

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PCHEM ASSOCIATES, INC.	01/28/2014
RECEIVING PARTY DATA		
Name:	NCC NANO, LLC	
Street Address:	1221 MERIT DRIVE	
Internal Address:	SUITE 930	
City:	DALLAS	
State/Country:	TEXAS	
Postal Code:	75251	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Patent Number:	7931941	
Patent Number:	7763362	
Patent Number:	8243271	
Patent Number:	8673049	
Application Number:	12501440	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	5123436116	
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Correspondent Name:	RUSSELL NG PLLC	
Address Line 1:	8729 SHOAL CREEK BLVD	
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ATTORNEY DOCKET NUMBER:	PCHEM TO NCC ASSIGNMENT	
NAME OF SUBMITTER:	ANTONY P. NG	
SIGNATURE:	/Antony P. Ng/	
DATE SIGNED:	08/12/2014	
Total Attachments: 2		

PATENT

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ASSIGNMENT

WHEREAS, **PCHEM Associates, Inc.** a Pennsylvania company having a place of business at 3599 Marshall Lane, Suite D, Bensalem, Pennsylvania 19020 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNOR"), is the owner of the entire right, title, and interest in the U.S. patents and U.S. patent application listed in Exhibit A hereof and all inventions therein;

AND WHEREAS, **NCC Nano, LLC**, a Texas limited liability company, whose address is 1221 Merit Drive, Suite 930, Dallas, Texas 75251 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to the U.S. patents and U.S. patent application listed in Exhibit A, and all the inventions therein, and ASSIGNOR is willing to enter into an assignment of such U.S. patents, U.S. patent application, and the inventions therein.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, ASSIGNOR hereby sells, assigns, and otherwise transfers to ASSIGNEE the entire right, title and interest in and to the U.S. patents and U.S. patent application listed in Exhibit A, and all continuations, divisionals, reexaminations, reissues and substitutes thereof, all inventions therein, including without limitation all rights to claim priority on the basis thereof, and any and all applications for patents which are or may hereafter be filed for the inventions in any foreign country and all patents which may be granted on these inventions in any foreign country, and all extensions, renewals, and reissues thereof; and including without limitation, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

ASSIGNOR hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

ASSIGNOR hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said U.S. patents and U.S. patent application, and, at ASSIGNEE's expense, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary and desirable to perfect the title to any aforementioned patents, patent application, and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 28th day of January, 2014.

PCHEM Associates, Inc.

By: Gregory A. Jablonski

Name: Gregory A. Jablonski

Title: President

EXHIBIT A

1. U.S. Patent No. 7,931,941, entitled "SYNTHESIS OF METALLIC NANOPARTICLE DISPERSIONS CAPABLE OF SINTERING AT LOW TEMPERATURES"
2. U.S. Patent No. 7,763,362, entitled "SHIELDING BASED ON METALLIC NANOPARTICLE COMPOSITIONS AND DEVICES AND METHODS THEREOF"
3. U.S. Patent No. 8,243,271, entitled "METHODS FOR FABRICATING ANALYTICAL SUBSTRATES USING METALLIC NANOPARTICLES"
4. U.S. Patent No. 8,673,049, entitled "LOW-TEMPERATURE SINTERED SILVER NANOPARTICLE COMPOSITION AND ELECTRONIC ARTICLES FORMED USING THE SAME"
5. U.S. Patent Application No. 12/501,440, entitled "METALLIC NANOPARTICLE SHIELDING STRUCTURE AND METHODS THEREOF"