#### 502645686 01/22/2014

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARKUS POETTER	12/09/2013
THOMAS HAAS	12/02/2013
JAN CHRISTOPH PFEFFER	12/03/2013
ARNE SKERRA	12/30/2013
WOLFGANG KROUTIL	12/03/2013
ALEXANDRA LERCHNER	12/03/2013
JOHANN H. SATTLER	12/04/2013
STEFFEN SCHAFFER	12/02/2013
KATHARINA CHRISTIN TAUBER	12/05/2013

#### **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:	14233505

#### **CORRESPONDENCE DATA**

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	427833USPCT
NAME OF SUBMITTER:	MESFIN KASSAYE
Signature:	/Mesfin Kassaye/
Date:	01/22/2014
Total Attachments: 18 source=427833USASSIGNMENT#page1.tii source=427833USASSIGNMENT#page2.tii source=427833USASSIGNMENT#page3.tii source=427833USASSIGNMENT#page4.tii source=427833USASSIGNMENT#page5.tii source=427833USASSIGNMENT#page7.tii source=427833USASSIGNMENT#page7.tii source=427833USASSIGNMENT#page8.tii source=427833USASSIGNMENT#page9.tii source=427833USASSIGNMENT#page10. source=427833USASSIGNMENT#page11. source=427833USASSIGNMENT#page12. source=427833USASSIGNMENT#page13. source=427833USASSIGNMENT#page14. source=427833USASSIGNMENT#page15. source=427833USASSIGNMENT#page15. source=427833USASSIGNMENT#page16. source=427833USASSIGNMENT#page17. source=427833USASSIGNMENT#page18.	

Page 1 of 2

	WHEREAS, I (WE) Markus Pötter, 658 Gaojing Road, House #85, 201702 Shanghai, China
SERT NAMES ID RÉSIDENCE DRESS OF	Thomas Haas, Backenkamp 9, 48161 Münster, Germany
E INVENTORS:	Jan Christoph Pfeffer, Büdesheimer Ring 8d, 63452 Hanau, Germany
	Arne Skerra, Max-Lehner-Str. 19, 85354 Freising, Germany
	Wolfgang Kroutil, Dammweg 15, 8042 Graz, Austria
	Alexandra Lerchner, Schulgasse 3, 85375 Neufahrn bei Freising, Germany
	Johann H. Sattler, Bahnhofstr. 117, 8990 Bad Aussee, Austria
	Steffen Schaffer, Antoniusstr. 19, 45699 Herten, Germany
	Katharina Christin Tauber, Koralmblickweg 31, 9431 Wolfsberg, Austria
SERT TITLE	
INVENITION  SERT DATE IN- INTORS SIGNED	, respectively, have invented certain new and useful improvemen OXIDATION AND AMINATION OF PRIMARY in:  ALCOHOLS
CLARATION:	for which an application for Letters Patent was
SERT NAME ID ADDRESS OF IMPANY OR HER ASSIGNES	executed on
	WHEREAS, Evonik Degussa GmbH (hereinafter referred to as "ASSIGNEE") having a place of busines at:
	Rellinghauser Straße 1-11, 45128 Essen, 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 FIVE DOLLARS (\$5.00), the receipt whereof is

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), 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.

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Date: OJH Declinson 2013	Malus Pit		
	(Signature of Inventor)	Markus Pötter	·
Date:			
	(Signature of Inventor)	Thomas Haas	
Date:			
	(Signature of Inventor)	Jan Christoph Pfeffer	
Date:			
	(Signature of Inventor)	Arne Skerra	
Date:			
	(Signature of Inventor)	Wolfgang Kroutil	
Date:			
	(Signature of Inventor)	Alexandra Lerchner	
Date:			
	(Signature of Inventor)	Johann H. Sattler	
Date:			
	(Signature of Inventor)	Steffen Schaffer	
Date:			
	(Signature of Inventor)	Katharina Christin Tauber	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

