FORM PTO-1618A Expires 06/30/99 OMB 0651-0027

09-28-2001



101859142

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

	PATENTS ONL'					
	marks: Please record the attached original document(s) or copy(ies).					
Submission Type	Conveyance Type					
	Assignment	Security Agree	ment			
Resubmission (Non-Recordation) Document ID#	License	Change of Nam	ne			
Correction of PTO Error Reel # Frame #	Merger		matory License			
Corrective Document	U.S. Government (For Use ONLY by U.S. Government Agencies)					
Reel # Frame #		partmental File	Secret File			
Conveying Party(ies)	Mark if additiona	I names of conveying par	ties attached Execution Date Month Day Year			
Name (line 1) California, Regents of the University o	f		7/5/01			
Name (line 2)						
Second Party			Execution Date Month Day Year			
Name (line 1)						
Name (line 2)						
Receiving Party	Ma	ark if additional names of	receiving parties attached			
Name (line 1) U.S. Department of Energy			If document to be recorded Is an assignment and the receiving party is not			
Name (line 2)			domiciled in the United States, an appointment of a domestic			
Address (line 1) P. O. Box 808 (L-376)			representative is attached. (Designation must be a separate document from			
Address (line 2)			Assignment.)			
Address (line 3) Livermore	CA	945	50			
Domostic Poprocentative Name and Ad	State/Country	Zip Co	de			
Domestic Representative Name and Ad	aress Enter f	for the first Receiving Par	ty only.			
Name						
Address (line 1)						
Address (line 2)						
Address (line 3)						
Address (line 4)						

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

FOR OFFICE USE ONLY

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2 S Area Code and Telephone Number		U.S. Department of Commerce Patent and Trademark Office PATENT (925) 422-4367		
Correspondent Name and Address					
Name William C. Daubenspeck					
Address (line 1) U.S. Department of Energy					
Address (line 2) Lawrence Livermore National Labo	ratory				
Address (line 3) P. O. Box 808 (MS L-376)					
Address (line 4) Livermore, CA 94550					
Pages Enter the total number of pagincluding any attachments.	ges of the attached conveyance docu	ment	#	1	
Application Number(s) or Patent Num Enter either the Patent Application Number or the I Patent Application Number(s) 09/781073 [If this document is being filed together with a new Patewas	Patent Number (DO NOT ENTER BOTH number	ers for the sa ent Numb			
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT		PCT PCT		
Number of Properties	number of properties involved.	#	1		
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41):	\$		0.00	
		#Yes [No	J	

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as

indicated herein.

Janet L. Rego

Name of Person Signing

re 9/19/2000 Date

CONFIRMATORY LICENSE

Title: High Precision, Rapid Laser Hole Drilling

Inventor(s): Jim J. Chang et al.

Contractor: Regents of the University of

RECORDED: 09/24/2001

California

DOE Docket No.: S-95,365 Docket No.: IL-10719

U.S. Patent Application S.N.: 09/781,073

Filing Date: February 8, 2001 Waiver No.: W(C) 92-002-759

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>June 15, 1999</u>.

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

WHEREAS, the Class Waiver W(C) 92-002-759 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, effective March 9, 2001.

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 on behalf of:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA					
1/2	(Contractor)					
Witness:	Jables	By: _	Kenser Stell (Contractor Official's Signature)	7-5-01		
Sign	ature)		(Contractor Official's Signature)	(Date)		
	oler, Paralegal me and Title)	<u> </u>	Janet G. Tulk, Laboratory Co (Print/Type Contractor Official's Name			
	ŕ		Lawrence Livermore Nationa (Print/Type Contractor's Address	al Laboratory		
			P. O. Box 808, L-701			
			Livermore, CA 94551-0808			

PATENT REEL: 012195 FRAME: 0752