

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dieter Lindner</td> <td>01/22/2009</td> </tr> <tr> <td>Martin Roesch</td> <td>01/22/2009</td> </tr> <tr> <td>Raoul Klingmann</td> <td>04/03/2009</td> </tr> <tr> <td>Anke Wolf</td> <td>03/05/2009</td> </tr> <tr> <td>Joerg-Michael Richter</td> <td>01/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	Dieter Lindner	01/22/2009	Martin Roesch	01/22/2009	Raoul Klingmann	04/03/2009	Anke Wolf	03/05/2009	Joerg-Michael Richter	01/22/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Umicore AG & CO. KG</td> </tr> <tr> <td>Street Address:</td> <td>Rodenbacher Chaussee 4</td> </tr> <tr> <td>City:</td> <td>Hanau-Wolfgang</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>63457</td> </tr> </table>		Name:	Umicore AG & CO. KG	Street Address:	Rodenbacher Chaussee 4	City:	Hanau-Wolfgang	State/Country:	GERMANY	Postal Code:	63457		
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CORRESPONDENCE DATA													
<p>Fax Number: (404)685-6948 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 404-815-3500 Email: wmartin@sgrlaw.com Correspondent Name: SMITH, GAMBRELL & RUSSELL, LLP Address Line 1: 1230 Peachtree Street, N.E. Address Line 2: Suite 3100, Promenade II Address Line 4: Atlanta, GEORGIA 30309</p>													
ATTORNEY DOCKET NUMBER:	034166.093												
NAME OF SUBMITTER:	Wilsa N. Martin												

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 REEL: 022798 FRAME: 0090

Total Attachments: 2
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ASSIGNMENT

This Assignment agreement is applicable to an invention entitled:

THREE-WAY CATALYST

The PATENT RIGHTS referred to in this agreement are the invention(s) set forth in:

- (check one) ☐ a patent application about to be filed in the United States Patent and Trademark Office.
☐ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
☐ U.S. Provisional Patent Application No. _____, filed _____
☒ a U.S. patent application based on PCT International Application No. PCT/EP2007/005661 filed on (date) June 27, 2007 (U.S. patent application Serial No. 12/305,830, if known).
☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include the invention(s) set forth in all corresponding provisionals, non-provisionals, divisions, reissues, continuations and extensions of the patent application identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☐ U.S. patent rights only.
☒ Worldwide patent rights, including the right of assignee to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is/are the inventor(s) whose signature(s) appears on page 2 of this Assignment.

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) UMICORE AG & CO. KG

(Address) Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang, GERMANY

The ASSIGNEE is:

- (check one) ☐ An Individual.
☐ A Partnership.
☒ A Corporation of Germany (specify state or country)
☐ (other) _____

In consideration of the premises hereof, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNOR(S) hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and,
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Application Number and filing date in this document after it has been executed.

Dieter LINDNER

D. Lindner
Signature

Jan 22, 2009
Date

Martin ROESCH

M. Roesch
Signature

Jan 22, 2009
Date

Raoul KLINGMANN

R. Klingmann
Signature

April 03, 2009
Date

Anke WOLF

A. Wolf
Signature

March 05, 2009
Date

Joerg-Michael RICHTER

J. Richter
Signature

Jan 22, 2009
Date

LIT/1059476

PATENT