Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office RECORDATION FORM COVER SHEET S-127,908 PSL PATENTS ONLY 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(les) 2. Name and address of receiving party(ies) Name: United States Department of Energy University of Michigan Internal Address: Additional name(s) of conveying party(ies) attached? 💹 Yes 🗹 No Street Address: 1000 Independence Ave., S.W 3. Nature of conveyance/Execution Date(s): Execution Date(s) 06/22/2011 Assignment Merger City: Washington Security Agreement Change of Name Joint Research Agreement State: D.C. Government Interest Assignment Country: USA Zip: 20585 ✓ Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 13/117,926 Additional numbers attached? Yes ✓ No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Mark P. Dvorscak 7. Total fee (37 CFR 1.21(h) & 3.41) \$__ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave ✓ None required (government interest not affecting title) 8. Payment Information City: <u>Argonne</u> a. Credit Card Last 4 Numbers _____ State: |L Zip:60439 Expiration Date _____ Phone Number: 630-252-2393 b. Deposit Account Number Fax Number: 630-252-2779 Authorized User Name ____ Email Address: 9. Signature: Mark C. Lang #55,356 Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

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PATENT REEL: 029024 FRAME: 0998 09/17/2012 20:15 FAX → USPTO_LIC **2**002/002

License to the United States Government

Invention Title: Ultrabright Fluorescent OLEDs Using Phosphor Triplet Sinks

Inventor(s): Stephen R. Forrest, Mark Thompson, Yifan Zhang

U.S. Filing/Issue Date: 05/27/2011 / 00/00/00

Patent or Application Serial No.: 13/117,926

Grant/Contract Numbers:: DOE - DE-EE0000626, DOE - DE-SC0001013.

Foreign Applications filed/intended in (countries): PCT - PCT/US2011/039138

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government This document is confirmatory of:

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Signed this 22nd day of June, 2011.

By: Michael Hallman

(Name of Grantee/Contractor Official)

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Title: Patent Administrator

For: University of Michigan

(Grantee/Contractor Organization)

At: 1600 Huron Parkway, 2nd Floor, Ann Arbor, MI 48109-2590

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PATENT REEL: 029024 FRAME: 0999

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