

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		SECURITY INTEREST	
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Qteros, Inc.		01/26/2012	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Oxford Finance, LLC successor in interest to Oxford Finance Corporation, as Collateral Agent		
Street Address:	133 North Fairfax Street		
City:	Alexandria		
State/Country:	VIRGINIA		
Postal Code:	22314		
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	3796776	QTEROS	
Registration Number:	3781610	Q MICROBE	
CORRESPONDENCE DATA			
Fax Number:	(302)636-5454		
Phone:	800-927-9801 x2348		
Email:	jpaterso@cscinfo.com		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Correspondent Name:	Corporation Service Co.- J. Paterson		
Address Line 1:	1090 Vermont Avenue NW, Suite 430		
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005		
ATTORNEY DOCKET NUMBER:	075441		
NAME OF SUBMITTER:	Jean Paterson		
Signature:	/jep/		

CH \$65.00 3796776

Date:

01/27/2012

Total Attachments: 18

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RECORDATION FORM COVER SHEET TRADEMARKS ONLY

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):

QTEROS, INC.

- Individual(s) Association
 General Partnership Limited Partnership
 Corporation- State: Delaware
 Other _____

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

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

Execution Date(s) January 26, 2012

- Assignment Merger
 Security Agreement Change of Name
 Other _____

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: OXFORD FINANCE, LLC, successor in interest to

Internal

Address: Oxford Finance Corporation, as Collateral Agent

Street Address: 133 North Fairfax Street

City: Alexandria

State: VA

Country: USA Zip: 22314

- Association Citizenship _____
 General Partnership Citizenship _____
 Limited Partnership Citizenship _____
 Corporation Citizenship _____

Other Limited Liability Co Citizenship Delaware

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
 (Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)

See attached

B. Trademark Registration No.(s)

See attached

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

See attached

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

Name: Jackie Billard

Internal Address: Riemer & Braunstein LLP

Street Address: 3 Center Plaza

City: Boston

State: MA Zip: 02108

Phone Number: 617-880-3494

Fax Number: 617-880-3456

Email Address: jbillard@riemerlaw.com

6. Total number of applications and registrations involved:

2

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ _____

- Authorized to be charged to deposit account
 Enclosed

8. Payment Information:

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Jacqueline M. Billard
 Signature

1/27/12
 Date

Jacqueline Billard

Name of Person Signing

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

18

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 22313-1450

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this “**IPSA**”) is entered into as of January 26, 2012 by and among (a) OXFORD FINANCE, LLC, successor in interest to Oxford Finance Corporation, as Collateral Agent (in such capacity, “**Collateral Agent**”) for its own benefit and the ratable benefit of the Lenders (as defined in the Agreement referred to below), and (b) QTEROS, INC., a Delaware corporation (the “**Grantor**”).

RECITALS

A. The Grantor has entered into certain loan arrangements (as amended and in effect, the “**Loan Arrangements**”) with Silicon Valley Bank and Oxford Finance, LLC (each a “**Lender**”, and collectively, the “**Lenders**”);

B. The Grantor has requested that the Collateral Agent and the Lenders enter into a certain Second Loan Modification Agreement of even date herewith (the “**Agreement**”), pursuant to which the Collateral Agent and the Lenders would agree to modify certain terms and conditions of the Loan Arrangements; and

C. It is a condition to the Collateral Agent and the Lenders entering into the Agreement that, among other things, the Grantor agrees to enter into this IPSA. All capitalized terms used herein and not otherwise defined herein shall have the meanings given in the Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment as and when due of all Obligations, the Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure full payment and performance of the Obligations, the Grantor grants and pledges to Collateral Agent, for the ratable benefit of the Lenders, a security interest in all of the Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “**Intellectual Property Collateral**”), including, without limitation, the following:

1. Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “**Copyrights**”);

2. Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

3. Any and all design rights that may be available to the Grantor now or hereafter existing, created, acquired or held;

4. All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including, without limitation, the patents and patent applications set forth on **Exhibit B** attached hereto (collectively, the “**Patents**”);

5. Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of the Grantor connected with and symbolized by such trademarks, including, without limitation, those set forth on **Exhibit C** attached hereto (collectively, the “**Trademarks**”);

