PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stefan SCHARFE	09/14/2012
Andrea HEUSCHEN	09/19/2012
Christoph BATZ-SOHN	09/12/2012
Burkhard STANDKE	09/19/2012
Christian WASSMER	09/18/2012
Heinz LACH	09/14/2012

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:	13642862

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: 406042US99XPCT

NAME OF SUBMITTER: Adel Samuel

PATENT REEL: 029196 FRAME: 0498 DP \$40.00 1364286;

Total Attachments: 12

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Assignment of Application

	WHEREAS, I (WI	E) Stefan SCHARFE of Eugen-Kaiser-Str. 2, 63526 Erlensee, Germany;	
T NAMES ESIDENCE ESS OF	., 1,2,2,2,1,0,1	Andrea HEUSCHEN of In der Lohr 1, 63639 Flörsbachtal, Germany;	
VENTORS:		Dr. Christoph BATZ-SOHN of 46 Parker Dr, Morris Plains, NJ 07950, United State	s of America:
		Dr. Burkhard STANDKE of Chrischonastr. 25, 79540 Lörrach, Germany;	3 of Third rou,
		Christian WASSMER of Hebelstrasse 12, 79688 Hausen, Germany; and	
		Heinz LACH of Im Lochseif 63, 63517 Rodenbach, Germany	
			
	-		
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			, respectively
			, ,
TITLE OF TION:		tain new and useful improvements in: METHODS FOR PRODUCING A DISPERSION	<u>1</u>
	CONTAINING S.	ILICON DIOXIDE PARTICLES AND CATIONIZATION AGENT	·
	(Application No.	13/642,862 , filed October 23, 2012), and
I NAME	WHEREAS,	Evonik Degussa GmbH	
DDRESS OF ANY OR ASSIGNEE	Germany, respect invention and in	red to as "ASSIGNEES") having places of business at: Rellinghauser Straße 1-11, tively are desirous of jointly acquiring interests in the entire right, title and interest i and to any Letters Patent that may be granted therefore in the United States and in any and all foreign countries;	n and to said
		EREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt when	eof is hereby

acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) 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 ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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.

17/09

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. 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:	09/14/2012	S&	La School	
		(Signature of Inventor)	Stefan SCHARFE	
Date: _				
		(Signature of Inventor)	Andrea HEUSCHEN	_
Date:				
		(Signature of Inventor)	Dr. Christoph BATZ-SOHN	_
Date:				
		(Signature of Inventor)	Dr. Burkhard STANDKE	_
Date:				
		(Signature of Inventor)	Christian WASSMER	_
Date:				
		(Signature of Inventor)	Heinz I ACH	—

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

17/09

Assignment of Application

	Andrea HEUSCHEN of In der Lohr 1, 63639 Flörsbachtal, Germany;	
	Dr. Christoph BATZ-SOHN of 46 Parker Dr, Morris Plains, NJ 07950, United Stat	tes of America;
	Dr. Burkhard STANDKE of Chrischonastr. 25, 79540 Lörrach, Germany;	
	Christian WASSMER of Hebelstrasse 12, 79688 Hausen, Germany; and	
	Heinz LACH of Im Lochseif 63, 63517 Rodenbach, Germany	
·		
		·
		
		
		_, respectively
have invented c	certain new and useful improvements in: METHODS FOR PRODUCING A DISPERSION)N
	SILICON DIOXIDE PARTICLES AND CATIONIZATION AGENT	
(Application No	o. 13/642,862 , filed October 23, 2012), and
WHEREAS,	Evonik Degussa GmbH	
(harainaftar raf	ferred to as "ASSIGNEES") having places of business at Pallinghauser Stroke 1 11	

r referred to as "ASSIGNEES") having places of business at: Rellinghauser Straße 1-11, 45128 Essen, Germany, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) 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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HER ASSIGNEE

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Date:				
		(Signature of Inventor)	Stefan SCHARFE	
Date:	19.03.2012	A-Her	J	
		(Signature of Inventor)	Andrea HEUSCHEN	
Date:				
		(Signature of Inventor)	Dr. Christoph BATZ-SOHN	
Date:				
		(Signature of Inventor)	Dr. Burkhard STANDKE	
Date:				
_		(Signature of Inventor)	Christian WASSMER	
Date:				
_		(Signature of Inventor)	Heinz LACH	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Assignment of Application

WHEREAS, I (WE)	Stefan SCHARFE of Eugen-Kaiser-Str. 2, 63526 Erlensee, Germany;
	Andrea HEUSCHEN of In der Lohr 1, 63639 Flörsbachtal, Germany;
	Dr. Christoph BATZ-SOHN of 46 Parker Dr, Morris Plains, NJ 07950, United States of America
	Dr. Burkhard STANDKE of Chrischonastr. 25, 79540 Lörrach, Germany;
	Christian WASSMER of Hebelstrasse 12, 79688 Hausen, Germany; and
	Heinz LACH of Im Lochseif 63, 63517 Rodenbach, Germany
	
