

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2756339

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>MARTIN ROESCH</td> <td>01/31/2014</td> </tr> <tr> <td>MARTIN VOTSMEIER</td> <td>01/31/2014</td> </tr> <tr> <td>RALF MOOS</td> <td>12/19/2013</td> </tr> <tr> <td>GERHARD FISCHERAUER</td> <td>01/31/2014</td> </tr> <tr> <td>GUNTER HAGEN</td> <td>12/17/2013</td> </tr> <tr> <td>SEBASTIAN REISS</td> <td>01/02/2014</td> </tr> </tbody> </table>		Name	Execution Date	MARTIN ROESCH	01/31/2014	MARTIN VOTSMEIER	01/31/2014	RALF MOOS	12/19/2013	GERHARD FISCHERAUER	01/31/2014	GUNTER HAGEN	12/17/2013	SEBASTIAN REISS	01/02/2014
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>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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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>14232790</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14232790										
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Application Number:	14232790														
CORRESPONDENCE DATA															
Fax Number:	(202)263-4329														
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	034166 R 224														

NAME OF SUBMITTER:	DENNIS C. RODGERS
Signature:	/DENNIS C. RODGERS/
Date:	03/06/2014
<p>Total Attachments: 10</p> <p>source=14232790_ASSIGNMENTS#page1.tif</p> <p>source=14232790_ASSIGNMENTS#page2.tif</p> <p>source=14232790_ASSIGNMENTS#page3.tif</p> <p>source=14232790_ASSIGNMENTS#page4.tif</p> <p>source=14232790_ASSIGNMENTS#page5.tif</p> <p>source=14232790_ASSIGNMENTS#page6.tif</p> <p>source=14232790_ASSIGNMENTS#page7.tif</p> <p>source=14232790_ASSIGNMENTS#page8.tif</p> <p>source=14232790_ASSIGNMENTS#page9.tif</p> <p>source=14232790_ASSIGNMENTS#page10.tif</p>	

ASSIGNMENT

This assignment agreement is applicable to an invention entitled
METHOD FOR CONDITION DETERMINATION OF AN EXHAUST-GAS
PURIFICATION SYSTEM

The PATENT PROPERTY referred to in this agreement is:
(check one)

- ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- ☐ U.S. Patent Application Serial No. _____ filed _____ (date).
- ☐ a U.S. Patent Application based on
PCT International Application No. _____ filed on _____
(U.S. Application Serial No. _____ if known).
- ☐ U.S. Patent No. _____, issued _____ (date).

The PATENT PROPERTY also includes all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT PROPERTY assigned under this agreement is:
(check one)

- ☒ U.S. patent property only.
- ☐ Worldwide patent property. In this case, the ASSIGNEE shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The term ENTIRE PATENT RIGHTS identifies the following rights:
the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT PROPERTY;
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.

The ASSIGNOR(S) referred to in this agreement is identified on page 2 of this Assignment.

The following ASSIGNEE is the recipient of the entire rights assigned herein:

UMICORE AG & CO. KG
Rodenbacher Chaussee 4,
63457 Hanau-Wolfgang, Germany

Inventors-to-Assignee

This ASSIGNEE is:

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

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign to the ASSIGNEE, its successors and assigns, the ENTIRE PATENT RIGHTS.

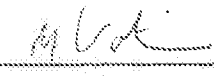
As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the right, title and interest, for the use and enjoyment of said ASSIGNEE, its successors and assigns.

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

Signature: 
Name: Martin ROESCH

Date: 31.1.2014

Signature: 
Name: Martin VOTSMEIER

Date: 31.1.2014

Signature: _____
Name: Ralf MOOS

Date: _____

SGR/9114951.1

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Signature: _____

Date: _____

Name: Martin ROESCH

Signature: _____

Date: _____

Name: Martin VOTSMEIER

Signature:  _____

Date: Dec / 19 / 2013

Name: Ralf MOOS

SGR/9114951.1

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Signature: _____

Date: _____

Name: Gerhard FISCHERAUER

Signature: _____

Date: _____

Name: Gunter HAGEN

Signature: _____

Date: _____

Name: Sebastian REISS

8038/0114951 5

GESAMT SEITEN 03

PATENT

REEL: 032368 FRAME: 0014

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Inventors-to-Assignee

Signature: _____

Date: _____

Name: Gerhard FISCHERAUER

Signature:  _____

Date: 17.12.2013

Name: Gunter HAGEN

Signature: _____

Date: _____

Name: Sebastian REISS

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Signature: 

Date: 02.01.2014

Name: Sebastian REISS