


Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

PSL		RECORDATION FORM COVER SHEET PATENTS ONLY		S-119,565	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
1. Name of conveying party(ies) Colorado State University <i>Research Foundation</i> <small>4/13/12</small>			2. Name and address of receiving party(ies) Name: <u>United States Department of Energy</u> Internal Address: _____ _____ Street Address: <u>1000 Independence Ave., S.W.</u> _____ City: <u>Washington</u> State: <u>D.C.</u> Country: <u>USA</u> Zip: <u>20585</u>		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>10/27/2011</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input checked="" type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			4. Application or patent number(s): A. Patent Application No.(s) <u>13/218,263</u> B. Patent No.(s) _____		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> _____ Street Address: <u>9800 S. Cass Ave</u> _____ City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____		
6. Total number of applications and patents involved: <u>1</u>			7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)		
8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____			9. Signature: <u></u> <div style="display: flex; justify-content: space-between;"> Signature Date <u>4-13-12</u> </div>		
Mark C. Lang #55,356 Name of Person Signing			Total number of pages including cover sheet, attachments, and documents: 2		

LICENSE TO THE UNITED STATES GOVERNMENT

RE: Our reference: 09-068
Invention Title: Large mode area fibers and reduced mode fibers for laser ignition
Invention reporting reference:
U.S. Patent Application No.: 13/218,263
Filed: 8/25/2011
Patent No.: N/A
Issued: N/A
Other Applications filed/
intended in countries: N/A
Funding reference: DE-FC26-01CH11079
Lead Inventor: Yalin, Azer
Grantee/contractor Organization: Colorado State University Research Foundation
P.O. Box 483
Fort Collins, CO 80522

The invention referenced above is a Subject Invention, as defined under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause in 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above identified grant or contract award from the Department of Energy.

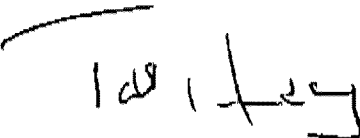
NOW, THEREFORE

1. The Licensor, in consideration of the premises and other good and valuable consideration, hereby grants and conveys a non-exclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the herein identified invention as described in the identified patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world to the extent claiming the identified invention; and all other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

2. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of, or title to any patent or patent application herein licensed.

3. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed: October 27, 2011



Todd Headley
Vice President, Technology Transfer

PATENT

RECORDED: 04/17/2012

REEL: 028081 FRAME: 0833