	, respectively
have invented certa	in new and useful improvements in: METHODS FOR PRODUCING A DISPERSION
	LICON DIOXIDE PARTICLES AND CATIONIZATION AGENT
(Application No.	13/642,862 , filed October 23, 2012), and
WHEREAS,	Evonik Degussa GmbH
(hereinafter referre	d to as "ASSIGNEES") having places of business at: Rellinghauser Straße 1-11, 45128 Esser

Germany, respectively are desirous of jointly acquiring interests in 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;

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Date:	
	(Signature of Inventor) Stefan SCHARFE
Date:	
Date: 09/12/2017	(Signature of Inventor) Andrea HEUSCHEN Suh hel
	(Signature of Inventor) Dr. Christoph BATZ-SOHN
Date:	
	(Signature of Inventor) Dr. Burkhard STANDKE
Date:	
	(Signature of Inventor) Christian WASSMER
Date:	
	(Signature of Inventor) Heinz LACH

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Assignment of Application

WHEREAS, I (WE)

Stefan SCHARFE of Eugen-Kaiser-Str. 2, 63526 Erlensee, Germany;

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Dr. Christoph BATZ-SOHN of 46 Parker Dr, Morris Plains, NJ 07950, United States of America;

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Christian WASSMER of Hebelstrasse 12, 79688 Hausen, Germany;

Heinz LACH of Im Lochseif 63, 63517 Rodenbach, Germany

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**Temperor*

SERT NAME O ADDRESS OF OMPANY OR THER ASSIGNEE

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Date:			
		(Signature of Inventor)	Stefan SCHARFE
Date:			
		(Signature of Inventor)	Andrea HEUSCHEN
Date:	· · · · · · · · · · · · · · · · · · ·		
		(Signature of Inventor)	Dr. Christoph BATZ-SOHN
Date: _	09/19/2012	- Buch	har Beech
		(Signature of Inventor)	Dr. Burkhard STANDKE
Date:			,
		(Signature of Inventor)	Christian WASSMER
Date: _			
		(Signature of Inventor)	Heinz LACH

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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	TOTAL OF THE PARTY
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Date:			
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Date:			
		(Signature of Inventor)	Andrea HEUSCHEN
Date:			
		(Signature of Inventor)	Dr. Christoph BATZ-SOHN
Date:			
		(Signature of Inventor)	Dr. Burkhard STANDKE
Date:	18.09.2012		Cik- Wel
		(Signature of Inventor)	Christian WASSMER
Date:			
		(Signature of Inventor)	Heinz LACH

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Assignment of Application

SERT NAMES
JD RESIDENCE
DRESS OF
IE INVENTORS:

WHEREAS, I (W.	E) Stefan SCHARFE of Eugen-L	Caiser-Str. 2,	63526 Erlens	see, Germany;		
	Andrea HEUSCHEN of In de	r Lohr 1, 636	39 Flörsbach	tal, Germany;		
	Dr. Christoph BATZ-SOHN of 46 Parker Dr, Morris Plains, NJ 07950, United States of America;					
	Dr. Burkhard STANDKE of	Chrischonasti	r. 25, 79540 I	örrach, Germany;		
	Christian WASSMER of Heb	elstrasse 12,	79688 Hause	n, Germany; and		
	Heinz LACH of Im Lochseif	63, 63517 Ro	denbach, Ger	many		
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					, respectively	
have invented co	tain new and useful improvemen	te in: METH	IODS EOD DI	ODUCNG A DISI	DEDSION	
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			•		·	
(Application No.	13/642,862	, filed	0ctober	23, 2012), and	
WHEREAS,	Evonik Degussa GmbH					
(hereinafter refer	red to as "ASSIGNEES") havin	ng places of	business at:	Rellinghauser Straß	Se 1-11, 45128 Essen	
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Date:				
_		(Signature of Inventor)	Stefan SCHARFE	
Date: _				
		(Signature of Inventor)	Andrea HEUSCHEN	
Date: _				
		(Signature of Inventor)	Dr. Christoph BATZ-SOHN	
Date: _				
		(Signature of Inventor)	Dr. Burkhard STANDKE	
Date: _				
		(Signature of Inventor)	Christian WASSMER	
Date: _	14092012	_Heruz	Jas	
		(Signature of Inventor)	Heinz LACH	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

PATENT REEL: 029196 FRAME: 0511

RECORDED: 10/26/2012