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Expires 09/30/99
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06-02-1998

S-80,073

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



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5-18-98

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Correspondent Name and Address Area Code and Telephone Number 202-586-2810											
Name Betty A. Winchester											
Address (line 1) United States Department of Energy											
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<table style="width: 100%; border-collapse: collapse;"><tr><td style="text-align: center; border-bottom: 1px solid black;">Patent Application Number(s)</td><td style="text-align: center; border-bottom: 1px solid black;">Patent Number(s)</td></tr><tr><td style="border: 1px solid black; height: 20px; width: 25%;"></td><td style="border: 1px solid black; padding: 2px;">5490912</td></tr><tr><td style="border: 1px solid black; height: 20px; width: 25%;"></td><td style="border: 1px solid black; height: 20px; width: 25%;"></td></tr><tr><td style="border: 1px solid black; height: 20px; width: 25%;"></td><td style="border: 1px solid black; height: 20px; width: 25%;"></td></tr><tr><td style="border: 1px solid black; height: 20px; width: 25%;"></td><td style="border: 1px solid black; height: 20px; width: 25%;"></td></tr></table>		Patent Application Number(s)	Patent Number(s)		5490912						
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<small>If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.</small> Month Day Year 											
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<table style="width: 100%; border-collapse: collapse;"><tr><td style="border: 1px solid black; width: 25%;"></td><td style="border: 1px solid black; width: 25%;"></td><td style="border: 1px solid black; width: 25%;"></td><td style="border: 1px solid black; width: 25%;"></td></tr><tr><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td><td style="border: 1px solid black;"></td></tr></table>											
Number of Properties	Enter the total number of properties involved. # 1										
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00											
Method of Payment: Enclosed <input type="checkbox"/> Deposit Account <input checked="" type="checkbox"/>											
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<table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 40%; border-bottom: 1px solid black;">Anne L. Rensburg</td><td style="width: 30%; border-bottom: 1px solid black; text-align: center;"></td><td style="width: 30%; border-bottom: 1px solid black; text-align: center;">05/18/98</td></tr><tr><td style="text-align: center;">Name of Person Signing</td><td style="text-align: center;">Signature</td><td style="text-align: center;">Date</td></tr></table>		Anne L. Rensburg		05/18/98	Name of Person Signing	Signature	Date				
Anne L. Rensburg		05/18/98									
Name of Person Signing	Signature	Date									

PATENT
REEL: 9197 FRAME: 0011

SN. 08/251,129
Now Patent: 5,490,912

Patent Rights:
Assignment to
Government

ASSIGNMENT

Title: Apparatus for Laser Assisted
Thin-Film Deposition

Inventor(s): Bruce E. Warner et al.
Contract Number: W-7405-ENG-48
Contractor: The Regents of the University
of California

Foreign patent applications: None

Contractor Docket No.: IL-9363
DOE Docket No.: S-80,073 (RL-12496)
U.S. Patent Application S.N.: 08/251,129
Filing Date: May 31, 1994
U.S. Patent Number: 5,490,912
Issue Date: February 13, 1996
Waiver Number: W(C) 02-002-148

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract has been previously submitted to the U.S. Department of Energy (hereinafter "DOE") by certification dated 2/29/96.

WHEREAS, the above-identified invention is a subject invention under the above identified contract between the Government of the United States (hereinafter the "Government") as represented by U.S. Department of Energy (hereinafter "DOE") and the Contractor;

WHEREAS, the Contractor, has been assigned the entire right, title and interest in and to said invention in the United States and for all foreign countries; and

WHEREAS, the Government as represented by DOE is entitled to an assignment and other rights in and to said invention and in and to any Letters Patent wheresoever they may be issued thereon.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said contract and for other good and valuable consideration, the receipt of which is hereby acknowledged, the Contractor does hereby agree to the following:

- (1) There is assigned to the Government the entire right, title, and interest in and to said invention in the United States, and in and to any and all United States patent applications filed thereon, and in and to any and all United States Letters Patent which may be granted thereon.
- (2) There is assigned to the Government the entire right, title, and interest in and to said invention in all foreign countries and in and to any and all foreign applications filed thereon, and in and to and all resulting foreign patents secured thereon in all foreign countries.
- (3) The Contractor agrees to make, execute, and deliver to the Government, or to DOE, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements or other instruments in such usual or other forms, terms and contents as may be required by DOE, or its duly authorized representatives, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and to aid the Government in every way in protecting the invention as may be requested by DOE or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government.

PATENT
REEL: 9197 FRAME: 0012

(4) Unless other wise directed in writing by the DOE Patent Counsel, all documents, notices, instruments, reports, and any and all other papers shall be sent to the DOE Patent Counsel at the following address:

Mr. Paul A. Gottlieb
Assistant General Counsel for
Intellectual Property
U.S. Department of Energy
GC-62 (FORSTL) MS 6F-067
1000 Independence Avenue, SW
Washington, D.C. 20585

Approved and granted on behalf of the Contractor.

ATTEST:

(SEAL)

The University of California
Lawrence Livermore National Laboratory

(Contractor)

Witness:

Sharon Rector
(Signature)

By:

Jeffrey Wadsworth
(Contractor Official's Signature)

12/19/96
Date

Sharon Rector
(Print/Type Name and Title)

Jeffrey Wadsworth
Deputy Director for Science & Technology
(Print/Type Official's Name and Title)

Approved and accepted on behalf of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

Witness:

Paul A. Gottlieb

By:

Paul A. Gottlieb

FEB 26 1997

Date

Paul A. Gottlieb
Assistant General Counsel for Technology
Transfer and Intellectual Property

RECORDED: 05/18/1998

PATENT
REEL: 9197 FRAME: 0013