503600803 12/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3647433

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DR. CHRISTIAN PANZ	11/25/2013
DR. FLORIAN PAULAT	08/20/2013
GUIDO TITZ	08/28/2013
SVEN MÜLLER	08/14/2013
DR. PETER ERLHÖFER	08/14/2013
MARKUS RUF	08/23/2013
DR. BODO FRINGS	08/14/2013
DR. HARTWIG RAULEDER	08/19/2013
THOMAS BARTHEL	08/13/2013
DR. MUSTAFA SIRAY	08/27/2013
DR. JÜRGEN BEHNISCH	08/16/2013

RECEIVING PARTY DATA

Name:	EVONIK DEGUSSA GMBH
Street Address:	RELLINGHAUSER STRASSE 1-11
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45128

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14959926

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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.

Phone: (414)271-6560

Email: dahauser@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP
Address Line 1: 100 EAST WISCONSIN AVENUE

Address Line 2: SUITE 3300

Address Line 4: MILWAUKEE, WISCONSIN 53202-4108

503600803 REEL: 037236 FRAME: 0615

PAIENI

ATTORNEY DOCKET NUMBER:	024010-9241-US01
NAME OF SUBMITTER:	MICHAEL R. LANGER
SIGNATURE:	/michael r. langer/
DATE SIGNED:	12/08/2015

Total Attachments: 33

source=18246828 024010-9241-US01 As Filed_Assignment#page1.tif source=18246828 024010-9241-US01 As Filed Assignment#page2.tif source=18246828 024010-9241-US01 As Filed Assignment#page3.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page4.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page5.tif source=18246828 024010-9241-US01 As Filed Assignment#page6.tif source=18246828 024010-9241-US01 As Filed Assignment#page7.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page8.tif source=18246828 024010-9241-US01 As Filed Assignment#page9.tif source=18246828 024010-9241-US01 As Filed Assignment#page10.tif source=18246828 024010-9241-US01 As Filed Assignment#page11.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page12.tif source=18246828 024010-9241-US01 As Filed Assignment#page13.tif source=18246828 024010-9241-US01 As Filed Assignment#page14.tif source=18246828 024010-9241-US01 As Filed Assignment#page15.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page16.tif source=18246828 024010-9241-US01 As Filed Assignment#page17.tif source=18246828 024010-9241-US01 As Filed Assignment#page18.tif source=18246828 024010-9241-US01 As Filed Assignment#page19.tif source=18246828 024010-9241-US01 As Filed Assignment#page20.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page21.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page22.tif source=18246828 024010-9241-US01 As Filed Assignment#page23.tif source=18246828 024010-9241-US01 As Filed Assignment#page24.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page25.tif source=18246828 024010-9241-US01 As Filed Assignment#page26.tif source=18246828 024010-9241-US01 As Filed Assignment#page27.tif source=18246828 024010-9241-US01 As Filed Assignment#page28.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page29.tif source=18246828 024010-9241-US01 As Filed Assignment#page30.tif source=18246828 024010-9241-US01 As Filed Assignment#page31.tif source=18246828 024010-9241-US01 As Filed Assignment#page32.tif source=18246828_024010-9241-US01_As_Filed_Assignment#page33.tif

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany;
Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany;
Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany;
Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany;
Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany;
Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany;
Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany;

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany;

Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany;

Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and

Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby

Date	Thomas Barthel	
Date	Dr. Mustafa Siray	***
 Date	Dr. Jürgen Behnisch	

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germanv

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
2013-08-20	Ri Carlit
Date	Dr. Florian Paulat
 Date	Guido Titz
Date	Sven Müller
Date	Dr. Peter Erihöfer
Date	Markus Ruf
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

Date	Thomas Barthel		
Date	Dr. Mustafa Siray		
Data	Dr. Jürgen Rehnisch		

2010P00498WOUS

ASSIGNMENT

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
Date	Dr. Florian Paulat
2013-08-28	Guido Titz
Date	Guide jitz
Date	Sven Müller
Date	Dr. Peter Erlhöfer
 Date	Markus Ruf
land fined filter	Mental And
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

Date	Thomas Barthel
Date	Dr. Mustafa Siray
Date	Dr. Jürgen Rehnisch

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	·		Dr. Christian Panz
Date			Dr. Florian Paulat
Date	:		Guido Titz
	1.08.2013		
Date			Sven Müller
	:		
Date			Dr. Peter Erlhöfer
Date	: :		Markus Ruf
Date		inaa.	Dr. Bodo Frings
Date	·		Dr. Hartwig Rauleder

Date		Thomas Barthel	
	f		
Date		Dr. Mustafa Siray	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Date	· · · · · · · · · · · · · · · · · · ·	Dr. Jürgen Rehnisch	

