PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
RICE UNIVERSITY	08/26/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13680608

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: An Approach to Increase Intracellular NADPH availability in Escherichia coli to increase the yield and productivity of NADPH-dependent products Inventor(s): George N Bennett, Ka-Yiu San, Yipeng Wang U.S. Filing/Issue Date: 04/04/2013 Patent or Application Serial No.: 13/680,608 Grant/Contract Number(s): CBET0828516 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 2. 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 By Nila D. Bhakuni (Institutional Business Official) Title Director - Office of Technology Transfer For RICE UNIVERSITY (Grantee/Contractor Organization)

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