Page 1 of 2

	VVNENEAS, I (VVE) Warkus Potter, 656 Gaojing Road, House #65, 2017/02 Shanghai, China
ERT NAMES D RESIDENCE DRESS OF	Thomas Haas, Backenkamp 9, 48161 Münster, Germany
E INVENTORS:	Jan Christoph Pfeffer, Büdesheimer Ring 8d, 63452 Hanau, Germany
	Arne Skerra, Max-Lehner-Str. 19, 85354 Freising, Germany
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SERT NAME	for which an application for Letters Patent was executed on
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Date:				
_		(Signature of Inventor)	Markus Pötter	_
Date: _>	( 2.12 13	(Signature of Inventor)	Thomas Haas	_
		(Signature of Inventor)	inomas naas	
Date: _				
		(Signature of Inventor)	Jan Christoph Pfeffer	
Date:				
		(Signature of Inventor)	Arne Skerra	
Date:				
Date		(Signature of Inventor)	Wolfgang Kroutil	_
Date:				
Date		(Signature of Inventor)	Alexandra Lerchner	_
<b>5</b> .				
Date:		(Signature of Inventor)	Johann H. Sattler	
Date: _		(Signature of Inventor)	Steffen Schaffer	
		,		
Date:		(Signature of Inventor)	Katharina Christin Tauber	
		(Signature of inventor)	Namarina Ciliisun Taubei	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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:INVENTORS:	Jan Christoph Pfeffer, Büdesheimer Ring 8d, 63452 Hanau, Germany				
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	Katharina Christin Tauber, Koralmblickweg 31, 9431 Wolfsberg, Austria				
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NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), 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 any and all divisions, reissues, continuations, substitutions and renewals thereof.

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Date:	
	(Signature of Inventor) Markus Pötter
Date:	
	(Signature of Inventor) Thomas Haas
Date: X 03.12.13	(Signature of Inventor) Jan Christoph Pfeffer
	(Signature of Inventor) Jan Christoph Pfeffer
Date:	
	(Signature of Inventor) Arne Skerra
Date:	
	(Signature of Inventor) Wolfgang Kroutil
Date:	
	(Signature of Inventor) Alexandra Lerchner
Date:	
Date.	(Signature of Inventor) Johann H. Sattler
Date:	
<b>Dato</b> .	(Signature of Inventor) Steffen Schaffer
Date:	
	(Signature of Inventor) Katharina Christin Tauber

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
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Page 1 of 2

	WHEREAS, I (WE)	Markus Pötter, 658 Gaojing F	Road, House	#85, 201702 Shanghai, China		
SERT NAMES ND RESIDENCE DDRESS OF		Thomas Haas, Backenkamp	9, 48161 <b>M</b> ü	nster, Germany		
IE INVENTORS:		Jan Christoph Pfeffer, Büdes	heimer Ring	Bd, 63452 Hanau, Germany		
		Arne Skerra, Max-Lehner-St	r. 19, 85354 F	reising, Germany		
		Wolfgang Kroutil, Dammweg	15, 8042 Gra	az, Austria		
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ISERT TITLE		· · · · · · · · · · · · · · · · · · ·			·	
F INVENTION:	have invented certai	n new and useful improve		DATION AND AMINATION O	, respectively, F PRIMARY	
ENTORS SIGNED ECLARATION:						
ISERT NAME ND ADDRESS OF	for which an applicate executed on	tion for Letters Patent was	-			
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		Ro 4 44 45429 Eppen C		<del></del>		
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Date:				
		(Signature of Inventor)	Markus Pötter	
Date:				
		(Signature of Inventor)	Thomas Haas	-
Date:				
	·	(Signature of Inventor)	Jan Christoph Pfeffer	
Date: $\chi$ 30.	12.2013	X	Shu.	
		(Signature of Inventor)	Arne Skerra	
Date:				
<del></del>		(Signature of Inventor)	Wolfgang Kroutil	
Date:				
		(Signature of Inventor)	Alexandra Lerchner	
Date:				
<del></del>		(Signature of Inventor)	Johann H. Sattler	
Date:				
		(Signature of Inventor)	Steffen Schaffer	<del></del>
Date:		•		
	<del></del>	(Signature of inventor)	Katharina Christin Tauber	

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ERT NAMES D RESIDENCE		Thomas Haas, Backenkam	p 9, 48161 <b>M</b> ű	ünster, Germany		
DRESS OF E INVENTORS:	Jan Christoph Pfeffer, Büdesheimer Ring 8d, 63452 Hanau, Germany					
		Arne Skerra, Max-Lehner-S	tr. 19, 85354	Freising, Germany		
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SERT TITLE	<u></u>					
INVENTION:	have invented ce	rtain new and useful improv		DATION AND AMINATION	, respective N OF PRIMARY	ly,
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		quiring the entire right, title a be granted therefore in the U				

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Deter		
Date:	(Signature of Inventor)	Thomas Haas
		·
Date:		
	(Signature of Inventor)	Jan Christoph Pfeffer
Date:		
	(Signature of Inventor)	Arne Skerra
Date: × 3, 12, 2013	~ X	Wall Kurl
	(Signature of Inventor)	Wolfgang Kroutil
Date:		
Date.	(Signature of Inventor)	Alexandra Lerchner
Date:	(Signature of Inventor)	Johann H. Sattler
	(Signature of inventor)	Johann H. Samer
Date:		
	(Signature of Inventor)	Steffen Schaffer
Data		
Date:	(Signature of Inventor)	Katharina Christin Tauber
<u>~</u>	, 5	

