Carmen

Date: 26.11.2010

Address: Schimbomei Str. 10  
D-63776 Hemleben  
Germany

Witness

Signature: [Signature]

Print Name: K.A. STARZ

Date: 26.11.10

Address: Hainstraße 16c  
D-63517 Rodenbach  
Germany

Dan V. GOIA

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

By: \_\_\_\_\_  
Signature

Witness

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

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

Address: \_\_\_\_\_  
\_\_\_\_\_  
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Signature: \_\_\_\_\_

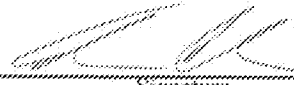
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Carsten BECKER

Date: 23.11.10

By:   
Signature

Witness

Signature: M. Fröhlich

Print Name: M. Fröhlich

Date: November 23, 2010

Address: Melmsdorf 25  
63538  
Großbröckeburg

Witness

Signature: U.A. Starz

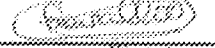
Print Name: U.A. STARZ

Date: 23.11.2010


Address: Hainstr. 16c  
63547  
Rodenbach

Stephanie CHEVALLIOT

Date: 24/08/10

By:   
Signature

Witness

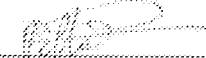
Signature: 

Print Name: LOMBARDT Talane

Date: 24/08/2010

Address: 24 Rue de Battenfeld  
6320 Dieuze, Moselle

Witness

Signature: 

Print Name: PILLET Christelle

Date: 24/08/10

Address: 22 rue Siniroc  
54443 BLENOY-les-Tours

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Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

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**ASSIGNOR**

**Marco LOPEZ**

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

By: \_\_\_\_\_  
Signature

Witness

Witness

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Print Name: \_\_\_\_\_

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

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Address: \_\_\_\_\_  
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Michael LENNARTZ

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

By: \_\_\_\_\_  
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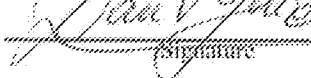
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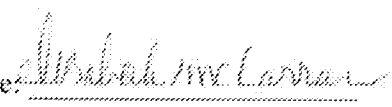
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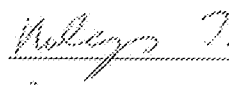
Date: 08/20/2010

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Signature: 

Signature: 

Print Name: Elizabeth J. McCarran

Print Name: RONEL KALACUBA

Date: 08/20/2010

Date: 08/20/2010

Address: 1006 Lacquette Rd.

Address: 420 MAY RD.

Potsdam NY 13676

POTSDAM, NY 13676

USA

USA

**Carsten BECKER**

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

By: \_\_\_\_\_  
Signature

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Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

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**Stephanie CHEVALLIOT**

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

By: \_\_\_\_\_  
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