502196728 01/16/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Guido STREUKENS	10/26/2012
Christian LETTMANN	10/25/2012
Sven SCHNEIDER	10/26/2012

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:	13809435

CORRESPONDENCE DATA

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000

Email: asomaiel@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	409305US99PCT
NAME OF SUBMITTER:	Adel Samuel

Total Attachments: 6

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> PATENT REEL: 029637 FRAME: 0896

OF \$40.00 13809435

502196728

Assignment of Application

Page 1 of 2

	WHEREAS, I (WI	Guido Streukens, Westfalen	weg 300, 421	11 Wuppertal, Germany	
NSERT NAMES IND RESIDENCE IDDRESS OF	Note the property of the control of	Christian Lettmann, Hohes I	Feld 62 a, 486	53 Coesfeld, Germany	
HE INVENTORS:		Sven Schneider, Schubertst	r. 78, 45711 [Dattein, Germany	
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NSERT TITLE OF INVENTION:				-	
	have invented ce in:	rtain new and useful improve		HOD FOR PRODUCING DIAI	
NSERT DATE IN- TENTORS SIGNED DECLARATION:				DIANHYDRO-2,5-DIDEOXY-	D-HEXITOL
NSERT NAME	tor which an appli executed on	cation for Letters Patent was	; _		
COMPANY OR OTHER ASSIGNEE	(Application No.	PCT/EP2011/060825	, filed	28. Juni 2011), and
		Evonik Degussa GmbH ed to as "ASSIGNEE") havin	g a place o	of busines	
		traße 1-11, 45128 Essen, G		T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
	Patent that may be foreign countries;	be granted therefore in the U	nited State	in and to said invention and i s and its territorial possession	ns and in any and all
	hereby acknowled assign and transf States and its ter	dged, and for other good an fer unto said ASSIGNEE, th	d valuable e full and o all foreign o	f FIVE DOLLARS (\$5.00), the consideration, I (WE), by the exclusive right to the said invocuntries and the entire right, and therefor in the United States.	se presents do sell, ention in the United , title and interest in

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)

continuations, substitutions and renewals thereof.

had this Assignment and sale not been made.

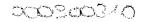
PATENT REEL: 029637 FRAME: 0897 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal 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 Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 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.

Date: 26.10.2012		128h			
_	,	(Signature of Inventor)	Guido Streukens		
Date: _					
		(Signature of Inventor)	Christian Lettmann		
Date: _					
		(Signature of Inventor)	Sven Schneider		
Date: _					
		(Signature of Inventor)			
Date: _		76:			
		(Signature of Inventor)			
Date: _		(Signature of Inventor)			
		(Signature of inventor)			
Date:		(Signature of Inventor)			
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Date: _		(Signature of Inventor)			
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Date:		(Signature of Inventor)			
		, ,			
Date: _		(Signature of Inventor)			

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

PATENT REEL: 029637 FRAME: 0898



Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) Guido Streukens, Westfalenweg 300, 42111 Wuppertal, Germany
T NAMES ESIDENCE ESS OF	Christian Lettmann, Hohes Feld 62 a, 48653 Coesfeld, Germany
VENTORS:	Sven Schneider, Schubertstr. 78, 45711 Datteln, Germany
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T TITLE VENTION:	
T DATE IN- ORS SIGNED	have invented certain new and useful improvemen METHOD FOR PRODUCING DIAMINO-in: DIANHYDRO-DIDEOXY-HEXITOLENE,
ARATION: T NAME	PARTICULARLY PREFERABLY 2,5-DIAMINO-1,4:3,6-DIANHYDRO-2,5-DIDEOXY-D-HEXITOL for which an application for Letters Patent was executed on
ADDRESS OF ANY OR R ASSIGNEE	(Application No. <u>PCT/EP2011/060825</u> , filed <u>28. Juni 2011</u>), 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 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

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.

PATENT

REEL: 029637 FRAME: 0899

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.

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Date:		
	(Signature of Inventor) Guide Streukens	
Date: 25.10.2012	Mulle	
	(Signature of Inventor)	
Date:	/ '	
	(Signature of Inventor) Sven Schneider	
Date:		
-	(Signature of Inventor)	
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Date:	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

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

PATENT REEL: 029637 FRAME: 0900



Assignment of Application

Page 1 of 2

WHEREAS, I (WE)	Guido Streukens, Westfalen	weg 300, 42	111 Wuppertal, Germany	
	Christian Lettmann, Hohes	Feld 62 a, 48	653 Coesfeld, Germany	
	Sven Schneider, Schuberts	tr. 78, 45711	Dattein, Germany	
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(Application No. P	CT/EP2011/060825	, filed	28. Juni 2011), and
	vonik Degussa GmbH I to as "ASSIGNEE") havir	ng a place	of busines	
Rellinghauser Stra	ße 1-11, 45128 Essen, G	ermany		
is desirous of acqui	ring the entire right, title a	nd interest	in and to said invention and as and its territorial possession	
NOW, THEREF hereby acknowledg	ORE, in consideration of ed, and for other good ar	the sum o	of FIVE DOLLARS (\$5.00), to consideration, I (WE), by the	he receipt whereof is lese 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

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.

REEL: 029637 FRAME: 0901

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.

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Date:		
	(Signature of Inventor) Guido Streukens	
Doto:		
Date:	(Signature of Inventor) Christian Lettmann	
Date: <u>26.10.20</u>	(Signature of Inventor) Sven Schneider	
	(Signature of Inventor) Sven Schneider	
Date:		
	(Signature of Inventor)	
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	(Signature of Inventor)	
Date:		
Date.	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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PATENT REEL: 029637 FRAME: 0902

RECORDED: 01/16/2013