FORM PTO-1619A U.S. Department of Commerce 04-30-2002 Expires 06/30/99 Patent and Trademark Office OMB 0651-0027 **PATENT** 5-94.656 RECORDATIO-102073080 PATENTS ONLY TO: The Commissioner atents and Trademarks: Please record the attached original document(s) or copy(ies) Submission Type Conveyance Type 4-10-02 New **Assignment Security Agreement** Resubmission (Non-Recordation) License Change of Name **Document ID# Correction of PTO Error** Merger Other Confirmatory License Reel# Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel# Frame # **Departmental File** Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date th Day Name (line 1) UNIVERSITY OF CALIFORNIA 2/12/2002 Name (line 2) Execution Date Second Party Day Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) U. S. Department of Energy Is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. (Designation must be a Address (line 1) 1000 Independence Avenue, S.W. separate document from Assignment.) Address (line 2) 20585-0162 D.C. Address (line 3) Washington Zip Code State/Country **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 authorize the data peeded to complete the Cover Sheet. Send companies regarding this burden estimate to the U.S. Batent and Trademost Office. Chief Information Office. Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Gover Sheet to be recorded, including time for reviewing the documents 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, wasnington,
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

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	S Area Code and Tele	phone Number	202-586-2802
Name Brenda K. Banks		9819-00-1-2-0-1	
Address (line 1) U. S. Department of Energy			
Address (line 2) 1000 Independence Avenue, S.W	7.	A PARAMETER COMMISSION OF THE	
Address (line 3) Washington, D. C. 20585-0162			
Address (line 4)		#1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Pages Enter the total number of including any attachment		nveyance docume	# 1
Application Number(s) or Patent N	lumber(s)	Mark if a	dditional numbers attached
Patent Application Number or to Patent Application Number (s	•		r the same property). Number(s)
If this document is being filed together with a new was	Patent Application, enter the da	te the patent application	on Month Day Year
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Numl has not been assigned.		PCT PCT	PCT PCT
Number of Properties Enter the to	otal number of properties	involved. #	1

Fee Amount for Properties Listed (37 CFR 3.41): \$ Deposit Account Enclosed Method of Payment: **Deposit Account** . (Enter for payment by deposit account or if additional fees can be charged to the account.) **Deposit Account Number:** Authorization to charge additional fees: Yes Statement and Signature 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.

Brenda K. Banks

Fee Amount

Name of Person Signing

Brunda K. Banko

PATENT REEL: 012828 FRAME: 0848



09/676,464

CONFIRMATORY LICENSE

Application for

LASER IGNITION

Inventor(s)

James W. Early, Charles S. Lester

Serial No.

09/676,464

Filing Date Contract No. September 29, 2000 W-7405-ENG-36

Contractor

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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 January 12, 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 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 Contract hereby grants the Government an irrevocable power to inspect and make copies of the aboveidentified application.

Signed this 12th day of February, 2002,

RECORDED: 04/10/2002

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Ray G. Wilson

Office Leader, LC/IP

PATENT REEL: 012828 FRAME: 0849