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
;	
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
August 14th 2013 Date	Cela Erlhoter
Date <i>(</i>)	Dr. Peter Erlhöfer
Date	Markus Ruf
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

Date	Thomas Barthel
Date	Dr. Mustafa Siray
	Dr. Jürgen Rehnisch

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

	1		
Date		Dr. Christian Panz	
; ;	4 4		

Date		Dr. Florian Paulat	
	MANAGEMENT RESIDENCE OF THE PROPERTY OF THE PR	~ ~	
Date	1 1	Guido Titz	
	F		
Date		Sven Müller	***************************************
Date	***************************************	Dr. Peter Erlhöfer	
har tot b to		Di. i Goi Elliotoi	•
23.08.2013		(Loshy	January
Date	THE PARTY OF THE P	Markus Ruf	
			· -
***************************************	·	***************************************	***************************************
Date		Dr. Bodo Frings	
	i i		*
Data	· · · · · · · · · · · · · · · · · · ·	Dr. Llastuis Dauladas	:
Date		Dr. Hartwig Rauleder	•

Date	Thomas Barthel	***************************************
Date	Dr. Mustafa Siray	***************************************
to the title	Dr. Mustala Ollay	
Date	Dr. Jürgen Behnisch	

2010P00498WOUS

ASSIGNMENT

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

assigns, our entire right, title and interest

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany;

Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
Date	Dr. Peter Erlhöfer
Date	Markus Ruf
14.08.2013	15 min
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

Date	Thomas Barthel	***********
Date	Dr. Mustafa Siray	*********
Date	Dr. Jürgen Behnisch	******

ĵ . . .

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) In and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
Date	Dr. Peter Erlhöfer
Date	Markus Ruf
Date On State	Dr. Bodo Frings
19.08.7013 Date	Dr. Hartwig Raulader

Date	Thomas Barthel	
Date :	Dr. Mustafa Siray	
	# 	
Date	Dr. Jürgen Behnisch	***************************************

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TITZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

	(
Date	Dr. Christian Panz
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
Date	Dr. Peter Erlhöfer
Date	Markus Ruf
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

13.08.2013	James de la constante de la co
Date	Thomas Barthel
Date	Dr. Mustafa Siray
Data	Dr. Jürgan Rahniech

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TiTZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

***************************************	_
Date	Dr. Christian Panz
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
i.	
Date	Dr. Peter Erlhöfer
Date	Markus Ruf
Date	Dr. Bodo Frings
Date	 Dr. Hartwig Rauleder

27.08.70/3	Thomas Barthel
Date	Dr. Mustáfa Siray
Date	Dr. Jürgen Behnisch

Pursuant to our obligation to Evonik Degussa GmbH (hereinafter referred to as "Assignee"), a German company having its principal place of business at:

Rellinghauser Straße 1-11 45128 Essen Germany

e . 2 . .

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Dr. Christian PANZ of Emsstraße 14a, 50389 Wesseling-Berzdorf, Germany; Dr. Florian PAULAT of Bei den Buchen 7, 25709 Marne, Germany; Guido TiTZ of St.-Michael-Straße 37, 52396 Heimbach, Germany; Sven MÜLLER of Heinrich-Dittmaier-Straße 33, 53125 Bonn, Germany; Dr. Peter ERLHÖFER of Ubierweg 6, 50389 Wesseling, Germany; Markus RUF of Geltorfstraße 44a, 53347 Alfter-Witterschlick, Germany; Dr. Bodo FRINGS of Grauthoffweg 106 b, 33758 Schloss Holte, Germany; Dr. Hartwig RAULEDER of Uhlandweg 51A, 79618 Rheinfelden, Germany; Thomas BARTHEL of Dahlienweg 8 h, 63755 Alzenau-Wasserlos, Germany; Dr. Mustafa SIRAY of Michael-Leveilly-Str.14, 53127 Bonn, Germany; and Dr. Jürgen BEHNISCH of Kannbäckerstraße 1, 53359 Rheinbach, Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest

- (1) in and to inventions described in a patent application titled METHOD FOR THE SEPARATION OF METAL IONS THAT ARE DIVALENT OR HIGHER FROM STRONG ACIDS OR HIGHLY ACIDIC MEDIA the specification of which was filed with my authority on February 10, 2012 as International Patent Application No. PCT/EP2012/052254 (Atty. File No. 024010-9241-WO00) (hereinafter the "PCT application"); and
- (2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

Date	Dr. Christian Panz
Date	Dr. Florian Paulat
Date	Guido Titz
Date	Sven Müller
Dațe	Dr. Peter Erlhöfer
Date	Markus Ruf
Date	Dr. Bodo Frings
Date	Dr. Hartwig Rauleder

Date	Thomas Barthel
Date	Dr. Mustafa Siray
16.08.13	Silver S
Data	Dr. Birgan Bahnicah