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



U.S. Department of Commerce Patent and Trademark Office PATENT

RECORDATION FORM COVER SHEET

PATENTS ONLY							
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).							
Submission Type $\frac{10}{n}$	Conveyance Typ	De					
✓ New /8/3//0/	Assignment	Security Ag	reement				
Resubmission (Non-Recordation) Document ID#	License	Change of N	lame				
Correction of PTO Error Reel # Frame #	Merger		ifirmatory L	icense			
Corrective Document	(For Us	U.S. Government se ONLY by U.S. Governm	77 ent Agencies)				
Reel # Frame #	 -	partmental File		et File			
Conveying Party(ies)	Mark if additiona	l names of conveying	parties attac	hed Execution Date Month Day Year			
Name (line 1) Brookhaven Science Associates				08/08/2001			
Name (line 2)				Execution Date			
Second Party				Month Day Year			
Name (line 1)							
Name (line 2)							
Receiving Party	N	lark if additional name					
Name (line 1) United States Department of Energy				If document to be recorded is an assignment and the			
Name (line 2)				receiving party is not domiciled in the United States, an appointment of a domestic			
Address (line 1) 1000 Independence Avenue				representative is attached. (Designation must be a separate document from			
Address (line 2)				Assignment.)			
Address (line 3) Washington	D.C. USA		20585				
City	State/Country		Zip Code	AND THE RESIDENCE OF THE PARTY			
Domestic Representative Name and Address Enter for the first Receiving Party only.							
Name							
Address (line 1)							
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,

viasinington,
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				

U.S. Department of Commerce

Expires 06/30/99 OMB 0651-0027		Page 2	Pat	ent and Trademark Office PATENT
Correspond	dent Name and Address	Area Code and Telephone N	ımber	630-252-2393
Name	Robert J. Fisher			
Address (line 1)	U.S. Department of Energy			
Address (line 2)	Intellecual Property Law Division			
Address (line 3)	9800 S. Cass Ave			
Address (line 4)	Argonne, IL 60439			
Pages	Enter the total number of pag including any attachments.	es of the attached conveyance	document	# 01
Application	Number(s) or Patent Num	nber(s)	Mark if addition	al numbers attached
	the Patent Application Number or the F atent Application Number(s)	Patent Number (DO NOT ENTER BOTH	numbers for the s Patent Num	
09/785,053				
If this document was	is being filed together with a new Pate	ent Application, enter the date the pate	nt application	Month Day Year
Patent Coo	peration Treaty (PCT)	POT DOT	110000000000000000000000000000000000000	PCT
onl	ter PCT application number ly if a U.S. Application Number s not been assigned.	PCT PCT PCT		PCT
Number of	Properties Enter the total	number of properties involved.	#	
Fee Amoun	t Fee Amount	for Properties Listed (37 CFR 3	3.41): \$	0.00
Deposi	d of Payment: Enclo it Account or payment by deposit account or if add			
(Eitter 10		Deposit Account Number:	#	
		Authorization to charge additional	fees: Yes	No 🗸
Statement a	and Signature			
attacl	e best of my knowledge and be hed copy is a true copy of the o ated herein.	lief, the foregoing information or original document. Charges to	is true and cor deposit accou	rect and any nt are authorized, as
	Mark P. Dvorscak	MPDiospale		829-01
Nam	ne of Person Signing	Signature		Date

PATENT

REEL: 012126 FRAME: 0501

CONFIRMATORY LICENSE

Application for:

METHOD OF FABRICATING A HIGH ASPECT RATIO

MICROSTRUCTURE

Inventor(s):

John B. Warren

Serial No.:

09/785,053

Filing Date (U.S.):

2/16/01

Contract No.:

DE-AC02-98CH-10886

Contractor:

Brookhaven Science Associates

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (executed on January 5, 1998) 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 on behalf of the United States the subject invention throughout the world. This license applies to the invention in the aboveidentified 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 ______, 2001.

BROOKHAVEN SCIENCE ASSOCIATES/ BROOKHAVEN NATIONAL LABORATORY

By

RECORDED: 08/31/2001

Margaret C. Bogosian

Manager, Office of Intellectual Property

And Industrial Partnerships

Brookhaven National Laboratory

Bldg. 475D - P.O. Box 5000

Upton, New York 11973-5000

PATENT

REEL: 012126 FRAME: 0502