

Form PTO-1595 (Rev. 07/05)
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U.S. DEPARTMENT OF COMMERCE
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MR

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S-140,005

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(ies)

RENEWABLE OIL INTERNATIONAL LLC
3115 NORTHINGTON COURT
FLORENCE, AL 35630

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/29/2014

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☒ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: United States Department of Energy

Internal Address: _____

Street Address: 1000 Independence Ave. S.W.

City: Washington

State: D.C.

Country: USA Zip: 20585

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

13/441,045

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: James B. Potts

Internal Address: U. S. Dept. of Energy, IPLD

Street Address: 9800 S. Cass Ave

City: Argonne

State: IL Zip: 60439

Phone Number: 630-252-2166

Fax Number: 630-252-2779

Email Address: Confirmatory.License@ch.doe.gov

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

James B. Potts #58,316

Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and documents:

2

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, VA 22304



Department of Energy
Office of Science
science.energy.gov/lsc/services/legal/

CONFIRMATORY LICENSE

METHOD AND APPARATUS FOR A COMBINATION MOVING BED
THERMAL TREATMENT REACTOR AND MOVING BED FILTER

Title of Invention:

Inventor(s):

Phillip C. Badger and Kenneth J. Dunn, Jr

Patent Application Serial No:

13/441,045

Filing Date April 6, 2012

Patent Number:

Issue Date:

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

Name of Contractor: Renewable Oil International LLC

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

DE-FG3608GO18212 with Subaward from UMASS DOE#09-005287A00

DOE Case No.: S-140,005

Contractor Docket No.:

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 on: Oct 29, 2014

Contractor Name Renewable Oil International LLC

Official's Name Phillip C. Badger

Official's Title Chief Manager

Business Address 3115 Northington Court, Florence, AL 35630

PATENT

RECORDED: 07/15/2015

REEL: 036109 FRAME: 0916