503361200 06/23/2015

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3407822

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE: Corrective Assignment to correct the ASSIGNEE'S ADDRESS previously recorded on Reel 035836 Frame 0334. Assignor(s) hereby confirms the

ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
Klaus ENDRES	05/18/2015
Christian SCHMIDT	05/18/2015
Luis GENOLET	05/18/2015
Barbara KUTZKY	05/18/2015
Heike SCHNEIDER	05/18/2015

RECEIVING PARTY DATA

Name:	EPG (ENGINEERED NANOPRODUCTS GERMANY) AG
Street Address:	GOETHESTRASSE 30
City:	GRIESHEIM
State/Country:	GERMANY
Postal Code:	64347

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14646477

CORRESPONDENCE DATA

503361200

Fax Number: (703)836-2787

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: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER: 166080

NAME OF SUBMITTER: ANGELA M. NOLAN

SIGNATURE: /Angela M. Nolan/

DATE SIGNED: 06/23/2015

PATENT REEL: 036010 FRAME: 0179

Total Attachments: 3

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PATENT REEL: 036010 FRAME: 0180

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3396329

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
Klaus ENDRES	05/18/2015		
Christian SCHMIDT	05/18/2015		
Luis GENOLET	05/18/2015		
Barbara KUTZKY	05/18/2015		
Heike SCHNEIDER	05/18/2015		

RECEIVING PARTY DATA

Name: EPG (ENGINEERED NANOPRODUCTS GERMANY) AG		
Street Address:	GOETHESTRASSE 30	
City:	GRIESHEIM	
State/Country:	GERMANY	
Postal Code:	G437	

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14646477			

CORRESPONDENCE DATA

Fax Number:

(703)836-2787

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:

703-836-6400

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Correspondent Name:

JAMES A. OLIFF

Address Line 1:

OLIFF PLC

Address Line 2:

P.O. BOX 320850

Address Line 4:

ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	166080
NAME OF SUBMITTER:	ANGELA M. NOLAN
SIGNATURE:	/Angela M. Nolan/
DATE SIGNED:	06/15/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 036010 FRAME: 0181

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	165614	(1)	Klaus ENDRES		(2)	Christian SCHMIDT
(1-8)	Legal Name(s)	(3)	Luis GENOLET		(4)	Barbara KUTŽKY
	of Inventor(s)	(5)	Heike SCHNEIDER		(6)	Manufacture and the state of th
		(7)		7.0	(8)	
		In consideration of the sum of one dollar (\$1,00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(9)	Insert Name of Assignce	(9)	EPG (ENGINEERED	NANOPRODUCTS	GERI	MANY) AG
(10)	Insert Address of Assignee	(10)	(10) Goethestrasse 30, 64347 Oriesheim, GERMANY			
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. 9100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
1111	Insert Identification such as Title, Case	(11)	HIGHLY ABRASION	RESISTANT ANTI	·LIM	ESCALE LAYERS WITH HIGH CHEMICAL
	Number, or Foreign Application Number		RESISTANCE			the state of the second
		(Alton	ney Docket No. 1660	80), f	iled on even date herewith or as
(12)	Alternative	(12)	U.S. Application Numbe	r 14/646,4°	77	
	filed applications	filed	May 21 2015			

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or
- reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

(13)Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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ste	18.08 2015	Inventor Signa	ture 1655	(SEAL)
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1c	18.05.2015	Inventor Signs	ave M	(SEAL)
te	18.08 2025	Inventor Signal	one B. Untily	(SEAL)
ite	18.05. 2015	Inventor Signat	ure <u>(VEUU)</u>	(SEAL)
(e		Inventor Signat	ure	(SEAL)
e _		Inventor Signat	are	(SEAL)
e		_ Inventor Signati	ire	(SEAL)
hes, tl	This assignment should preferably be sig ten it should be signed before at least two	med before: (a) a Notary o witnesses who also sig	Public if within the U.S.A. (b) a U.S. Consul if outside to there:	the U.S.A. If
e _	18 05 2015	Witness	De patter	
e	18. 05. 20,15	Witness	5-26c.2	