6. All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation, those set forth on **Exhibit D** attached hereto (collectively, the “**Mask Works**”);

7. Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

8. All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

9. All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

10. All proceeds and products of the foregoing, including, without limitation, all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The Grantor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks record this IP SA, and any amendments thereto, or copies thereof. This security interest is granted in conjunction with the security interests granted to Collateral Agent, for the ratable benefit of the Lenders, under the Loan Documents. The rights and remedies of Collateral Agent with respect to the security interests granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Collateral Agent as a matter of law or equity. Each right, power and remedy of Collateral Agent provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Collateral Agent of any one or more of the rights, powers or remedies provided for in this IP SA, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Collateral Agent, of any or all other rights, powers or remedies.

THIS IPSA AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES UNDER THIS IPSA SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

The Grantor hereby irrevocably and unconditionally:

(a) WAIVES, TO THE EXTENT PERMITTED BY APPLICABLE LAW, ITS RIGHT TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION ARISING OUT OF OR BASED UPON THIS IPSA, THE OTHER LOAN DOCUMENTS OR ANY CONTEMPLATED TRANSACTION, INCLUDING CONTRACT, TORT, BREACH OF DUTY AND ALL OTHER CLAIMS. THIS WAIVER IS A MATERIAL INDUCEMENT FOR THE PARTIES TO ENTER INTO THIS IPSA. EACH PARTY HAS REVIEWED THIS WAIVER WITH ITS COUNSEL; and

(b) waives, to the maximum extent not prohibited by law, any right it may have to claim or recover in any legal action or proceeding referred to in this IPSA any special, exemplary, punitive or consequential damages.

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IN WITNESS WHEREOF, the parties have caused this IPSA to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address for Grantor:

QTEROS, INC.

100 Campus Drive, 6th Floor
Marlborough, Massachusetts 01752

By: *R. M. Sawka*
Name: *MICK SAWKA*
Title: *CEO*

COLLATERAL AGENT:

Address of Collateral Agent:

OXFORD FINANCE, LLC

133 North Fairfax Street
Alexandria, Virginia 22314

By: _____
Name:
Title:

IN WITNESS WHEREOF, the parties have caused this IPSA to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address for Grantor:

QTEROS, INC.

100 Campus Drive, 6th Floor
Marlborough, Massachusetts 01752

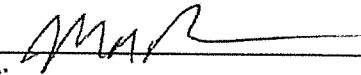
By: _____
Name:
Title:

COLLATERAL AGENT:

Address of Collateral Agent:

OXFORD FINANCE, LLC

133 North Fairfax Street
Alexandria, Virginia 22314

By:  _____
Name: **Mark Davis**
Title: **Vice President - Finance, Secretary & Treasurer**

[Signature Page to Intellectual Property Security Agreement]

TRADEMARK
REEL: 004705 FRAME: 0841

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

(see attached)

QTEROS, INC. - Patents

AppNumber	FilDate	PatNumber	IssDate	CountryName	Owner	Invtile
61/042,657	04-Apr-2008			United States of America	University of Massachusetts	METHOD FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
12/419,211	06-Apr-2009			United States of America	University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF FUELS IN MICROORGANISMS
61/060,620	11-Jun-2008			United States of America	University of Massachusetts	METHODS FOR IMPROVING THE BIOMASS CONVERSION PERFORMANCE OF C. PHYTOFERMENTANS THROUGH GENETIC CONTROL OF SPORULATION FACTORS
12/483,118	11-Jun-2009			United States of America	University of Massachusetts	METHODS AND COMPOSITIONS FOR REGULATING SPORULATION
61/084,233	28-Jul-2008			United States of America	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
61/225,184	13-Jul-2009			United States of America	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
61/228,922	27-Jul-2009			United States of America	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
12/510,994	28-Jul-2009	7,943,363	17-May-2011	United States of America	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF PRODUCTS IN MICROORGANISMS
13/086,669	14-Apr-2011			United States of America	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF PRODUCTS IN MICROORGANISMS
61/158,581	09-Mar-2009			United States of America	Qteros, Inc.	A NOVEL PROCESS FOR THE PRODUCTION OF ETHANOL AND OTHER PRODUCTS FROM CLOSTRIDIUM PHYTOFERMENTANS
12/720,574	09-Mar-2010			United States of America	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
61/158,600	09-Mar-2009			United States of America	Qteros, Inc.	FERMENTATION OF CLOSTRIDIUM PHYTOFERMENTANS TO PRODUCE ETHANOL IN THE PRESENCE OF FATTY ACID-CONTAINING COMPOUNDS AND UNDER REDUCED PH CONDITIONS
61/032,048	27-Feb-2008			United States of America	Qteros, Inc.	A METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
12/919,750	12-Oct-2010			United States of America	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
60/762,813	27-Jan-2006			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING FUELS
11/698,727	26-Jan-2007	7,682,811	23-Mar-2010	United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/271,718	14-Nov-2008			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/701,597	07-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS

