

FORM PTO-1595
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Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Larry G. FELIX,
Martin B. LINCK,
Terry L. MARKER and
Michael J. ROBERTS

2. Name and address of receiving party(ies)

Name: Gas Technology Institute

Internal Address: _____

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: 1700 South Mount Prospect RoadCity: Des Plaines State: Illinois Zip: 60018Execution Date: 02 October 2012Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

13/644,984

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kevin D. EricksonInternal Address: Pauley Petersen & EricksonStreet Address: 2800 West Higgins RoadSuite 365City: Hoffman Estates State: IL Zip: 601696. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit Account: 19-3550Pauley Petersen & Erickson

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document*Kevin D. Erickson

Name of Person Signing

Signature

Date

Reg. No. 38,736Total number of pages including cover sheet, attachments, and document: 4Attorney
Docket No.:
GTI-1859Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Assignment Recordation Services, Director of the US Patent and Trademark Office, Alexandria, VA on 05 OCT. 201205 OCT. 2012
DateKevin D. Erickson
Signature

PATENT

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Customer No.: 42419

ASSIGNMENT

WHEREAS, We the following inventors

1. Name: Larry G. FELIX
Residence: Pelham, Alabama
Post Office Address: 545 McGuire Road
Pelham, Alabama 35124-3628
Citizenship: United States of America
2. Name: Martin B. LINCK
Residence: Grayslake, Illinois
Post Office Address: 420 Flanders Lane
Grayslake, Illinois 60030
Citizenship: United States of America
3. Name: Terry L. MARKER
Residence: Palos Heights, Illinois
Post Office Address: 39 Country Squire Road
Palos Heights, Illinois 60463-1251
Citizenship: United States of America
4. Name: Michael J. ROBERTS
Residence: Itasca, Illinois
Post Office Address: 950 Willow Street
Itasca, Illinois 60143
Citizenship: United States of America

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

**DIRECT PRODUCTION OF FRACTIONATED
AND UPGRADED HYDROCARBON FUELS
FROM BIOMASS**

which is described and claimed in an application for Letters Patent of the United States executed by ASSIGNORS on even date herewith, and naming as inventors Larry G. FELIX, Martin B. LINCK, Terry L. MARKER and Michael J. ROBERTS; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

ASSIGNMENT

WHEREAS, Gas Technology Institute, a non-profit corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 1700 South Mount Prospect Road, Des Plaines, Illinois 60018, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

10/2/2012
Date

Larry G. Felix
Larry G. FELIX

Date

Martin B. LINCK

Date

Terry L. MARKER

Date

Michael J. ROBERTS

ASSIGNMENT

WHEREAS, Gas Technology Institute, a non-profit corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 1700 South Mount Prospect Road, Des Plaines, Illinois 60018, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues, continuations, extensions and reexaminations thereof and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

Date

October 2, 2012

Date

October 2, 2012

Date

October 2, 2012

Date

Larry G. FELIX

Martin B. Linck

Martin B. LINCK

Terry L. Marker

Terry L. MARKER

Michael J. Roberts

Michael J. ROBERTS