PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2990989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DR. ULRICH NOLTE	06/01/2011
DR. THOMAS SAWITOWSKI	06/10/2011
DR. MICHAEL BERKEI	05/31/2011

RECEIVING PARTY DATA

Name:	BYK-CHEMIE GMBH
Street Address:	ABELSTRASSE45
Internal Address:	D-46483
City:	WESEL
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13139366

CORRESPONDENCE DATA

Fax Number:

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: 3176302810

Email: rshortt@bscattorneys.com

Correspondent Name: BRANNON SOWERS CRACRAFT PC
Address Line 1: 1 N. PENNSYLVANIA STREET, SUITE 800

Address Line 4: INDIANAPOLIS, INDIANA 46204

NAME OF SUBMITTER:	EDWARD SOWERS
SIGNATURE:	/s/ Edward Sowers
DATE SIGNED:	08/21/2014

Total Attachments: 3

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PATENT 502944391 REEL: 033581 FRAME: 0160

ASSIGNMENT

WHEREAS, Dr. Thomas Sawitowski of Friedenstrasse 84E; D-45133 Essen; Germany, hereinafter referred to as Assignor, has made a new and useful invention related to METHOD FOR PRODUCING METAL NANOPARTICLES AND NANOPARTICLES OBTAINED IN THIS WAY AND USE THEREOF for which Assignor has made or will make application for letters Patent of the United States: and

WHEREAS, BYK-Chemie GmbH, hereinafter referred to as Assignee, a corporation of Abelstrasse 45; D-46483 Wesel/DE; Federal Republic of Germany, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in to and under said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon:

NOW, THEREFORE, to All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this _______ day of ________, 2011, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefore and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Brannon Sowers Hughel PC of 1 North Pennsylvania Street, Suite 520, Indianapolis, IN 46204, to insert here in parentheses (Serial No. 13/139, 366 Filed October 31, 2011) the date and filing date of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

EXECUTED by Assignor's hand this 10th day of 10th 12.

Thou South 12.

Dr. Thomas Sawitowski

Printed name

PATENT REEL: 033581 FRAME: 0161

ASSIGNMENT

WHEREAS, Dr. Michael Berkei of Ginsterstraße 12; D-45721 Haltern am See; Germany, hereinafter referred to as Assignor, has made a new and useful invention related to METHOD FOR PRODUCING METAL NANOPARTICLES AND NANOPARTICLES OBTAINED IN THIS WAY AND USE THEREOF for which Assignor has made or will make application for letters Patent of the United States: and

WHEREAS, BYK-Chemie GmbH, hereinafter referred to as Assignee, a corporation of Abelstrasse 45; D-46483 Wesel/DE; Federal Republic of Germany, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in to and under said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

Assignor hereby authorizes and requests the firm of Brannon Sowers Hughel PC of 1 North Pennsylvania Street, Suite 520, Indianapolis, IN 46204, to insert here in parentheses (Serial No. 13/139,366 Filed Cotober 31, 2011) the date and filing date of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

EXECUTED by Assignor's hand this 31	_day of, 2011.
	1.7.0-
	Ja . (cf)
	Dr.Michael Berkei
	Printed name

PATENT REEL: 033581 FRAME: 0162

ASSIGNMENT

WHEREAS, Dr. Ulrich Nolte of Wasserburgallee 40; D-47533 Kleve; Germany, hereinafter referred to as Assignor, has made a new and useful invention related to METHOD FOR PRODUCING METAL NANOPARTICLES AND NANOPARTICLES OBTAINED IN THIS WAY AND USE THEREOF for which Assignor has made or will make application for letters Patent of the United States: and

WHEREAS, BYK-Chemie GmbH, hereinafter referred to as Assignee, a corporation of Abelstrasse 45; D-46483 Wesel/DE; Federal Republic of Germany, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in to and under said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this _______ day of ________, 2011, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefore and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Brannon Sowers Hughel, PC of 1 North Pennsylvania Street, Suite 520, Indianapolis, IN 46204, to insert here in parentheses (Serial No. 13/139, 366 Filed October 31, 2011) the date and filing date of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

EXECUTED by Assignor's hand this _O /	day of	, 2011.
	wil	Melle
	<u>Dr.Ulricl</u> Printed	

PATENT REEL: 033581 FRAME: 0163

RECORDED: 08/21/2014