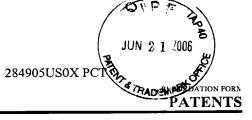
Atty Docket No.: FORM PTO-1595 06-04



06-26-2006

DEPARTMENT OF COMMERCE Patent and Trademark Office

103263841

To the Director of the United States Patent and Trademark Office.	TOP AMENIA Original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1.) Kai SCHUMACHER	Name: DEGUSSA AG	
<ul><li>2.) Juergen FLESCH</li><li>3.) Volker HAMM</li></ul>	Address: Bennigsenplatz 1, 40474 Duesseldorf, Germany	
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No	,	
3. Nature of Conveyance:		
Assignment		
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: 3/14/06, 3/17/06, 3/09/06	Additional name(s) and address(es) attached? ☐ Yes ■ No	
4. Application number(s) or patent number(s):		
☐ This document is being filed together with a new application		
A. Patent Application No.(s)	B. Patent No.(s)	
10/567,577		
Additional numbers attack	ned? □ Yes ■ No	
5. Name and address of party to whom correspondence	6. Total applications and patents involved: 1	
concerning document should be mailed:	0. Total applications and pateins involved.	
Continue Namel on	7. Total fee (37 CFR 3.41): \$40.00	
Customer Number	Enclosed	
22850	☐ Authorized to be charged to deposit account	
Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE T	HIS SPACE	
9. Statement and signature		
To the best of my knowledge and belief, the foregoing information	n is true and correct and any attached copy is a true	
copy of the original document.	A = A = A	
Norman F. Oblon	Sochar Jone 21 2006	
Name of Person Signing Sign	Date Date	
Surinder Registration Number: 24,618 Registration		
Registration Number: 24,618  Registration  Total number of pages includin	·	
Total number of pages including	g this cover sheet. o	
Do not detach t	his portion 06/22/2006 MBEYEHE2 00000259 10567577	
	91 FC:892) An ea on	
Mail documents to be recorded with required cover sheet information	on to:	

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> **PATENT REEL: 018012 FRAME: 0340**

## **Assignment of Application**

INSE	RT	NA	MES	;
AND	RE	SIC	ENC	Œ
ADD	RE.	SS (	)F	
THE	IN۱	VEN	TOF	LS:

WHEREAS, I (WE)	1.) Kai SCHUMACHER of: Bannstrasse 30, 63/19 Holhelm, Germany	
, , ,	2.) Juergen FLESCH of: House 241/326, Hamlet II Moo 3, Tambol Phla, Amphu	r Ban Chang,
	21130 Rayong, Thailand	
	3.) Volker HAMM of: Hauptstrasse 74, 79713 Bad Saeckingen, Germany	
		10000
		, respectively
		, , <u>,</u> ,
have invented certain	in new and useful improvements in: PURIFICATION OF FINELY DIVIDED,	
PYROGENICALLY	Y PREPARED METAL OXIDE PARTICLES	
(Application No	, filed	), and
WHEREAS I	DEGUSSA AG	

INSERT NAME

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at: <u>Bennigsenplatz 1, 40474 Duesseldorf, Germany</u> 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 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.

PATENT REEL: 018012 FRAME: 0341 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: 03/14/06	fai Minne
	(Signature of Invenor) Kan SCHUMACHER
Date:	
	(Signature of Inventor) Juergen FLESCH
Date:	
	(Signature of Inventor) Volker HAMM
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

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

ALEXANDRIA, VIRGINIA 22314

## **Assignment of Application**

;	WHEREAS, I (WE)	1.) Kai SCHUMACHER of: Banns	trasse 30, 65/19 Homeim, Germany	
E S:		2.) Juergen FLESCH of: House 241	1/326, Hamlet II Moo 3, Tambol Phla, Amphur B	an Chang,
<b>.</b> 5:		21130 Rayong, Thailand		
		3.) Volker HAMM of: Hauptstrasse	e 74, 79713 Bad Saeckingen, Germany	
				74
	· · · · · · · · · · · · · · · · · · ·			
				····
	····			, respectively
	have invented certai	n new and useful improvements in:	PURIFICATION OF FINELY DIVIDED,	
OF	PYROGENICALLY PREPARED METAL OXIDE PARTICLES			
	<u> </u>			
	(Application No.		, filed	), and
	WHEREAS, I	DEGUSSA AG		
	· —			

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: <u>Bennigsenplatz 1, 40474 Duesseldorf</u>, <u>Germany</u> 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 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 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:		
	(Signature of Inventor) Kai SCHUMACHER	
Date: 03/17/2006	Him Therd	
	(Signature of Inventor) Juergen FLESCH	
Date:		
Date:	(Signature of Inventor) Volker HAMM	
Date:	(Signature of Inventor)	
Date:	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

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

12/04

PATENT REEL: 018012 FRAME: 0344

## **Assignment of Application**

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

INSERT NAMES	WHEREAS, I (WE)	1.) Kai SCHUMACHER of: Bahnstrasse 30, 65719 Hofheim, Germany	
AND RESIDENCE ADDRESS OF		2.) Juergen FLESCH of: House 241/326, Hamlet II Moo 3, Tambol Phla, Am	phur Ban Chang,
THE INVENTORS:		21130 Rayong, Thailand	
		3.) Volker HAMM of: Hauptstrasse 74, 79713 Bad Saeckingen, Germany	
			<u></u>
			, respectively
	have invented certa	n new and useful improvements in: PURIFICATION OF FINELY DIVIDED	) <u>.</u>
INSERT TITLE OF INVENTION:	PYROGENICALLY PREPARED METAL OXIDE PARTICLES		
	-		
	(Application No.	, filed	), and
	WHEREAS I	DEGLISSA AG	

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: Bennigsenplatz 1, 40474 Duesseldorf, 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 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 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:	
	(Signature of Inventor) Kai SCHUMACHER
Date:	
	(Signature of Inventor) Juergen FLESCH
Date: 09 03 06 (03/09/06)	Volke Ham
	(Signature of Inventor) Volker HAMM
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

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

12/04

RECORDED: 06/21/2006

**PATENT**