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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027		U.S. Department of Commerce Patent and Trademark Office PATENT
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Name (line 1) UT-BATTELLE, LLC		10/21/2005
Name (line 2)		Execution Date
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Public burden reporting for this collection of information is estimated to and gathering the data needed to complete the Cover Sheet. Send c Washington, D.C. 20231 and to the Office of Information and Regulatory See OMB Information Collection Budget Package 0651-0027, Patent and Mail documents to be re Mail Stop Assignment Recordation Set	omments regarding this burden estimate to the U.S. Pa Affairs, Office of Management and Budget, Paperwork I Trademark Assignment Practice. DO NOT SEND REQUE	atent and Trademark Office, Chief Information Officer, Reduction Project (0651-0027), Washington, D.C. 20503. ESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS
Mail Stop Assignment Recordation Sel 700229352 P.O. Bo	x 1450, Alexandria, VA 22313,1450 REEL:	

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent	Name and Address	Area Code and Telephone Number [202-586-2805 (FAX)
Name Bren	da K. Banks		
Address (line 1) U.S.	Department of Energy		
Address (line 2) 1000	Independence Avenue, S.W.		
Address (line 3) Wasi	nington, D. C. 20585-0162		
Address (line 4) Tele	ohone (Voice): 202-586-2802		
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	nber(s) or Patent Nun		additional numbers attached
	ent Application Number or the P Application Number(s)	Patent Number (DO NOT ENTER BOTH numbers t Pater	for the same property). nt Number(s)
11/227,586		ent Application, enter the date the patent applicat	
Enter P(only if a	tion Treaty (PCT) CT application number U.S. Application Number been assigned.	PCT PCT	PCT
Number of Prop	Enter the total	number of properties involved.	f
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41): \$	6.00
Method of F Deposit Acc (Enter for payr	count nent by deposit account or if add	Deposit Account	¥
		Authorization to charge additional fees:	Yes No 🗸
Statement and	Signature		
To the bes attached o indicated i	t of my knowledge and be opy is a true copy of the o herein. Ida K. Banks	elief, the foregoing information is true a original document. Charges to deposit Aunda KBanks Signature	and correct and any t account are authorized, as $\frac{ e 7 05}{}$

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11/227,586

DOE Docket ID 1521.0 S-105,123

CONFIRMATORY LICENSE

Title:	Fermentative Process for Making Inorganic Nanoparticles
Inventor(s):	Tommy J. Phelps, Robert J. Lauf, Ji-Won Moon, and Yul Roh
Serial No.:	11/227,586
Filing Date (U.S.)	September 15, 2005
Contractor:	UT-Battelle, LLC
DOE Contract No.:	DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 21^{51} day of October, 2005.

UT-Battelle, LLC

By Casey Porto

Director, Office of Technology Transfer

PATENT REEL: 017098 FRAME: 0996

RECORDED: 12/07/2005