FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	U.S. Department of Commerce Patent and Trademark Office PATENT		
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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	202-586-2805 (FAX)
Name Brenda K. Banks		
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Pages Enter the total number of pages including any attachments	ages of the attached conveyance docume	ent # 1
Application Number(s) or Patent Nu	• • •	dditional numbers attached
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If this document is being filed together with a new Pa	tent Application, enter the date the patent application	on Month Day Year
Patent Cooperation Treaty (PCT)	POT POT	
Enter PCT application number only if a U.S. Application Numbe has not been assigned.	PCT PCT PCT	PCT PCT
Number of Properties Enter the total	al number of properties involved. #	1
Fee Amount Fee Amoun	nt for Properties Listed (37 CFR 3.41): \$	0.00
-	losed Deposit Account	
Deposit Account (Enter for payment by deposit account or if a	dditional fees can be charged to the account.) Deposit Account Number: #	
·	Authorization to charge additional fees:	Yes No 🗸
Statement and Signature		
attached copy is a true copy of the indicated herein. Brenda K. Banks	pelief, the foregoing information is true an original document. Charges to deposit a supply of the s	4/17/06
Name of Person Signing	/ Signature	Date

PATENT

REEL: 017486 FRAME: 0454

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CONFIRMATORY LICENSE

Title: Imaging Spectrometer Wide Field Catadioptric Design

Inventor(s): Michael P. Chrisp DOE Docket No.: S106884

11545/A

Contract Number: W-7405-ENG-48

Contractor: Regents of the University of California

Lawrence Livermore National Laboratory

Docket No./Sub: IL-

U.S. Patent Application S.N.: 10/11/341080

Filing Date: 01/26/06 Waiver No.: W(C) 92-002

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 June 15, 1999.

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 aboveidentified 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 on behalf of:

THE REGENTS OF THE UNIVERSITY OF CALIFORNI

(Contractor)

Witness:

Denise Gray, Litigation Administrator

Alan H. Thompson, Deputy Laboratory

Counsel for Intellectual Property

Lawrence Livermore National Laboratory

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Livermore, CA 94551-0808

PATENT REEL: 017486 FRAME: 0455

RECORDED: 04/17/2006