FORM. PTO-1619A Expires 06/30/99 OMB 0651-0027

12/31/01

DEC 31 200 /



01-03-2002

101933013

RECORDATION FORM COVER SHEET PATENTS ONLY

PATENTS ONLY			
TO: The Commissioner of Patents and Trademark		ocument(s) or copy(ies).	
Submission Type	Conveyance Type		
New	Assignment Security	Agreement	
Resubmission (Non-Recordation) Document ID#	License Change of	of Name	
Correction of PTO Error Reel # Frame #		CONFIRMATORY LICENSE	
Corrective Document	<i>U.S. Governn</i> (For Use ONLY by U.S. Gover		
Reel # Frame #	✓ Departmental File	Secret File	
Conveying Party(ies)	Mark if additional names of conveyi	ing parties attached Execution Date Month Day Year	
Name (line 1) THE UNIVERSITY OF CHICAGO 9/26/2001			
Name (line 2)			
Second Party	Execution Date Month Day Year		
Name (line 1)			
Name (line 2)			
Receiving Party Mark if additional names of receiving parties attached			
Name (line 1) UNITED STATES DEPARTMENT OF ENERGY If document to be recorded is an assignment and the			
Name (line 2)			
Address (line 1) 1000 INDEPENDENCE AVENUE, S.W. of a domestic representative is attached. (Designation must be a separate document from			
Address (line 2)	Assignment.)		
Address (line 3) WASHINGTON	D. C. USA	20585	
Domestic Representative Name and Address Enter for the first Receiving Barty only			
Name	Enter for the first Receiv	ing Party Only.	
Address (line 1)			
Address (line 2)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
FOR OFFICE USE ONLY			

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington.

Washington,
D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

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 Addre	SS Area Code and Telephone Number	[630] 252-2393
Name ROBERT J. FISHER		
Address (line 1) U.S. DEPARTMENT OF EN	ERGY	
Address (line 2) OFFICE OF INTELLECTUA	L PROPERTY LAW	
Address (line 3) 9800 SOUTH CASS AVENUE	3	
Address (line 4) ARGONNE, ILLINOIS 604	39	
Pages Enter the total number of including any attachme	of pages of the attached conveyance docun	nent # 01
Application Number(s) or Patent	` '	f additional numbers attached
Enter either the Patent Application Number of Patent Application Number	or the Patent Number (DO NOT ENTER BOTH number:	s for the same property). nt Number(s)
09/213,551 09/213,551	rate	Tit Number(s)
If this document is being filed together with a newas	ew Patent Application, enter the date the patent applic	cation Month Day Year
Patent Cooperation Treaty (PCT)	PCT PCT	PCT
Enter PCT application number only if a U.S. Application Number assigned.	er	PCT
Number of Properties	total number of properties involved.	# 01
Fee Amount Fee Am	nount for Properties Listed (37 CFR 3.41):	\$
	Enclosed Deposit Account	
(Enter for payment by deposit account of	or if additional fees can be charged to the Deposit Account Number:	#
	Authorization to charge additional fees:	Yes No 🗸
Statement and Signature	P. C.	
	nd belief, the foregoing information is true the original document. Charges to deposi	
Mark P. Dvorscak	Morsial	NOV 0 2 2001
Name of Person Signing	Signature	Date

PATENT REEL: 012402 FRAME: 0523

DOE Docket No.: S-92,193 ANL Case No.: ANL-IN-96-073b

CONFIRMATORY LICENSE

Application for: ULTRA LOW FRICTION CARBON/CARBON COMPOSITES FOR

EXTREME TEMPERATURE APPLICATIONS

Inventors: Ali Erdemir, Donald E. Busch, George R. Fenske, Sam Lee.

Gary Shepherd, and Gary J. Pruett

Serial No.: 09/213,551

Filing Date: December 17, 1998 Contract No.: W-31-109-ENG-38

Contractor: The University of Chicago

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on February 8, 1996) 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 to 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 agreement 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 26th day of September, 2001

THE UNIVERSITY OF CHICAGO (Contractor)

By: Kine R La fever

Deputy to Vice President for Argonne National Laboratory

PATENT
RECORDED: 12/31/2001 REEL: 012402 FRAME: 0524