		<u> </u>		
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 PE 07	-29-2002	U.S. Department of Commerce Patent and Trademark Office PATENT		
REC 1	02171578			
.9	TFURM COVER SHEET ENTS ONLY			
	EN I S ONL I se record the attached original docu	iment(s) or copy(ies).		
Submission Type Cor	veyance Type			
New /// 20/09	Assignment Security Ag	reement		
Resubmission (Non-Recordation) Document ID#	License Change of N	łame		
Correction of PTO Error Reel # Frame #	Merger	nfirmatory License		
Corrective Document	U.S. Governmer (For Use ONLY by U.S. Governm			
Reel # Frame #	Departmental File	Secret File		
Conveying Party(ies)	Mark if additional names of conveying	parties attached Execution Date  Month Day Year		
Name (line 1) California, University of		12/14/01		
Name (line 2)		Financian Pete		
Second Party		Execution Date  Month Day Year		
Name (line 1)				
Name (line 2)				
Receiving Party	Mark if additional name	s of receiving parties attached		
Name (line 1) U.S. 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		
Address (line 1) P. O. Box 808 (L-376)		of a domestic representative is attached. (Designation must be a		
Address (line 2)		separate document from Assignment.)		
Address (line 2)				
Address (line 3) Livermore City	State/Country	94550 Zip Code		
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, 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

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

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	(925) 422-4367		
Name William C. Daubenspeck				
Address (line 1) U.S. Department of Energy				
Address (line 2) Lawrence Livermore National Labora	atory			
Address (line 3) P. O. Box 808 (MS L-376)				
Address (line 4) Livermore, CA 94550				
Pages Enter the total number of page including any attachments.	es of the attached conveyance docume	nt # 1		
Application Number(s) or Patent Num		dditional numbers attached		
Enter either the Patent Application Number or the P				
Patent Application Number(s)		Number(s)		
	5,487,834			
If this document is being filed together with a new Paterwas	nt Application, enter the date the patent applicati	ion Month Day Year		
Patent Cooperation Treaty (PCT)	POT DOT	PCT		
Enter PCT application number	PCT PCT	PGI		
only if a U.S. Application Number has not been assigned.	PCT PCT	PCT		
Number of Properties  Enter the total in	number of properties involved.	1		
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41): \$	0.00		
Method of Payment: Enclos  Deposit Account  (Enter for payment by deposit account or if add	·			
	Deposit Account Number: #			
ļ	Authorization to charge additional fees:	Yes No 🗸		
Statement and Signature				
To the best of my knowledge and be	lief, the foregoing information is true ar	nd correct and any		
attached copy is a true copy of the o indicated herein.	riginal document. Charges to deposit a	account are authorized, as		

Janet L. Rego
Name of Person Signing

PATENT REEL: 013117 FRAME: 0264

Patent Application Filed in the Name of the Contractor Class Waiver (8/00)

REEL: 013117 FRAME: 0265

## **CONFIRMATORY LICENSE**

Title: Methods for Microbial Filtration of Fluids

Inventor(s): Margaret L. Carman et al. Contract Number: W-7405-ENG-48 Contractor: Regents of the University of California

**RECORDED: 07/22/2002** 

DOE Docket No.: S-72,941 (RL-11264)

Docket No.: IL-8655

U.S. Patent Application S.N.: 08/015,237

Filing Date: February 9, 1993 U.S. Patent No.: 5,487,834 Issue Date: January 30, 1996 Waiver No.: W(C) 92-002-019

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

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

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

WHEREAS, the above-identified Class Waiver of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified 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 above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

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.

Signed oi Witness:	410 (3/4). "	E UNIVERSITY OF CALIFORNIA Contractor  (Contractor Official's Signature)  (Date)
	Wendy R. Pebler, Paralegal (Name and Title)	Alan H. Thompson, Deputy Laboratory (Print/Type Contractor Official's Name and Title)  Counsel for Intellectual Property  Lawrence Livermore National Laboratory (Print/Type Contractor's Address)  P. O. Box 808, L-701
		Livermore, CA 94551-0808 PATENT