507259274 04/29/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7306195

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA			
	Name	Execution Date	
DANIEL GALL		08/22/2018	
WAYNE KONTUR		08/22/2018	
HOON KIM		08/22/2018	
JOHN RALPH		08/22/2018	
TIMOTHY DONOHUE		08/22/2018	
DANIEL NOGUERA		09/04/2018	
BRIAN FOX		08/23/2018	
CRAIG BINGMAN		08/22/2018	

RECEIVING PARTY DATA

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Street Address:	614 Walnut Street	
City:	Madison	
State/Country:	WISCONSIN	
Postal Code:	53726	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17038971

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ATTORNEY DOCKET NUMBE	R:	P170274US03	
NAME OF SUBMITTER:		WILLIAM TEMBY	
SIGNATURE:		/WILLIAM TEMBY/	
			PATENT

507259274

PAIENI **REEL: 059708 FRAME: 0606**

DATE SIGNED:	04/29/2022	
Total Attachments: 10		
source=P170274US03 Assignment#pag	e1.tif	
source=P170274US03 Assignment#pag	e2.tif	
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ASSIGNMENT

(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
ENZYMES AND METHOD	S FOR PROCESSING LIGN	IN AND OTHER AROMAT	
PRV		62/545214	August 14, 2017
1.3X V	DIMILIA STRATES	02/040234	August 14, 2017

ENZYMES AND METHODS	S FOR PROCESSING LIGN	IN AND OTHER AROMAT	IC COMPOUNDS
PAT	UNITED STATES	16/103275	August 14, 2018

IN VITRO METHODS FOR PROCESSING LIGNIN AND OTHER AROMATIC COMPOUNDS				
CON	UNITED STATES	17/038971	September 30, 2020	

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P170274US03 Wisconsin Alumni Research Foundation

> PATENT REEL: 059708 FRAME: 0608

ASSIGNMENT (Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date		
ENZYMES AND METHOD	S FOR PROCESSING LIGNI	<u>VANDOTHER AROMATIC</u>	COMPOUNDS		
PRV	UNITED STATES	62/545214	August 14, 2017		

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	ENZIMES AND METHOD	S FOR FROCESSING LIQ	AND AND ADDRESS A	AROAMATIC CONTOUNDS
	PAT 1	UNITED STATES	16/103275	August 14, 2018
11	}			

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P170274US01 Wisconsin Alumni Research Foundation

Inventor:

Daniel Gall 1304 Queensbury Cir Durham, NC 27713

Date: <u>August 22, 2018</u>

State of County of $\underline{\sum}_{4 \le hem}$ ss.

On this $\underline{\mathcal{H}}_{\mathcal{A}}$ day of $\underline{\mathcal{H}}_{\mathcal{A}}$ day

SEAL Notary Public My Commission expires: ____

Inventor: 1200 ary

Wayne Kontur 620 W Badger Rd #6 Madison, WI 53713

Date: 8/22 2018

State of Wisconsin))ss. County of Dane)

On this $2 - \frac{1}{2} - \frac{$

www Notary Public



My Commission expires: 122

Inventor:

Hoon Kim 306 N Blackhawk Ave Madison, WI 53705

>))ss.

)

2018 Aug. 22 Date:

State of Wisconsin

County of Dane

On this 22ncl day of 4up ast, 20/8 before me personally appeared Hoon Kim, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public



My Commission expires:

Inventor Kullalal

John Ralph 3525 Lucia Crest Madison, WI 53705

Date: 8/22/2018

State of Wisconsin))ss. County of Dane)

On this 22 day of <u>August</u>. 20 before me personally appeared John Ralph, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL



Notary Public

Zaza My Commission expires:

Inventor:

18 Date:

Timothy Donohue 7615 Voss Pkwy Middleton, WI 53562

>))ss,)

State of Wisconsin

County of Dane

SEAL Notary Public, S WOTARL 2 PUBLIC PUBLIC My Commission expires:

Inventor: Daniel Noguera 919 Columbia Rd. Madison, WI 53705

))ss.

)

2018 ept 4. Date:

State of Wisconsin

County of Dane

On this 449 day of 9646667, 2018 before me personally appeared Daniel Noguera, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

Quine an SEAL Notary Public anathrennesser My Commission expires: ____ 01-12-2

Inventor:

Brian Fox 518 S Paterson St Madison, WI 53703

))ss.

)

8/23, 12018 Date:

State of Wisconsin

County of Dane

On this 23 ed day of 4000 ef, 20/ before me personally appeared Brian Fox, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public



My Commission expires:

Inventor: Craig Bingman

Craig Bingman 18 Halite Way Fitchburg, WI 53711

>))ss.)

Date: 8/22/18

State of Wisconsin

County of Dane

On this 22nd day of 20/d before me personally appeared Craig Bingman, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public



My Commission expires: 12/20/2018

RECORDED: 04/29/2022