505389093 03/22/2019

## PATENT ASSIGNMENT COVER SHEET

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#### **CONVEYING PARTY DATA**

Name	Execution Date
UNIVERSITY OF GEORGIA	01/26/2018

### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13139383

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DATE SIGNED:	03/22/2019

**Total Attachments: 1** 

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PATENT 505389093 REEL: 048678 FRAME: 0486

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Pyrolysis Vapor Esterification Using Atomized Alcohol as a Reactive Condensing Agent Inventor(s): Roger N. Hilten, Keshav C. Das, James R. Kastner, Brian P. Bibens U.S. Filing/Issue Date: 06/13/2011 Patent or Application Serial No.: 13/139, 383 Grant/Contract Number(s): DE-FG36-05G085012 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: 1. 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. DEREK E. EBERHART, Ph.D (Institutional Business Official) Title CHIEF LICENSING OFFICER For UNIVERSITY OF GEORGIA (Grantee/Contractor Organization) At Innovation Gateway Boyd Graduate Studies Research Center Athens, GA 306027411 (Business Address)

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