PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8135752

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JUDITH K. WHALEY	08/23/2021
WEICHANG LIU	08/17/2021
YUQING ZHOU	08/18/2021
XIAN CHEN	08/17/2021
LESLIE GEORGE HOWARTH	08/18/2021
MARK BELTZ	08/17/2021

RECEIVING PARTY DATA

Name:	TATE & LYLE INGREDIENTS AMERICAS LLC
Street Address:	5450 PRAIRIE STONE PARKWAY
City:	HOFFMAN ESTATES
State/Country:	ILLINOIS
Postal Code:	60192

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17464519

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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.

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MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	16-1113-US-CON
NAME OF SUBMITTER:	JAMES V. SUGGS
SIGNATURE:	/James V. Suggs/
DATE SIGNED:	08/28/2023

PATENT REEL: 064717 FRAME: 0520 508088597

Total Attachments: 4

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PATENT REEL: 064717 FRAME: 0521

ASSIGNMENT

Case No.: 16-1113-WO-US Serial No.: 16/469,463

Inventor(s): Judith K. Whaley, Weichang Liu, Yuqing Zhou, Xian Chen, Leslie George Howarth, and Mark Beltz

Filing Date: June 13, 2019

In consideration of good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Tate & Lyle Ingredients Americas LLC 5450 Prairie Stone Parkway Hoffman Estates, IL 60192

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

"Inhibited Waxy Starches and Methods of Using Them"

and identified as:

Case No. 16-1113-WO-US

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP and in said application and any and all other applications, both United States and foreign (including but not limited to all countries on the list below*), which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries (including but not limited to all countries on the list below*), which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said assignees.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional. continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries (including but not limited to all countries on the list below*) on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

*Countries include, but are not limited to: all member countries of the Patent Cooperation Treaty (PCT) including Albania, Algeria, Antigua and Barbuda, Armenia, Australia, Austria, Azerbaijan, Barbados, Belarus, Belgium, Belize, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Canada, Central African Republic, Chad, China, Colombia, Congo, Costa Rica, Cote d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic, Democratic People's Republic of Korea, Denmark, Dominica, Ecuador, Estonia, Finland, France, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Grenada, Guinea, Guinea-Bissau, Hungary, Iceland, India. Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Kenya, Krygyzstan, Latvia, Lesotho, Liberia, Liechtenstein, Lithuania, Luxembourg, Madagascar, Malawi, Mali, Mauritania, Mexico, Monaco, Mongolia, Monaco, Mongolia, Morocco, Netherlands, New Zealand, Niger, Norway, Poland. Portugal, Republic of Korea, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Singapore, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Sudan, Swaziland, Sweden, Switzerland, Tajikstan, The former Yugoslav Republic of Macedonia, Togo, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, United Arab Emirates, United Kingdom, United Republic of Tanzania, United States of America, Uzbekistan, Vietnam, Yugoslavia, Zambia, Zimbabwe.

WITNESS my hand and seal this	s <u>23</u> day of .	August	, <u>2021.</u>	
		Judit	igned by: Whaley	
		Ju	dith K. Whaley	
The foregoing instrument was ac	cknowledged be		23 day of	
			ocuSigned by: ecco Valente	
		WITNESS	49878FU8D64AB	

WITNESS my hand and	seal this $\underline{17}$ day of $\underline{}$	August , <u>2021.</u>
		DocuSigned by:
		Weidlang liu
		Weichang Liu
The foregoing instrument	was acknowledged befo	ore me this 23 day of
August,	2021 by Rocco Vale	nte
		DocuSigned by:
		Rocco Valente
		WITNESS
WITNESS my hand and	seal this $\frac{18}{}$ day of $$	ugust , <u>2021.</u>
		DocuSigned by:
		Yuging Thou
		Yuqing Zhou
The foregoing instrument	was acknowledged befo	ore me this 23 day of
August	2021 by Rocco Vale	nte
	,	DocuSigned by:
		Rocco Valente
		WITNESS
WITNESS my hand and	seal this 17 day of A	August , <u>2021.</u>
• • • • • • • • • • • • • • • • • • •		DocuSigned by:
		Mili
		Xian Chen
The foregoing instrument	was acknowledged befo	ore me this <u>23</u> day of
August .	2021 by Rocco Vale	nte
	a van te wy	DocuSigned by:
		Rocco Valente
		WITNESS

WITNESS my hand and	seal this 18	_ day of _	August	. 2021.
				DocuSigned by:
				leslie George Howarth
			***************************************	Leslie George Howarth
				, and the second
The foregoing instrumer	nt was acknowl	edged be	fore me t	this ²³ day of
August	. <u>2021</u> by ^{Ro}	cco Vale	nte	
			4	DocuSigned by:
				Rocco Valente
			WITN	1ESS
WITNESS my hand and	seal this <u>17</u>	_ day of _	August	
				DocuSigned by:
				Mark Bulty
				Mark Beltz
The foregoing instrumer	nt was acknowl	edged be	fore me t	this <u>23 </u> day of
August	, <u>2021</u> by ^{Ro}	occo Vale	ente	
August		***************************************		DocuSigned by:
				Rocco Valente
				5240D78F08D84AB
			WITN	100

Accepted and Agreed to by Assignee, Tate & Lyle Ingredients Americas LLC

Signature: Sara Dasighib-Vinasav

Printed Name: Sara Dastgheib-Vinarov

Title: Global Legal Head of Intellectual Property

Date: 8/24/2021

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RECORDED: 08/28/2023