To the Honorable Commission To the Honorable Commission To the Honorable Commission To the Honorable Commission Tagesh Yadav, Karl Pfaffenbach, Clayton Kostelecky, Evan Franke, Bijan Miremadi, and Ming Au Street address: 14330 Longs Peak Court, Longmont, CO 80504 Additional number(s) of conveying party(ies) attached? Yes No Name (NanOrboducts Corporation) Street address: 14330 Longs Peak Court, Longmont, CO 80504 Additional number(s) & address(s) attached? Yes No Additional number(s) & address(s) attached? Yes No Name (NanOrboducts Corporation) Street address: 14330 Longs Peak Court, Longmont, CO 80504 Additional number(s) & address(s) attached? Yes No Name: NanOrboducts Corporation Street address: 14330 Longs Peak Court, Longmont, CO 80504 Additional number(s) & address(s) attached? Yes No No No No No No No N	FORM P	TO-1595	08-04-20		ŒET	U.S. Department of Commerce U.S. Patent and Trademark Office	
1. Name of conveying party(ies): Tapesh Yadav, Karl Pfaffenbach, Clayton Kostelecky, Evan Franke, Bijan Miremadi, and Ming Au Additional narre(s) of conveying party(se) attached? Yes No 3. Nature of conveyance: Merger Security Agreement Change of Name Other Execution Dates: 03/28/2002; 03/28/2002; 05/20/1998; 5/21/1998; 05/21/1998; 05/21/1998; 05/21/1998; 05/21/1998; 05/21/1998; 05/20/1998; 5/21/1998; 05/21/1998; 05/20/1998; 1f this document is before given with a new application, the execution date of the application is: 03/28/2002; 11/17/20 A Patent Application No.(s) A Parent Application No.(s) Attorney Docket No.: 80741.0032.004 Additional name(s) & address(e) attached? Yes No 5. Name and Address of party to whom correspondence concerning document should be mailed: Name: Stuart T. Langley Internal Address: Hogan & Hattsonux One Tabor Center 200 17th Street, Suite 1500 Street Address: Same as above City: Denver State: CO Zip: 80202 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document. Sunart T. Langley Name of Person signing 102805643 Name: AnanoProducts Copporation Street address: 14330 Longs Peak Court, Longmont, CO 80504 Additional name(s) & address(e) attached? Yes No Additional name(s) & address(e) attached? Yes No B. Patent No.(s) B. Patent No.(s) Additional name(s) & address(e) attached? Yes No 5. Name and Address of party to whom correspondence concerning document should be mailed: Name: Snant T. Langley Name of Person signing 1. To take the definition of the application is: 03/28/2002; 11/17/20 B. Patent No.(s) Additional name(s) & address(e) attached? Yes No Additional name(s) & address(e) attached? Yes No No No No No No 1. Total free (37 CFR 3.41)	-						
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Kostelecky, Evan Franke, Bijan Miremadi, and Ming Au Additional name(s) of conveying party(ies) attached? Ves No Neture of conveyance: Assignment	1.	Name of conveying party(ies):			ress of receiving	ng party(ies)	
Merger Change of Name Change of Name Change of Name Other Execution Dates: 03/28/2002; 03/28/2002; 05/20/1998; 5/21/1998; 05/21/1998; 05/21/1998; 05/20/1998, respectively. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 03/28/2002; 11/17/20 11/27/2000; 12/20000; and 12/21/2000. A. Patent Application No.(s) Attorney Docket No.: 80741.0032.004 Additional numbers attached?	Kostelecky, Evan Franke, Bijan Miremadi, and Ming Au			Street addre	ss: 14330 Lon	gs Peak Court, Longmont, CO	
If this document is being filed together with a new application, the execution date of the application is: 03/28/2002; 11/17/20 11/27/2000; 12/29/2000; and 12/21/2000. A. Patent Application No.(s) Attorney Docket No.: 80741.0032.004 Additional numbers attached? So No So Name and Address of party to whom correspondence concerning document should be mailed: Name: Stuart T. Langley Internal Address: Hogan & Hartson Lip One Tabor Center 1200 17th Street, Suite 1500 Street Address: same as above City: Denver State: CO Zip: 80202 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document. Stuart T. Langley Name of Person signing Signature July 27, 2004 Date	3.	Assignment ☐ Security Agreement ☐ Other Execution Dates: 03/28/2002; 03/2 5/21/1998; 05/21/1998; 05/21/1998	Change of Name 8/2002; 05/20/1998;			7510 U.S. PTO 10/899595 072704	
Additional numbers attached? Yes No 5. Name and Address of party to whom correspondence concerning document should be mailed: Name: Stuart T. Langley Internal Address: Hogan & Hartson Lp One Tabor Center 1200 17th Street, Suite 1500 Street Address: same as above City: Denver State: CO Zip: 80202 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document. Stuart T. Langley Name of Person signing Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	4.	If this document is being filed toget	her with a new application	on, the execution of	late of the appl	lication is: 03/28/2002; 11/17/2000;	
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1 6	9.	To the best of my knowledge and be original document. Stuart T. Langley Name of Person signing	Signature Signature	July 2 Date	27, 2004		

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PATENT EXPRESS MAIL NO. EL954331124US Attorney Docket No. Λ60 Client/Matter No. 80741.0032

ASSIGNMENT

WHEREAS, we, TAPESH YADAV, having a residence address of 14330 Longs Peak Court, Longmont, CO 80504, and KARL PFAFFENBACH, having a residence address of 14330 Longs Peak Court, Longmont, CO 80504, have made a certain new and useful invention relating to a POST-PROCESSED NANOSCALE POWDERS AND METHODS FOR SUCH POST-PROCESSING, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. A60 and Client/Matter No. 80741.0032, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith, and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, NanoProducts Corporation, hereinafter ASSIGNEE, a Delaware corporation, whose post office address is 14330 Longs Peak Court, Longmont, CO 80504, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefore;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining

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original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 03.28.02

rapesh yaday

Date: 3/28/02

KARL PFAFFENBACH

EXPRESS MAIL NO. EL841973952U\$
Attorney Docket No. A9 DIV
Client/Matter No. 80741.0008.001

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Tapesh Yadav, Clayton Kostlecky, Evan Franke, Bijan Miremadi, and Ming Au

Sell, assign and transfer to Nanomaterials Research Corporation, having a place of business at 2849 East Elvira Road, Tucson, AZ 85706, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed today, May 22, 1998, Serial No.

(authorization is given for counsel to fill in date and serial number), entitled "Nanostructured Fillers and Carriers" and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed in passessed by us.

Dated: _	5-20-98	Tabedhladan .
		Tapesh Yadav
Dated:	5-20-88	Sough Minglel Witnessed by:
		Witnessed by:
Dated:	5-20-98	Charge A. Cox Witnessed by:
		Witnessed by:

PATENT REEL: 015628 FRAME: 0924

Dated: 5/21/98	Clayion Hostlecky Kosteleck
Dated: 5/21/98	Witnessed by:
Dated: 5-21-98	Witnessed by:
Dated: 5/21/48	Evan Franke
Dated: 5/21/98	Witnessed by:
Dated: <u>5/21/98</u>	Molin und Kasklacken Witnessed by:
Dated: 5/21/98	Bijar Miremadi Bijan Miremadi
Dated: 5-21-88	Wityessed by:
Dated: 5/21/98	Witnessed by:
Dated:	Ming Au
Dated: 5/20/98	Witnessed by:
Dated: 5/20/98	Witnessed by:

Dated:

RECORDED: 07/27/2004

PATENT REEL: 015628 FRAME: 0925