QTEROS, INC. - Patents

AppNumber	FilDate	PatNumber	IssDate	CountryName	Owner	InvTitle
12/701,375	05-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/701,385	05-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/701,400	05-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/701,540	06-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
12/701,553	06-Feb-2010			United States of America	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
61/171,077	20-Apr-2009			United States of America	Qteros, Inc.	ETHANOL PRODUCTION FROM BIOMASS THROUGH SIMULTANEOUS HYDROLYSIS AND FERMENTATION BY CLOSTRIDIUM PHYTOFERMENTANS
61/171,831	22-Apr-2009			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
12/763,966	20-Apr-2010			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
61/171,835	22-Apr-2009			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR METHANE PRODUCTION
61/221,523	29-Jun-2009			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS
12/630,784	03-Dec-2009			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS
61/221,519	29-Jun-2009			United States of America	Qteros, Inc.	ALKALI TREATMENT OF BIOMASS
13/338,948	28-Dec-2011			United States of America	Qteros, Inc.	PRETREATMENT OF BIOMASS
61/237,190	26-Aug-2009			United States of America	Qteros, Inc.	MODIFIED ORGANISMS FOR IMPROVED SACCHARIFICATION OF BIOMASS
12/510,952	28-Jul-2009			United States of America	University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF PRODUCTS IN MICROORGANISMS
61/285,486	10-Dec-2009			United States of America	Qteros, Inc.	METHODS AND COMPOSITIONS FOR BIOMASS TREATMENT
61/286,729	15-Dec-2009			United States of America	Qteros, Inc.	METHODS AND COMPOSITIONS FOR PRODUCING CHEMICAL PRODUCTS FROM C. PHYTOFERMENTANS
12/969,582	15-Dec-2010			United States of America	Qteros, Inc.	METHODS AND COMPOSITIONS FOR PRODUCING CHEMICAL PRODUCTS FROM C. PHYTOFERMENTANS
61/295,405	15-Jan-2010			United States of America	Qteros, Inc.	BIOFUEL PRODUCTION USING BIOFILM IN FERMENTATION
61/327,051	22-Apr-2010			United States of America	Qteros, Inc.	NEW BACTERIUM FOR PRODUCTION OF CHEMICALS AND RECOMBINANTS THEREOF
61/307,681	24-Feb-2010			United States of America	Qteros, Inc.	METHODS AND COMPOSITIONS FOR FERMENTING BIOMASS WITH A RECOMBINANT ORGANISM

