PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAY CHYE JOACHEM LOO	12/18/2018
KEE WOEI NG	12/13/2018

RECEIVING PARTY DATA

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Street Address:	50 NANYANG AVENUE
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State/Country:	SINGAPORE
Postal Code:	639798

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16762845

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ATTORNEY DOCKET NUMBER:	7159	
NAME OF SUBMITTER:	KAREN SINCLAIR	
SIGNATURE:	/KS/	
DATE SIGNED:	10/08/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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> **PATENT** REEL: 054012 FRAME: 0917

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> PATENT REEL: 054012 FRAME: 0918

Patent Assignment HU Case No.: HU 7159 Appin, Nos.: 62/697,827 & PCT/US18/60896

ASSIGNMENT / DECLARATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned:

Say Chye Joachim Loo and Kee Woei Ng

(each hereafter "Assignor") hereby assign, sell, and transfer to:

Nanyang Technological University 50 Nanyang Avenue Singapore 639798

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title, and interest throughout the world in and to any and all inventions and designs described in any of the following applications:

7/13/2018

Country Application No. Filing Date Title
US 62/697,827 6/13/2018 CARBOHYDRATE DIGESTION
REDUCTION BY NANOCELLULOSE
WO PCT/US18/60096 11/9/2018 METHODS FOR REDUCING
BIOAVAILABILITY AND ABSORPTION
OF INGESTED SUBSTANCES

and in and to the aforesaid application, in any form or embodiment thereof, and in and to any application on any of the inventions and designs filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title, and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and designs and any divisional, continuation, or substitute applications which may be filed upon said invention and design or inventions and designs in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

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Patent Assignment HU Case No.: HU 7159

Appln. Nos.: 62/697,827 & PCT/US18/60096

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions and designs, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee, or its successors and assigns, to communicate to said Assignee, its representatives or agents, or its successors and assigns, any facts relating to said invention and design or inventions and designs including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain, and enforce proper patent protection for said invention and design or inventions and designs in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors in the patent/application information provided above including, but not limited to, said application serial number and filing date, prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention and design in the application.

I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

All statements made herein of my own knowledge are true, and all statements made herein on information and belief are believed to be true. I hereby acknowledge that any willful false statement and the like made in this declaration is punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. § 1001, and may jeopardize the validity of the application or any patent issuing thereon.

Patent Assign HU Case No. Appln. Nos.:	: HU 7159	& PCT/US18/600	196

18	Dec.	2018
\ _		

Date

Inventor: Say Chye Joachim Loo

Address: 9 Bishan Street 15 #03-12 Singapore 573909

Citizenship: Singaporean

Wi	tne	20

18 DEC 2018

Date

Signature

Name:

Address:

Patent Assignment HU Case No.: HU 7159 Appln. Nos.: 62/697,827 & PCT/US18/60096

13 Dec 2018

Date

Inventor: Kee Woei Ng

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Witness:

13 Dec 2018

Date

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Page 4 of 4



United States Patent And Trademark Office

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 10, 2019

PTAS

TIMOTHY J. OYER WOLF, GREENFIELD & SACKS, P.C. 600 ATLANTIC AVENUE BOSTON, MA 02210

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BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: HU 7159 NANYANG

ASSIGNOR:

LOO, SAY CHYE JOACHIM

DOC DATE: 12/18/2018

ASSIGNOR:

NG, KEE WOEI

DOC DATE: 12/13/2018

ASSIGNEE:

NANYANG TECHNOLOGICAL UNIVERSITY 50 NANYANG AVENUE SINGAPORE, SINGAPORE 639796

APPLICATION NUMBER: 62697827

FILING DATE: 07/13/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: CARBOHYDRATE DIGESTION REDUCTION BY NANOCELLULOSE

APPLICATION NUMBER:

FILING DATE: 11/09/2018

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US1860096

TITLE: METHODS FOR REDUCING BIOAVAILABILITY AND ABSORPTION OF INGESTED SUBSTANCES

> P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV **PATENT** REEL: 054012 FRAME: 0923

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT REEL: 054012 FRAME: 0924

RECORDED: 10/08/2020