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-131,510 MR 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(les) Name: United States Department of Energy GENERAL ELECTRIC GLOBAL RESEARCH Internal Address: \_\_\_\_\_\_\_\_ Additional name(s) of conveying party(les) attached? 🔛 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W. Execution Date(s) 10/12/2012 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 Other Additional name(s) & address(es) attached? ☐ Yes 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) 13/599.511 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 \_\_\_\_\_\_ \_\_\_Zip:<u>60439</u>\_ State: IL Expiration Date Phone Number: 630-252-2393 b. Deposit Account Number \_\_\_\_\_ Fax Number: 630-252-2779 Authorized User Name \_\_\_\_ Email Address: Confirmatory.License@ch.doe.gov 9. Signature:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

James B. Potts #58,316

Name of Person Signing

Total number of pages including cover

sheet, attachments, and documents:

## CONFIRMATORY LICENSE

Title of Invention: OLED Devices With Internal Outcoupling

Inventor(s): Jie Liu, Larry Tuner, Kevin Janora, Xiaolei Nmn Shi, Kelly Chichak, RiAn Zhao, Jeffrey

Youmans, Srinivas Sista

Patent Application Serial No: 13/599511

Filing Date 30AUG2012

Patent Number:

Issue Date:

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable): General Electric Global Reserach

**DOE Contract No.** (i.e. Contract, Subcontract, Grant. or Cooperative Agreement, as applicable): DE-EE0003250

DOE Case No.: Not assigned yet

Contractor Docket No.: 260393-3

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

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

Signed this 12th day of October, 2012

General Electric Global Research
Contractor Name (Typed)

Official's Name and Title (Typed) Jason K. Klindtworth, Sur

One Research Circle, Niskayuna, New York 12309

**Business Address** 

PATENT REEL: 031087 FRAME: 0968

RECORDED: 08/12/2013