

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3052299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RUEDIGER HOYER	09/17/2014
ANKE SCHULER	09/17/2014
STEFAN FRANOSCHEK	09/24/2014
THOMAS R. PAULY	09/29/2014
GERALD JESKE	09/25/2014
RECEIVING PARTY DATA	
Name:	UMICORE AG & CO. KG
Street Address:	RODENBACHER CHAUSSEE 4
City:	HANAU
State/Country:	GERMANY
Postal Code:	63457
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14390765
CORRESPONDENCE DATA	
Fax Number:	(202)263-4329
<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>	
Phone:	2022634300
Email:	wdcdocketing@sgrlaw.com
Correspondent Name:	SMITH, GAMBRELL & RUSSELL, LLP
Address Line 1:	1055 THOMAS JEFFERSON STREET
Address Line 2:	SUITE 400
Address Line 4:	WASHINGTON, D.C. 20007
ATTORNEY DOCKET NUMBER:	034166 R 236
NAME OF SUBMITTER:	DENNIS C. RODGERS
SIGNATURE:	/Dennis C. Rodgers/
DATE SIGNED:	10/03/2014
Total Attachments: 6	
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Inventors-to-Assignee

ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

METHOD FOR REMOVING CARBON MONOXIDE AND HYDROCARBONS FROM THE EXHAUST GAS OF
LEAN-BURN INTERNAL COMBUSTION ENGINES

(Title)

and which is found in (check one):

- ☐ A patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment (U.S. Application No. _____);
- ☐ U.S. Patent Application No. __, filed __;
- ☒ A U.S. Patent Application based on PCT International Application No. PCT/EP2013/056360 filed on 26 March 2013 (U.S. Application No. TBA);
- ☐ PCT International Application No. __ filed on __ (U.S. Application No. _____ and/or _____);
- ☐ U.S. Patent No. __, issued __ (date).

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

- ☒ U.S. Patent Property only: The entire right, title and interest for the United States and its territorial possessions in and to the invention identified above, any and all improvements thereof, the right to claim priority including the right to claim priority to any earlier patent applications for said invention, and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. 111(a), or substitute thereof, and any reissue, reexamination, or extension of said Letters Patent, and the right to sue and recover for any past infringement, the right to file and/or prosecute any applications for said invention as Applicant, and the right to have said Letters Patent issue with the Assignee as named Applicant, or
- ☐ Worldwide Patent Property: The entire right, title and interest for the United States and its territorial possessions and in all foreign countries in and to the invention identified above, any and all improvements thereof, and any legal equivalent thereof in a foreign country, the right to claim priority including the right to claim priority to any earlier patent applications for said invention, and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. 111(a), or substitute thereof, and any reissue, reexamination, or extension of said Letters Patent, and all rights under all International Conventions for the Protection of Industrial Property, and the right to sue and recover for any past infringement, and where applicable, the right to file and/or prosecute any applications for said invention as Applicant and/or the right to have said Letters Patent issue with the Assignee as named Applicant.

The following ASSIGNEE is the recipient of the PATENT PROPERTY:

SGR/12314080.1

Umicore AG & Co. KG
Rodenbacher Chaussee 4
Hanau, GERMANY
63457

This ASSIGNEE is (check one):

- ☐ An Individual;
- ☐ A Partnership;
- ☒ A Corporation/Entity of DE (specify state or country); or
- ☐ (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 sells, assigns and transfers to the ASSIGNEE, its successors, assigns, and legal representatives, the PATENT PROPERTY.

As to all U.S. Patent Property assigned under this agreement, the ASSIGNOR(S) hereby authorize and request the Director of the U.S. Patent & Trademark Office to issue said Letters Patent and any reissue or extension thereof to the ASSIGNEE.

The ASSIGNOR(S) hereby agree that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Further, the ASSIGNOR(S) hereby agree to communicate to said ASSIGNEE, its successors, assigns, and legal representatives, any facts known to the ASSIGNOR(S) respecting said invention, promptly provide upon request all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(s), testify in any interference, derivation, post grant review, inter partes review, litigation, or legal proceeding relating to the PATENT PROPERTY, 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, assigns, and legal representatives, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize any attorneys and agents of record and/or 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.

Inventors-to-Assignee

IN WITNESS WHEREOF, the below designated ASSIGNOR(S) and ASSIGNEE have executed this ASSIGNMENT:

ASSIGNOR(S)

Signature: _____

Date: _____

Name: Ruediger HOYER

Signature: _____

Date: _____

Name: Anke SCHULER

Signature: _____

Date: _____

Name: Stefan FRANOSCHEK

Signature:  _____

Date: 9-29-2014

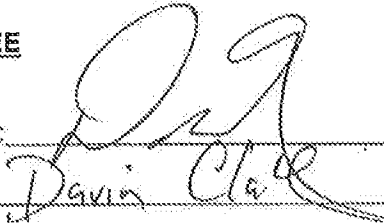
Name: Thomas R. PAULY

Signature: _____

Date: _____

Name: Gerald JESKE

ASSIGNEE

Signature:  _____

Date: 9/29/2014

Name: David Clark acting in official capacity on behalf of
Umicore AG & Co. KG

Signature:  _____

Date: 9-29-2014

Name: Richard S. Knapp acting in official capacity on behalf of
Umicore AG & Co. KG

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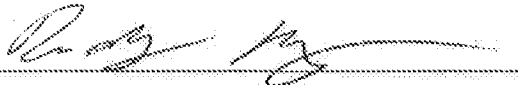
Further, the ASSIGNOR(S) hereby agree to communicate to said ASSIGNEE, its successors, assigns, and legal representatives, any facts known to the ASSIGNOR(S) respecting said invention, promptly provide upon request all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(s), testify in any interference, derivation, post grant review, inter partes review, litigation, or legal proceeding relating to the PATENT PROPERTY, 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, assigns, and legal representatives, to obtain and enforce proper protection for said invention.

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Inventors-to-Assignee

IN WITNESS WHEREOF, the below designated ASSIGNOR(S) and ASSIGNEE have executed this ASSIGNMENT:

ASSIGNOR(S)

Signature: 


Date: 2014/09/17

Name: Ruediger HOYER

Signature: 

Date: 2014/09/17

Name: Anke SCHULER

Signature: 

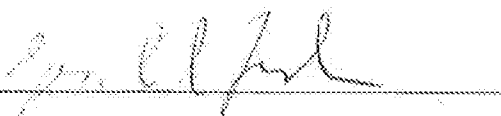
Date: 2014/09/24

Name: Stefan FRANOSCHEK

Signature: _____

Date: _____

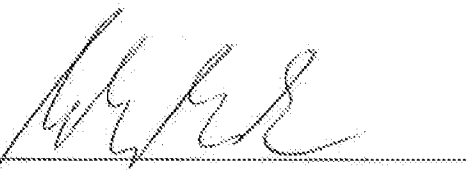
Name: Thomas R. PAULY

Signature: 

Date: 2014/09/25

Name: Gerald JESKE

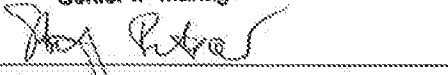
ASSIGNEE

Signature: 

Date: Sept. 26, 2014

Name: _____ acting in official capacity on behalf of
Umicore AG & Co. KG

I.V. Dr. Kai-Uwe Clauswitz
Senior IP Manager

Signature: 

Date: Sept. 26, 2014

Name: _____ acting in official capacity on behalf of
Umicore AG & Co. KG

I.V. Dr. Stefan Retzow
Senior IP Manager