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Page 1 of 2

'	WHEREAS, I (WE	Markus Pötter, 658 Gaojing I	Road, House	#85, 201702 Shanghai, China	
ies NCE -		Thomas Haas, Backenkamp	9, 48161 Mü	inster, Germany	
ORS:		Jan Christoph Pfeffer, Büdes	heimer Ring	8d, 63452 Hanau, Germany	
_		Arne Skerra, Max-Lehner-St	r. 19, 85354	Freising, Germany	
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.E -					
ON:	have invented cert	tain new and useful improve	emen OXII	DATION AND AMINATION C	, respectively,
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_	Rellinghauser Sti	raße 1-11, 45128 Essen, G	ermany		
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	NOW, THERE hereby acknowled assign and transfe States and its terr	lged, and for other good an er unto said ASSIGNEE, th ritorial possessions and in a	d valuable e full and all foreign	of FIVE DOLLARS (\$5.00), to consideration, I (WE), by the exclusive right to the said in countries and the entire right ed therefor in the United Street	ese presents do sell, evention in the United at, title and interest in

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Doto:		
Date:	(Signature of Inventor)	Thomas Haas
Date:		
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Date:		
	(Signature of Inventor)	Arne Skerra
Date:		
	(Signature of Inventor)	Wolfgang Kroutil
Date: X 03 12 2013	X	lexader lesdans
	(Signature of Inventor)	Alexandra Lerchner
Date:		
	(Signature of Inventor)	Johann H. Sattler
Date:		
	(Signature of Inventor)	Steffen Schaffer
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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.

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Date:	
	(Signature of Inventor) Markus Pötter
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Date:	(Signature of inventor) Thomas Haas
	(Ognature of inventor) Itionias Haas
Date:	
	(Signature of Inventor) Jan Christoph Pfeffer
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Date:	
	(Signature of Inventor). Arne Skerra
Date:	J.
Date.	(Signature of Inventor) Wolfgang Kroutil
Date:	
	(Signature of Inventor) Alexandra Lerchner
Date: X (4.12 2013	X South
Date. Nytina Rons	(Signature of Inventor) Johann H. Sattler
	^.
Date:	<b>``</b>
	(Signature of Inventor) Steffen Schaffer
Date:	(Signature of Inventor) Katharina Christin Tauber
	(Oliginature of inventor) Natharitia Cittistiff Fauber

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Page 1 of 2

	WHEREAS, I (WE) Markus Pötter, 658 Gaojing Road, House #85, 201702 Shanghai, China	
ERT NAMES	Thomas Haas, Backenkamp 9, 48161 Münster, Germany	
D RESIDENCE DRESS OF E INVENTORS:	Jan Christoph Pfeffer, Büdesheimer Ring 8d, 63452 Hanau, Germany	
	our dimeopri fondi, padeonomia ting ou es alla samanj	_
	Arne Skerra, Max-Lehner-Str. 19, 85354 Freising, Germany	_
	Wolfgang Kroutil, Dammweg 15, 8042 Graz, Austria	
	Alexandra Lerchner, Schulgasse 3, 85375 Neufahrn bei Freising, Germany	
	Johann H. Sattler, Bahnhofstr. 117, 8990 Bad Aussee, Austria	
	Steffen Schaffer, Antoniusstr. 19, 45699 Herten, Germany	
	Katharina Christin Tauber, Koralmblickweg 31, 9431 Wolfsberg, Austria	
ERT TITLE INVENTION:	, respective	––– elv
	have invented certain new and useful improvemen OXIDATION AND AMINATION OF PRIMARY	J. J.,
SERT DATE IN- NTORS SIGNED CLARATION:	in: ALCOHOLS	
SERT NAME	for which an application for Letters Patent was executed on	
D ADDRESS OF MPANY OR HER ASSIGNEE	(Application No. PCT/EP2012/063994 , filed 17. Juli 2012 ), a	and
	WHEREAS, Evonik Degussa GmbH	
	(hereinafter referred to as "ASSIGNEE") having a place of busines at:	
	Rellinghauser Straße 1-11, 45128 Essen, 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 FIVE DOLLARS (\$5.00), the receipt whereof is

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Date:			
	(Signature of Inventor)	Johann H. Sattler	
Date: X りこれと、2つイツ		r()	
	(Signature of Inventor)	Steffen Schaffer	
Date:			
	(Signature of Inventor)	Katharina Christin Tauber	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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es ICE —		Thomas Haas, Backenkam	np 9, 48161 Me	unster, Germany	
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Date: X 5. 12. 13	X	n	
<del></del>	(Signature of Inventor)	Katharina Christin Tauber	

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> PATENT REEL: 032017 FRAME: 0945

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