

A/③ 581-40

Docket No.: 3088 **10/474983**FORM PTO-1595 (Modified)  
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02-27-2004

SHEET

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102680044

## 1. Name of conveying party(ies):

**RALPH NONNINGER  
OLAF BINKLE**

## 2. Name and address of receiving party(ies):

Name: **ItN-NANOVATION GmbH**Address: **Im FELSBRUNNEN 7**Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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City: **SAARBRUCKEN** State/Prov.: \_\_\_\_\_  
Country: **GERMANY** ZIP: **D-66119**Execution Date: **9/26/2003 and 09/29/2003**Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

**10474983**

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No. \_\_\_\_\_

Filing date \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

10/09/03 PAYPASH 00000135 10474983

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Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **WALTER A. HACKLER**Registration No. **27,792**Address: **2372 S.E. BRISTOL STREET, SUITE B**City: **NEWPORT BEACH** State/Prov.: **CA**Country: **US** ZIP: **92660-0755**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.***WALTER A. HACKLER**

Name of Person Signing

Signature

**OCTOBER 9, 2003**

Date

Total number of pages including cover sheet, attachments, and document: **1**Mail documents to be recorded with required cover sheet information to:  
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**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
**3088**

*This is an Assignment of the following rights, title and interest: (check all that apply):*

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☒ *United States Patent Application Serial No.* \_\_\_\_\_

*Date of Execution:* \_\_\_\_\_

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☐ *United States Provisional Patent Application Serial No.* \_\_\_\_\_

☐ *United States Patent No(s).* \_\_\_\_\_

☒ *International (PCT) Patent Application Serial No.* PCT/DE02/01453

☒ *Other (specify)* DE 101 19 538.9-45 GERMANY

***Title of the Invention***

FUNCTIONAL CERAMIC LAYERS BASED ON A SUPPORT LAYER PRODUCED WITH CRYSTALLINE NANOPARTICLES

***Inventors (assignors)***

<i>Name</i>	<i>Address</i>
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OLAF BINKLE	BLIESKASTELERSTRASSE 20, D-66459 KIRKEL, GERMANY

***Assignee***

<i>Name</i>	<i>Address</i>
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**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
3088

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

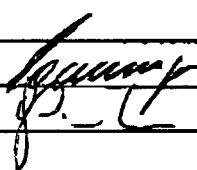
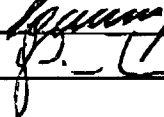
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
RALPH NONNINGER	 26.09.03
OLAF BINKLE	 29/9/13