

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THEODORA RETSINA	05/17/2016
VESA PYLKKANEN	05/17/2016
STEVEN R. RUTHERFORD	05/17/2016
JEAN-PIERRE MONCLIN	05/13/2016
RECEIVING PARTY DATA	
Name:	GRANBIO INTELLECTUAL PROPERTY HOLDINGS, LLC
Street Address:	300 MCINTOSH PARKWAY
Internal Address:	IP DEPT.
City:	THOMASTON
State/Country:	GEORGIA
Postal Code:	30286
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16433407
CORRESPONDENCE DATA	
Fax Number:	(866)586-5349
<i>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.</i>	
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Email:	roconnor@granbio.com
Correspondent Name:	GRANBIO INTELLECTUAL PROPERTY HOLDINGS, LLC
Address Line 1:	C/O PO BOX 580
Address Line 2:	RYAN O'CONNOR
Address Line 4:	MINNETRISTA, MINNESOTA 55364-0580
ATTORNEY DOCKET NUMBER:	0143-CON3
NAME OF SUBMITTER:	RYAN P. O'CONNOR
SIGNATURE:	/Ryan P. O'Connor/
DATE SIGNED:	06/06/2019
Total Attachments: 3	

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PATENT

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PATENT ASSIGNMENT

THIS ASSIGNMENT, by Theodora RETSINA of 836 Penn Avenue, Atlanta, Georgia 30308; Vesa PYLKKANEN of 1253 Wildcliff Circle, Atlanta, Georgia 30329; Steven R. RUTHERFORD of 127 Saint Albans Way, Peachtree City, Georgia 30269; and Jean-Pierre MONCLIN of 1080 West Peachtree St. NW, Atlanta, Georgia 30309 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful inventions in "HYDROTHERMAL-MECHANICAL CONVERSION OF LIGNOCELLULOSIC BIOMASS TO ETHANOL OR OTHER FERMENTATION PRODUCTS," American Process Docket No. 0143-NPA, set forth in a non-provisional application in the United States Patent and Trademark Office, bearing patent application number 15/047,608, filed on February 18, 2016; 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 non-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 above-mentioned inventions, non-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 (arising from PCT/US16/18556 filed February 19, 2016, Docket No. 0143-PCT, or otherwise), and in and to any and all provisional priority applications, 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

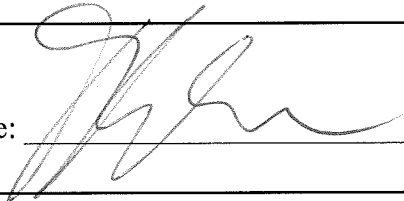
and full right and lawful authority to sell and convey the same in the manner herein set forth.

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 representatives and assigns, shall advise that any proceeding in connection with said inventions, non-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.

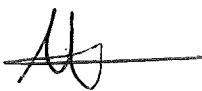
Theodora RETSINA

Date: 17-May-2016

Signature: 


Vesa PYLKKANEN

Date: 17-May-2016

Signature: 


Steven R. RUTHERFORD

Date: 17-May-2016

Signature: 

Jean-Pierre MONCLIN

Date: 5/13/16

Signature: 

STATE OF DELAWARE
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: API-INTELLECTUAL PROPERTY HOLDINGS, LLC
2. The Certificate of Formation of the limited liability company is hereby amended as follows:

1. The name of the Limited Liability Company is
GranBio Intellectual Property Holdings, LLC

IN WITNESS WHEREOF, the undersigned have executed this Certificate on
the 10th day of April, A.D. 2019.

By: Ryan P. O'Connor

Authorized Person(s)

Name: Ryan P. O'Connor, Chief IP Officer

Print or Type