

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephan Eckhoff	10/14/2009
Meike Wittrock	01/22/2010
Ulrich Goebel	10/19/2009
Ina Grisstede	10/27/2009
Ruediger Hoyer	10/13/2009
Wilfried Mueller	10/14/2009
Thomas Kreuzer	10/30/2009
Maria Cristina Casapu	01/15/2010
Jan-Dierk Grunwaldt	12/15/2009
Marek Maciejewski	11/12/2009
Alfons Baiker	11/28/2009

RECEIVING PARTY DATA

Name:	Umicore AG & CO. KG
Street Address:	Rodenbacher Chaussee 4
City:	Hanau-Wolfgang
State/Country:	GERMANY
Postal Code:	D-63457

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12599411

CORRESPONDENCE DATA

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OP \$40.00 12599411

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ATTORNEY DOCKET NUMBER:	034166.112
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NAME OF SUBMITTER:	Robert G. Weilacher
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Total Attachments: 2 source=034166112assmt#page1.tif source=034166112assmt#page2.tif
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ASSIGNMENT

This Assignment agreement is applicable to an invention entitled:

**DUAL-STAGE METHOD FOR THE REACTIVATION OF
THERMALLY AGED NITROGEN OXIDE STORAGE CATALYSTS**

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 U.S. Patent Application based on International Application No. PCT/EP2008/054583
filed on April 16, 2008.
 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, D-63457 Hanau-Wolfgang, GERMANY

The ASSIGNEE is:

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

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


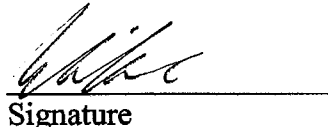
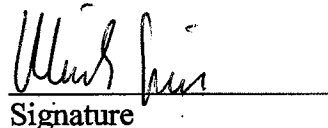
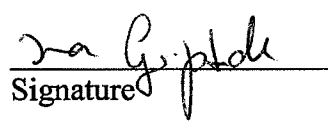
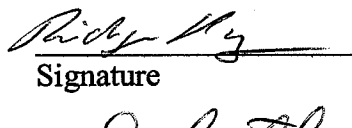
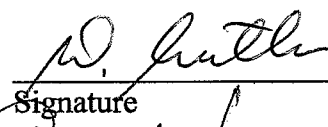
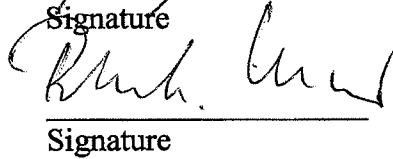
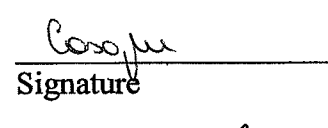

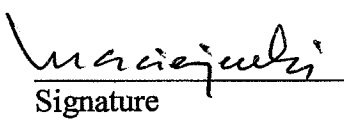

ASSIGNEE, its successors and assigns:

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.

<u>Stephan ECKHOFF</u>	 Signature	<u>14.10.2009</u> Date
<u>Meike WITTRICK</u>	 Signature	<u>22.11.2010</u> Date
<u>Ulrich GOEBEL</u>	 Signature	<u>19.10.09</u> Date
<u>Ina GRISSTEDE</u>	 Signature	<u>27.10.09</u> Date
<u>Ruediger HOYER</u>	 Signature	<u>13.10.'09</u> Date
<u>Wilfried MUELLER</u>	 Signature	<u>14.10.09</u> Date
<u>Thomas KREUZER</u>	 Signature	<u>30.10.09</u> Date
<u>Maria Cristina CASAPU</u>	 Signature	<u>15.01.2010</u> Date
<u>Jan-Dierk GRUNWALDT</u>	 Signature	<u>15.12.2009</u> Date
<u>Marck MACIEJEWSKI</u>	 Signature	<u>12.11.2009</u> Date
<u>Alfons BAIKER</u>	 Signature	<u>28.11.09</u> Date