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**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) October 17, 2011  
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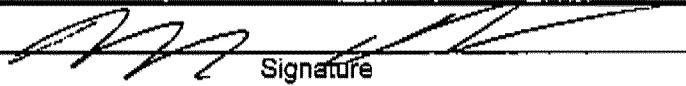
**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
Serial No. 12/930,602  
Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
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**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_  
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Michael J. Dobbs #58.093 Total number of pages including cover sheet, attachments, and documents: **2**  
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Invention Title: One-Step Catalytic Conversion of Biomass-Derived Carbohydrates to Liquid Fuel

Inventor(s): Ayusman Sen, Weiran Yang

U.S. Filing/Issue Date: 01/11/2011

Patent or Application Serial No.: 12/930,602

Grant/Contract Number(s): DE-FG02-04ER13295

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 States Government. This document is confirmatory of:

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

Signed this 17th day of October, 20 11.

By Ronald J. Huss  
(Institutional Business Official)

  
(Signature)

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