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FORM PTO-1619B Expires 06/30/98 OMB 0851-0027	Page 2	Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	202-586-2802
Name Brenda K. Banks		
Address (line 1) U. S. Department of Energy		
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Address (line 3) Washington, D. C. 20585-0162		
Address (Ilne 4)		
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Application Number(s) or Patent Nun		additional numbers attached
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Method of Payment: Encl	losed Deposit Account Deposit	# Yes No J
Statement and Signature To the best of my knowledge and is attached copy is a true copy of the indicated herein. Brenda K. Banks Name of Person Signing	belief, the foregoing information is true e original document. Charges to depos <u>Ambo</u> Signature	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

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Rev. 01/03/96

DOE Docket No. S-89,690

CONFIRMATORY LICENSE

Application for :

METHOD FOR IDENTIFYING AND PROBING PHASE TRANSITIONS

IN MATERIALS

Inventor(s)

Blaine W. Asay, Bryan F. Henson, Robert K. Sander, Jeanne M. Robinson,

Steven F. Son, Peter Dickson

Serial No.

09/493,645

Filing Date Contract No.

January 28, 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 above-identified application.

Signed this 16th day of February, 2000,

RECORDED: 03/17/2005

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

William A. Eklund

Warle

Senior Counsel for Business and Patent Law

PATENT REEL: 015908 FRAME: 0601