FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	JC/2	10-16-2002	U.S Pal	D S. Department of Commerce tent and Trademark Office PATENT			
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FORM	PTO-1619B
Expires 06	/30/99
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U.S. Department of Commerce Patent and Trademark Office

OMB 0651-0027		Page 2	•	PATENT
Correspond	dent Name and Address	Area Code and Telephone	Number	202-586-2802
Name	Betty A. Winchester			
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Pages	Enter the total number of parincluding any attachments.	ges of the attached conveyar	nce document	# 1
Application	n Number(s) or Patent Nur	mber(s)	Mark if addit	ional numbers attached
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P	atent Application Number(s)	4,997,804	Patent Nu	
		4,577,804		
If this document	t is being filed together with a new Pat	ent Application, enter the date the pa	atent application	Month Day Year
Patent Coo	peration Treaty (PCT)		_	
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Nar	ne of Person Signing	Signature		Date

PATENT

REEL: 13362 FRAME: 0982

ASSIGNMENT AND CONFIRMATORY LICENSE

01/4/06,009 now pat 4492304

Title: Low Density Resorcinol-Formaldehyde Aerogels

Inventor(s): Richard W. Pekala Contract Number: W-7405-ENG-48

Contractor: Regents of the University of California

(Lawrence Livermore National Labora

DOE Docket No.: S-70,253 (RL-10776) U.S. Patent Application: S.N.: 07/406,009

Filing Date: September 12, 1989 U.S. Patent No.: 4,997,804

Issue Date: March 5, 1991

Class Waiver Number: W(C)1996-004

Foreign patent applications filed or intended to be filed at contractor's expense: None.

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract has been previously submitted to the U.S. Department of Energy by certification dated February 29, 1996.

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy, has been assigned the entire right, title and interest in and to the above-identified invention in the United States; and

WHEREAS, a waiver of Government rights in the above-identified invention, having an effective date of May 18, 1999 has been granted to the Contractor.

NOW, in conformity with said waiver of Government rights, the Government of the United States as represented by the U.S. Department of Energy, HEREBY ASSIGNS AND TRANSFERS to the Contractor the entire right, title and interest to the above-identified invention, including the above-identified patent applications and any resulting patents, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver and such other rights required under 10 CFR 784 to be retained or reserved to the Government.

ACCORDINGLY, the Contractor hereby confirms that under the provisions the above-identified contract governing patent rights and the above-identified waiver, 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 above-identified invention, the aboveidentified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon. This instrument is also confirmatory of the rights required to be granted to the Government under 10 CFR 784 where a waiver is granted to an invention, patent application, and any resulting patent, and of all other rights reserved to the Government under 10 CFR 784.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

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

Approved and granted on behalf of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

Assistant General Counsel for Technology

Transfer and Intellectual Property

onsented to on behalf of The Rege*nt*s of the University of California

By:_ Clean (Official's Signature)

Wendy R. Pebler, Paralegal (Print/Type Name and Title)

RECORDED: 10/08/2002

Alan H. Thompson, Deputy Laboratory Counsel for Intellectual Property (Print/Type Official's Name and Title)

PATENT

REEL: 13362 FRAME: 0983