PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3524033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN-PIERRE MONCLIN	09/03/2014
VESA PYLKKANEN	09/08/2014
COSMAS BAYUADRI	09/04/2014

RECEIVING PARTY DATA

Name:	API Intellectual Property Holdings, LLC	
Street Address:	750 Piedmont Ave. NE	
Internal Address:	Attn: Ryan O'Connor	
City:	Atlanta	
State/Country:	GEORGIA	
Postal Code:	30308	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14838339

CORRESPONDENCE DATA

Fax Number: (404)876-6704

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 404-872-8807

Email: roconnor@americanprocess.com RYAN P. O'CONNOR, PH.D. **Correspondent Name:** Address Line 1: 750 PIEDMONT AVE. NE

Address Line 2: ATTN: IP DEPT.

Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER:	0110-NPA
NAME OF SUBMITTER:	RYAN P. O'CONNOR
SIGNATURE:	/Ryan P. O'Connor/
DATE SIGNED:	09/14/2015

Total Attachments: 6

source=0110-NPA Assignments#page1.tif source=0110-NPA_Assignments#page2.tif

> **PATENT REEL: 036554 FRAME: 0615** 503477408

source=0110-NPA_Assignments#page3.tif
source=0110-NPA_Assignments#page4.tif
source=0110-NPA_Assignments#page5.tif
source=0110-NPA_Assignments#page6.tif

PATENT REEL: 036554 FRAME: 0616

PATENT ASSIGNMENT

THIS ASSIGNMENT, by Cosmas BAYUADRI of 946 Crested Hawk Trail, Sugar Hill, GA 30518 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful inventions in "CONTINUOUS COUNTERCURRENT ENZYMATIC HYDROLYSIS OF BIOMASS," American Process Docket No. 0110, set forth in a provisional application in the United States Patent and Trademark Office, bearing patent application number 62/045,293, filed on September 3, 2014; and

WHEREAS, API Intellectual Property Holdings, LLC, a limited-liability company duly organized under and pursuant to the laws of Georgia and having its principal place of business at 750 Piedmont Ave. NE, Atlanta, Georgia 30308, together with its successors and assigns (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto or in any way arising therefrom, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the abovementioned inventions, provisional patent application and any other application for Letters Patent arising therefrom, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all conversions, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the treaties providing for the protection and/or facilitation of industrial property administered by the World Intellectual Property Organization, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title, and interest in and to said inventions and the above-mentioned patent application, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal

Page 1 of 2

representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said further application for Letters Patent arising therefrom, or any proceeding in connection with any Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent for said inventions, without charge to said assignor, his successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue any said Letters Patent of the United States to said assignee as the assignee of said inventions and any Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Cosmas BAYUADRI		Λa
Date: 4 Sep. 2014	Signature:	Baywah

PATENT ASSIGNMENT

THIS ASSIGNMENT, by Jean-Pierre MONCLIN of 144 Ponce De Leon Ave. NE, Atlanta, GA 30308 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful inventions in "COUNTERFLOW ENZYME RIBBON MIXER WITH REVERSE PITCH," American Process Docket No. 0112, set forth in a provisional application in the United States Patent and Trademark Office, bearing patent application number 62/045,325, filed on September 3, 2014; and

WHEREAS, API Intellectual Property Holdings, LLC, a limited-liability company duly organized under and pursuant to the laws of Georgia and having its principal place of business at 750 Piedmont Ave. NE, Atlanta, Georgia 30308, together with its successors and assigns (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto or in any way arising therefrom, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the abovementioned inventions, provisional patent application and any other application for Letters Patent arising therefrom, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all conversions, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the treaties providing for the protection and/or facilitation of industrial property administered by the World Intellectual Property Organization, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title, and interest in and to said inventions and the above-mentioned patent application, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal

Page 1 of 2

PATENT REEL: 036554 FRAME: 0619 representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said further application for Letters Patent arising therefrom, or any proceeding in connection with any Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent for said inventions, without charge to said assignor, his successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue any said Letters Patent of the United States to said assignee as the assignee of said inventions and any Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Igan.	Diarra	N	11 (A	N	CT	IN

Date: 9/3/2014

Signature:

PATENT ASSIGNMENT

THIS ASSIGNMENT, by Jean-Pierre MONCLIN of 144 Ponce De Leon Ave. NE, Atlanta, GA 30308; and Vesa PYLKKANEN of 1253 Wildeliffe Circle, Atlanta, GA 30329 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful inventions in "HIGH-CONSISTENCY ENZYME APPLICATION APPARATUS AND METHOD," American Process Docket No. 0120, set forth in a provisional application in the United States Patent and Trademark Office, bearing patent application number 62/045,366, filed on September 3, 2014; and

WHEREAS, API Intellectual Property Holdings, LLC, a limited-liability company duly organized under and pursuant to the laws of Georgia and having its principal place of business at 750 Piedmont Ave. NE, Atlanta, Georgia 30308, together with its successors and assigns (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto or in any way arising therefrom, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the abovementioned inventions, provisional patent application and any other application for Letters Patent arising therefrom, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all conversions, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the treaties providing for the protection and/or facilitation of industrial property administered by the World Intellectual Property Organization, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title, and interest in and to said inventions and the above-mentioned patent application, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors

Page 1 of 2

will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said further application for Letters Patent arising therefrom, or any proceeding in connection with any Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent for said inventions, without charge to said assignor, his successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue any said Letters Patent of the United States to said assignee as the assignee of said inventions and any Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Jean-Pierre MONCLIN	and the second s	1
Date: 9/3/2014	Signature:	h_
		•
Vesa PYLKKANEN		1
Date: 982014	Signature:	Les -