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



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

103183175 RL

PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: NAVY, SECRETARY OF THE UNITED HARVARD UNIVERSITY Internal Address: STATES OF AMERICA OFFICE OF NAVAL RESEARCH Additional name(s) of conveying party(ies) attached? 🔲 Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 875 NORTH RANDOLPH STREET Execution Date(s) 10/27/05 Assignment Merger City: <u>ARLINGTON</u> Security Agreement Change of Name Joint Research Agreement State: VA Government Interest Assignment Country: USA Zip: 22203-1995 ✓ Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? 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) 11/205,493 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: CAROL PETROSKY 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: OFFICE OF NAVAL RESEARCH Authorized to be charged by credit card **SUITE 1495** Authorized to be charged to deposit account Enclosed Street Address: 875 RANDOLPH STREET ✓ None required (government interest not affecting title) 8. Payment Information City: _ ARLINGTON a. Credit Card Last 4 Numbers State: VA Zip: 22203-1995 Expiration Date Phone Number: 703-696-4008 b. Deposit Account Number CUSTMOER NUMBER Fax Number: 703-696-6909 Authorized User Name 26852 Email Address: PETROSC@ONR.NAVY.MIL 9. Signature: 02/14/06 Date Total number of pages including cover JAMES BECHTEL sheet, attachments, and documents:

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

Name of Person Signing

(Business Address)

RECORDED: 02/16/2006

License to the United States Government

Sign and Fax this to (301) 480-0272 Invention Title: Palladim-catalyzed Carbon-carbon Bond Forming Reactions Inventor(s): David R. Liu, Matthew W. Kanan, Mary M. Rosenman U.S. Filing/Issue Date: August 17, 2005 Patent or Application Serial No.: 11/205, 493 Grant/Contract Number(s): N00014-03-1-0749, GM065865 Foreign Applications filed/intended in (countries): 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: The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any 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; 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. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. Signed this 27 day of Cotok By Isaac Kohlberg (Name of Grantee/Contractor Official) Title Chief Technology Development Officer For Harvard University (Grantee/Contractor Organization) At 1350 Massachusetts Avenue, Suite 727 Cambridge, MA 02138