TRADEMARK

REEL: 004705 FRAME: 0845

QTEROS, INC. - Patents

AppNumber	FileDate	PatNumber	IssDate	CountryName	Owner	InvtTitle
12/729,037	22-Mar-2010			United States of America	Qteros, Inc.	MICROORGANISMS WITH INACTIVATED LACTATE DEHYDROGENASE GENE (LDH) FOR CHEMICAL PRODUCTION
61/330,138	30-Apr-2010			United States of America	Qteros, Inc.	REDIRECTED BIOENERGETICS IN RECOMBINANT CELLULOLYTIC CLOSTRIDIUM MICROORGANISMS
13/098,264	29-Apr-2011			United States of America	Qteros, Inc.	REDIRECTED BIOENERGETICS IN RECOMBINANT CELLULOLYTIC CLOSTRIDIUM MICROORGANISMS
61/347,718	24-May-2010			United States of America	Qteros, Inc.	METHODS FOR PRODUCING CHEMICAL PRODUCTS FROM FERMENTATION BYPRODUCTS
61/414,297	16-Nov-2010			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF GENETICALLY MODIFIED PLANT-DERIVED BIOMASS
61/415,787	19-Nov-2010			United States of America	Qteros, Inc.	NEW BIOCATALYSTS AND PRIMERS FOR PRODUCTION OF CHEMICALS
61/444,116	17-Feb-2011			United States of America	Qteros, Inc.	MODULATION OF FERMENTATION PRODUCTS BY THIAMINE
61/524,668	17-Aug-2011			United States of America	Qteros, Inc.	MODULATION OF FERMENTATION PRODUCTS THROUGH VITAMIN SUPPLEMENTATION
13/289,568	04-Nov-2011			United States of America	Qteros, Inc.	MODULATION OF FERMENTATION PRODUCTS THROUGH VITAMIN SUPPLEMENTATION
61/436,575	26-Jan-2011			United States of America	Qteros, Inc.	BIOCATALYSTS SYNTHESIZING DEREGULATED CELLULASES
13/270,166	10-Oct-2011			United States of America	Qteros, Inc.	BIOCATALYSTS SYNTHESIZING DEREGULATED CELLULASES
61/442,120	11-Feb-2011			United States of America	Qteros, Inc.	IMPROVED COMPOSITIONS AND METHODS FOR TRANSFORMATION OF MICROORGANISMS
61/473,619	08-Apr-2011			United States of America	Qteros / University of Massachusetts	COMPOSITIONS AND METHODS FOR PRODUCTION OF FERMENTATION END-PRODUCTS FROM BIOMASS
61/424,013	16-Dec-2010			United States of America	Qteros, Inc.	BIOFUEL PRODUCTION USING BIOFILM IN FERMENTATION
61/500,070	22-Jun-2011			United States of America	Qteros, Inc.	BIOFUEL PRODUCTION USING BIOFILM IN FERMENTATION
61/521,325	08-Aug-2011			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR OPTIMIZED CO-CULTURE FERMENTATION
61/521,332	08-Aug-2011			United States of America	Qteros, Inc.	COMPOSITIONS AND METHODS FOR PRODUCTION OF CO-CULTURE INOCULUM
61/530,383	01-Sep-2011			United States of America	Qteros, Inc.	CULTURE DELIVERY SYSTEM FOR BIOFUEL PRODUCTION
61/558,855	11-Nov-2011			United States of America	Qteros, Inc.	SOLVENT GAS STRIPPING
61/558,721	11-Nov-2011			United States of America	Qteros, Inc.	DOWNSTREAM PROCESSING OF FERMENTATION RESIDUALS
61/558,748	11-Nov-2011			United States of America	Qteros, Inc.	DETOXIFICATION OR CONCENTRATION OF HYDROLYZED BIOMASS

TRADEMARK

REEL: 004705 FRAME: 0846

QTEROS, INC. - Patents

AppNumber	FileDate	PatNumber	IssDate	CountryName	Owner	InvtTitle
1001956.0	05-Feb-2010			United Kingdom	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCARIFICATION OF BIOMASS
1004631.6	19-Mar-2010			United Kingdom	Qteros, Inc.	MICROORGANISMS WITH INACTIVATED LACTATE DEHYDROGENASE GENE (LDH) FOR CHEMICAL PRODUCTION
a201011479	27-Feb-2009			Ukraine	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
200810666	26-Jan-2007			Ukraine	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
2011/06794	09-Mar-2010			South Africa	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
2010/06273	27-Feb-2009			South Africa	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
2008/07235	26-Jan-2007			South Africa	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
2011/08420	20-Apr-2010			South Africa	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
1-2008-501721	26-Jan-2007			Philippines	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
2011-502251	20-Apr-2010			Philippines	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
US2009/39685	06-Apr-2009			Patent Cooperation Treaty	University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF FUELS IN MICROORGANISMS
US2009/47086	11-Jun-2009			Patent Cooperation Treaty	University of Massachusetts	METHODS FOR IMPROVING THE BIOMASS CONVERSION PERFORMANCE OF C. PHYTOFERMENTANS THROUGH GENETIC CONTROL OF SPORULATION FACTORS
US2009/51993	28-Jul-2009			Patent Cooperation Treaty	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
US2010/26730	09-Mar-2010			Patent Cooperation Treaty	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
US2009/35597	27-Feb-2009			Patent Cooperation Treaty	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
US2007/02334	26-Jan-2007			Patent Cooperation Treaty	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
US2010/31796	20-Apr-2010			Patent Cooperation Treaty	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
US2010/32135	22-Apr-2010			Patent Cooperation Treaty	Qteros, Inc.	COMPOSITIONS AND METHODS FOR METHANE PRODUCTION

