

PATENT ASSIGNMENT

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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>Gerhard Olbert</td> <td>12/15/2011</td> </tr> <tr> <td>Ulrike Wegerle</td> <td>12/08/2011</td> </tr> <tr> <td>Grigorios Kolios</td> <td>12/08/2011</td> </tr> <tr> <td>Albena Kostova</td> <td>12/08/2011</td> </tr> <tr> <td>Jasmina Kessel</td> <td>12/15/2011</td> </tr> <tr> <td>Alexander Weck</td> <td>12/22/2011</td> </tr> <tr> <td>Alireza Rezai</td> <td>12/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Gerhard Olbert	12/15/2011	Ulrike Wegerle	12/08/2011	Grigorios Kolios	12/08/2011	Albena Kostova	12/08/2011	Jasmina Kessel	12/15/2011	Alexander Weck	12/22/2011	Alireza Rezai	12/01/2011
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<table border="1"> <tr> <td>Name:</td> <td>BASF SE</td> </tr> <tr> <td>Street Address:</td> <td>Carl-Bosch-Strasse 38</td> </tr> <tr> <td>City:</td> <td>Ludwigshafen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>67056</td> </tr> </table>		Name:	BASF SE	Street Address:	Carl-Bosch-Strasse 38	City:	Ludwigshafen	State/Country:	GERMANY	Postal Code:	67056						
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Application Number:	13331362																
CORRESPONDENCE DATA																	
Fax Number:	(302)661-2331																
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ATTORNEY DOCKET NUMBER:	17951-00057US																

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NAME OF SUBMITTER:

David M. Morse

Total Attachments: 2

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Assignment of Application

WHEREAS; I (WE)

Gerhard Olbert, Frankenweg 11, 69221 Dossenheim, Germany
Citizen of Germany

Ulrike Wegerle, St.-Bonifatius-Str.11, 67550 Worms, Germany
Citizen of Germany

Grigorios Kolios, Ruländerweg 15, 67435 Neustadt, Germany
Citizen of Greece

Albena Kostova, Johannes-Hoffart-Straße 27, 68163 Mannheim, Germany
Citizen of Bulgaria

Jasmina Kessel, Otto-Beck-Str. 14, 68165 Mannheim, Germany
Citizen of Germany

Alexander Weck, Buttstädter Strasse 9, 67251 Freinsheim, Germany
Citizen of Germany

Alireza Rezai, Q2,7-8, 68161 Mannheim, Germany
Citizen of South Africa

respectively, have invented certain new and useful improvements in

Reactor for carrying out an autothermal gas-phase dehydrogenation

for which an application for Letters Patent was executed on

(Application No. 13/331,362, filed December 20, 2011), and

WHEREAS, BASF SE (hereinafter referred to as "ASSIGNEE"), having a place of business at 67056 Ludwigshafen, Germany is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;


NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) per inventor, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

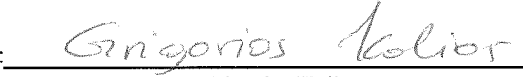
FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.


The undersigned hereby grant(s) the firm of **CONNOLLY BOVE LODGE & HUTZ LLP**, The Nemours Building, 1007 North Orange Street, Wilmington, DE 19899, (telephone 302 658 9141; FAX 302 658 5614) the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

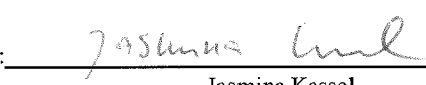
Stand: 11/2010
pdusass - 210052 + 210114


Date: 15.12.2011 Signature of Inventor: 
Gerhard Olbert

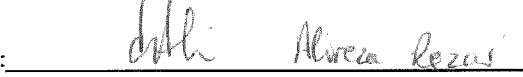
Date: 8.12.2011 Signature of Inventor: 
Ulrike Wegerle

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Grigorios Kolios

Date: 08.12.2011 Signature of Inventor: 
Albena Kostova

Date: 15.12.2011 Signature of Inventor: 
Jasmina Kessel

Date: 22. DEZ. 2011 Signature of Inventor: 
Alexander Week

Date: 01.12.2011 Signature of Inventor: 
Alireza Rezai