

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2614392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
REVOLUTION FUELS, INC.	10/18/2013
RECEIVING PARTY DATA	
Name:	VECTOR SEPARATIONS LLC
Street Address:	7460 OXFORD STREET
City:	ST. LOUIS PARK
State/Country:	MINNESOTA
Postal Code:	55426
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	5439736
Patent Number:	5472509
Patent Number:	5639375
Patent Number:	6203850
CORRESPONDENCE DATA	
Fax Number:	(336)607-7500
Phone:	(336) 607-7300
Email:	catanderson@kilpatricktownsend.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	CHARLES W. CALKINS
Address Line 1:	1001 WEST FOURTH STREET
Address Line 4:	WINSTON-SALEM, NORTH CAROLINA 27101
ATTORNEY DOCKET NUMBER:	94339-857076
NAME OF SUBMITTER:	CATHERINE A. ANDERSON
Signature:	/Catherine A. Anderson/

OP \$160.00 5439736

PATENT

Date:

11/14/2013

Total Attachments: 6

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INTELLECTUAL PROPERTY ASSIGNMENT

WHEREAS, Revolution Fuels, Inc., a Minnesota corporation, having a place of business at 7460 Oxford Street, St. Louis Park, Minnesota, 55426, hereinafter referred to as "ASSIGNOR," is the sole and exclusive owner of certain intellectual property that includes, among other things, (i) letters patent of the United States or of any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or of any other country, including registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any state or any other country, all reissues, continuations, continuations-in-part or extensions, and all inventions and improvements described and claimed in connection with the foregoing, (ii) other patents of the United States, any applicable treaty or any other country or political subdivision, including industrial and utility models, industrial designs, certificates of invention, design patents, and patent disclosures, including all provisional applications, priority applications, divisionals, continuations (in whole or in part), extensions, reissues, re-examinations or equivalents or counterparts of any of the foregoing; as well as any registrations or recording of any patent, any application for patent in the United States, any applicable treaty or other country, including any such registration, recording, or application in the United States Patent and Trademark Office or in any similar office or agency of other country or political subdivision; (iii) trademarks, service marks, trade dress, trade style, fictional business names, trade names, corporate or commercial names, certification marks, collective marks, and other proprietary rights to any words, names, slogans, symbols, logos, devices, identifiers or combinations thereof used to identify, distinguish and indicate the source or origin of good or services; registrations, renewals, recording, equivalents and counterparts of the foregoing; and any application in connection therewith, including any such registration, recording, or application in the United State Patent and Trademark Office or in any other country or political subdivision of such other country; and the goodwill of the business associated with each of the foregoing; (iv) Internet electronic addresses, uniform resource locates and alphanumeric designations associated therewith registered with or assigned by any domain name registrar, domain name registry or other domain name registration authority as part of electronic address on the Internet and all registrations or applications for any of the foregoing; (v) works of authority, whether published or unpublished, databases, data

collections, software, web site, content or any other copyrightable work; rights to compilations, collections, collective works and derivative works of any of the foregoing and moral rights in any of the foregoing; any registration, recording or application for registration for any of the foregoing and any renewals or extensions thereof in the United States Copyright Office or in any similar office or agency of any other country or political subdivision; (vi) trade secrets as defined by applicable law, including know-how, confidential information and proprietary information; and (vii) other intellectual property and proprietary rights recognized in any country or jurisdiction in the world (collectively, all of the foregoing, the "Intellectual Property").

WHEREAS, Vector Separations, LLC, a Minnesota limited liability company having a place of business at 7460 Oxford Street, St. Louis Park, Minnesota, 55426, hereinafter referred to as "ASSIGNEE," is desirous of acquiring all of the Assignor's entire right, title and interest in the Intellectual Property related to (i) membrane applications for industry use in all scenarios, including, without limitation any future membrane Intellectual Property and technology commercialization, transaction, sale, spin-out or partnership in connection with the foregoing (the "Membrane Intellectual Property") and (ii) to the patents and patent applications identified on the attached Exhibit 1 (the "Patents" and together with the Membrane Intellectual Property, collectively, the "Assigned Intellectual Property")

NOW THEREFORE, be it known that effective August 8, 2013, for good and valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, its entire right, title and interest in and to all of the Assigned Intellectual Property and the right to claim priority rights deriving from the Assigned Intellectual Property (collectively, the "Rights"). Assignor warrants that it is the sole owner of the Rights, and that its Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights.

[INTENTIONALLY LEFT BLANK]

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

REVOLUTION FUELS, INC.

By: [Signature]

Date: 10-18-17

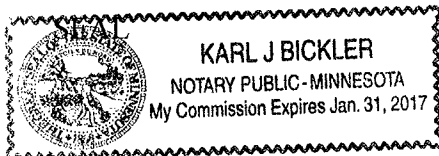
Title: Vice

STATE OF MN)
COUNTY OF Hennepin)

ss.

On this 18 day of Oct, in the year of 2013
before me, the undersigned Notary Public or Witness, personally appeared the above-named
ASSIGNOR, known to me (or proven to me on the basis of satisfactory evidence) to be the
person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that
he/she/they executed the same.

[Signature]
NOTARY PUBLIC or WITNESS



MY COMMISSION EXPIRES: 10/18/2013

IN TESTIMONY WHEREOF, ASSIGNEE acknowledges this assignment and hereunto signed ASSIGNEE'S name to this Assignment on the date indicated below.

VECTOR SEPARATIONS LLC

By: [Signature]

Date: 10-18-13

Title: CEO

STATE OF MN)
COUNTY OF Hennepin) ss.

On this 18 day of October, in the year of 2013
before me, the undersigned Notary Public or Witness, personally appeared the above-named
ASSIGNOR, known to me (or proven to me on the basis of satisfactory evidence) to be the
person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged that
he/she/they executed the same.

[Signature]
NOTARY PUBLIC or WITNESS



MY COMMISSION EXPIRES: 1/31/2013

EXHIBIT 1

- *"GAS PLASMA POLYMERIZED PERMSELECTIVE MEMBRANE" U.S. PATENT 5,439,736*
- *"GAS PLASMA APPARATUS WITH MOVABLE FILM LINERS" U.S. PATENT 5,472,509*
- *"CONCENTRATION OF PESTICIDES BY MEMBRANE PERSTRATION" U.S. PATENT 5,639,375*
- *"PLASMA-ANNEALED POROUS POLYMERS" U.S. PATENT 6,203,850*