QTEROS, INC. - Patents

AppNumber	FileDate	PatNumber	IssDate	CountryName	Owner	Invtite
US2010/40494	29-Jun-2010			Patent Cooperation Treaty	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS
US2010/40502	29-Jun-2010			Patent Cooperation Treaty	Qteros, Inc.	PRETREATMENT OF BIOMASS
US2010/46866	26-Aug-2010			Patent Cooperation Treaty	Qteros, Inc.	MODIFIED ORGANISMS FOR IMPROVED SACCHARIFICATION OF BIOMASS
US2009/51992	28-Jul-2009			Patent Cooperation Treaty	University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF PRODUCTS IN MICROORGANISMS
US2010/59962	10-Dec-2010			Patent Cooperation Treaty	Qteros, Inc.	METHODS AND COMPOSITIONS FOR BIOMASS TREATMENT
US2010/03188	15-Dec-2010			Patent Cooperation Treaty	Qteros, Inc.	METHODS AND COMPOSITIONS FOR PRODUCING CHEMICAL PRODUCTS FROM C. PHYTOFERMENTANS
US2011/21433	14-Jan-2011			Patent Cooperation Treaty	Qteros, Inc.	BIOFUEL PRODUCTION USING BIOFILM IN FERMENTATION
US2011/33688	22-Apr-2011			Patent Cooperation Treaty	Qteros, Inc.	NEW BACTERIUM FOR PRODUCTION OF CHEMICALS AND RECOMBINANTS THEREOF
US2011/33832	25-Apr-2011			Patent Cooperation Treaty	Qteros, Inc.	NEW BACTERIUM FOR PRODUCTION OF CHEMICALS AND RECOMBINANTS THEREOF
US2011/26143	24-Feb-2011			Patent Cooperation Treaty	Qteros, Inc.	METHODS AND COMPOSITIONS FOR ENHANCED ENZYME ACTIVITY IN FERMENTING MICROORGANISMS
US2011/29102	18-Mar-2011			Patent Cooperation Treaty	Qteros, Inc.	MICROORGANISMS WITH INACTIVATED LACTATE DEHYDROGENASE GENE (LDH) FOR CHEMICAL PRODUCTION
US2011/34687	29-Apr-2011			Patent Cooperation Treaty	Qteros, Inc.	REDIRECTED BIOENERGETICS IN RECOMBINANT CELLULYTIC CLOSTRIDIUM MICROORGANISMS
US2011/37764	24-May-2011			Patent Cooperation Treaty	Qteros, Inc.	METHODS FOR PRODUCING CHEMICAL PRODUCTS FROM FERMENTATION BYPRODUCTS
US2011/061079	16-Nov-2011			Patent Cooperation Treaty	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF GENETICALLY MODIFIED PLANT-DERIVED BIOMASS
US2011/061521	18-Nov-2011			Patent Cooperation Treaty	Qteros, Inc.	NEW BIOCATALYSTS AND PRIMERS FOR PRODUCTION OF CHEMICALS
US2011/065631	16-Dec-2011			Patent Cooperation Treaty	Qteros, Inc.	BIOFUEL PRODUCTION USING BIOFILM IN FERMENTATION
590750	28-Jul-2009			New Zealand	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
595111	09-May-2010			New Zealand	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
587605	27-Feb-2009			New Zealand	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
596009	20-Apr-2010			New Zealand	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS

QTEROS, INC. - Patents

AppNumber	FilDate	PatNumber	IssDate	CountryName	Owner	InvTitle
a/2011/009477	09-Mar-2010			Mexico	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
a/2008/009555	26-Jan-2007			Mexico	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
a/2011/011037	20-Apr-2011			Mexico	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
To be determined	20-Apr-2010			Malaysia	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
2010-7020669	27-Feb-2009			Korea, Republic of	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
2008-7020796	26-Jan-2007			Korea, Republic of	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
2011-554130	09-Mar-2010			Japan	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
2010-548930	27-Feb-2009			Japan	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
2008-552480	26-Jan-2007	To be determined	To be determined	Japan	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
To be determined	20-Apr-2010			Japan	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
W-00201103401	09-Mar-2010			Indonesia	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
W00201003241	27-Feb-2009			Indonesia	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
W00200802458	26-Jan-2007			Indonesia	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
W00201103797	20-Apr-2010			Indonesia	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
To be determined	09-Mar-2010			India	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
6353/DELNP/10	27-Feb-2009			India	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
7164/DELNP/08	26-Jan-2007			India	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
8140/DELNP/11	20-Apr-2010			India	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS

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QTEROS, INC. - Patents

AppNumber	FileDate	PatNumber	IssDate	CountryName	Owner	InvtTitle
To be determined				India	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS
11103658.4	27-Feb-2009			Hong Kong	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
To be determined	26-Jan-2007			Hong Kong	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
11102271.3	07-Mar-2011			Hong Kong	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS
09803498.6	28-Jul-2009			European Patent Convention	Qteros / University of Massachusetts	METHODS AND COMPOSITIONS FOR IMPROVING THE PRODUCTION OF ETHANOL IN MICROORGANISMS
10751311.1	09-Mar-2010			European Patent Convention	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
09714162.6	27-Feb-2009			European Patent Convention	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
07763058.0	26-Jan-2007			European Patent Convention	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
10767662.9	20-Apr-2010			European Patent Convention	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
200870204	26-Jan-2007			Eurasian Patent Organization	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
11-124.646	09-Mar-2010			Colombia	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
10-107.254	27-Feb-2009			Colombia	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
08-088.402	26-Jan-2007			Colombia	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
11-139.799	20-Apr-2010			Colombia	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
1080018806.3	09-Mar-2010			China (People's Republic)	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
0980110745.0	27-Feb-2009			China (People's Republic)	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
0780011397.2	26-Jan-2007			China (People's Republic)	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
1080017643.7	20-Apr-2010			China (People's Republic)	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
To be determined	29-Jun-2010			China (People's Republic)	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS

QTEROS, INC. - Patents

AppNumber	PatNumber	IssDate	CountryName	Owner	InvTitle
2,754,910		09-Mar-2010	Canada	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
2,716,493		27-Feb-2009	Canada	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
2,640,429		26-Jan-2007	Canada	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
To be determined		20-Apr-2010	Canada	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
To be determined		09-Mar-2010	Brazil	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
PI 0908206-9		27-Feb-2009	Brazil	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
PI0706760-7		26-Jan-2007	Brazil	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
To be determined		20-Apr-2010	Brazil	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
2010224284		09-Mar-2010	Australia	Qteros, Inc.	PRODUCTION OF FERMENTIVE END PRODUCTS FROM CLOSTRIDIUM SP.
2009219150		27-Feb-2009	Australia	Qteros, Inc.	METHOD FOR THE CONVERSION OF PLANT MATERIALS INTO FUELS AND CHEMICALS BY SEQUENTIAL ACTION OF TWO MICROORGANISMS
2007210012		26-Jan-2007	Australia	University of Massachusetts	SYSTEMS AND METHODS FOR PRODUCING BIOFUELS AND RELATED MATERIALS
2010239313		20-Apr-2010	Australia	Qteros, Inc.	COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS
20100102327		29-Jun-2010	Argentina	Qteros, Inc.	COMPOSITIONS AND METHODS FOR IMPROVED SACCHARIFICATION OF BIOMASS

EXHIBIT C

Trademarks

Qteros®
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EXHIBIT D

Mask Works

None.