

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5655534

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PTTGC INNOVATION AMERICA CORPORATION	06/19/2019
RECEIVING PARTY DATA	
Name:	PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED
Street Address:	555/1 ENERGY COMPLEX BUILDING,
Internal Address:	BUILDING A, 14-18TH FLOOR
City:	BANGKOK
State/Country:	THAILAND
Postal Code:	10900
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15774085
CORRESPONDENCE DATA	
Fax Number:	(781)569-6248
<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>	
Phone:	7815696306
Email:	rmanan@gcinnovationamerica.com
Correspondent Name:	RAMASAMY MANNAN
Address Line 1:	42 CUMMINGS PARK
Address Line 2:	PTTGC INNOVATION AMERICA CORPORATION
Address Line 4:	WOBURN, MASSACHUSETTS 01801
ATTORNEY DOCKET NUMBER:	MC2018-01US
NAME OF SUBMITTER:	RAMASAMY MANNAR MANNAN
SIGNATURE:	/Ramasamy Mannar Mannan/
DATE SIGNED:	08/06/2019
Total Attachments: 6	
source=RDSA - Patent Assignment Agreement - Fully-Executed#page1.tif	
source=RDSA - Patent Assignment Agreement - Fully-Executed#page2.tif	
source=RDSA - Patent Assignment Agreement - Fully-Executed#page3.tif	
source=RDSA - Patent Assignment Agreement - Fully-Executed#page4.tif	

source=RDSA - Patent Assignment Agreement - Fully-Executed#page5.tif

source=RDSA - Patent Assignment Agreement - Fully-Executed#page6.tif

PATENT ASSIGNMENT AGREEMENT

This **PATENT ASSIGNMENT AGREEMENT** (this "**Patent Assignment**"), effective as of June 18, 2019, is made by and between PTTGC Innovation America Corp. d/b/a GC Innovation America (formerly known as Myriant Corporation), a Delaware Corporation, located at 42 Cummings Park, Woburn, MA 01801 ("**Assignor**"), and PTT Global Chemical Public Company Limited, a company operating and existing under the laws of the Kingdom of Thailand, located at 555/1 Energy Complex, Building A, 14th - 18th Floor, Vibhavadi Rangsit Road, Chatuchak, Chatuchak, Bangkok 10900 Thailand ("**Assignee**"). Assignor and Assignee are sometimes referred to herein as a "**Party**" and collectively as the "**Parties**."

RECITALS:

WHEREAS, Assignor is a wholly-owned subsidiary of Assignee;

WHEREAS, Assignor conducted the research leading to the inventions claimed in the Patent Portfolio with the financial assistance provided by Assignee, under a series of Research and Development Service Agreements (the "**RDSA**") from July 1, 2015 to June 30, 2019 and Assignor filed patent applications under a series of RDSA in Assignor's name set forth on Schedule A, referred hereto as (the "**Patents**)

AGREEMENT:

NOW, THEREFORE, for good and valuable consideration, for which the receipt and sufficiency is hereby acknowledged, Assignor and Assignee hereby agree as follows:

1. Assignor does hereby sell, assign, transfer, convey, and deliver to Assignee, its successors and permitted assigns, all of Assignor's right, title, and interest in and to the Patents which may have issued arising from pending applications and any continuations, continuations-in-part, divisions, reissues, reexaminations, and extensions, and foreign patents and patent applications related thereto, and any rights to file applications and receive patents thereon, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which the said Patents are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made; together with all claims for past and future damages by reason of infringement of the same, with the right to sue for past and future damages.

2. Assignor hereby requests the Commissioner for Patents at the U.S. Patent and Trademark Office (the "**Commissioner**"), as well as his or her counterparts at the corresponding entities or agencies in any country or jurisdiction that may exercise authority over any of the Patents, to record this Patent Assignment. Assignor does hereby further request the Commissioner and his or her non-U.S. counterparts to issue any and all patents resulting from applications among the Patents or derived therefrom to Assignee as assignee of the entire interest therein.

3. Upon reasonable request by Assignee, Assignor will execute further papers (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens, assignments, powers of attorney, or other documentation) and to do such other acts as may be necessary or reasonably requested by Assignee to vest full title in and to the Patents in Assignee or that may be necessary to obtain, renew, issue, or enforce the Patents. Assignor does hereby authorize Assignee, and does hereby make, constitute, and appoint Assignee, and its officers, agents, successors, and assigns with full power of substitution as Assignor's true and lawful attorney-in-fact, with power, in Assignee's own name or the name of Assignor, to execute any such further papers; *provided*, that Assignee shall not execute any such further papers unless Assignor has failed to do so within five (5) Business Days of Assignee's delivery to Assignor of a written request therefor.

4. This Patent Assignment may be executed in any number of counterparts (including by facsimile and .pdf or other electronic file), each of which shall be deemed to be an original, and all of which together shall be deemed to be one and the same instrument. The Parties need not execute the same counterpart, and any facsimile or .pdf signature shall be deemed binding for all purposes hereof without delivery of an original signature being thereafter required.

5. This Patent Assignment shall be governed by, and construed and enforced in accordance with, the laws of the State of Delaware, without regard to its rules of conflict of laws. Each Party hereby expressly consents to the exclusive jurisdiction of the United States District Court for the District of Delaware, and, in the absence of such federal jurisdiction, each Party consents to be subject to the exclusive jurisdiction of the courts of the State of Delaware, in each case, for any lawsuit filed there arising from or relating to this Patent Assignment for the purposes of enforcing any arbitration award and waives, and will not assert, any arguments related to jurisdiction and venue in connection therewith. Service of process with respect thereto may be made upon the Parties by mailing a copy thereof by registered or certified mail, postage prepaid, to that Party at the applicable address provided below.

6. This Patent Assignment may be amended, supplemented, or otherwise modified only by a written instrument duly executed by the Parties. No waiver by any Party of any of the provisions hereof shall be effective unless explicitly set forth in writing and executed by the Party so waiving. The waiver by any Party of a breach of any provision of this Patent Assignment, whether intentional or not, shall not operate or be construed as a waiver of any subsequent breach. No delay or omission on the part of any Party in exercising any right, power, or remedy under this Patent Assignment shall operate as a waiver thereof.

7. This Patent Assignment shall be binding upon, and shall inure to the benefit of, the Parties and their respective successors and assigns.


* * *

Smith
Ray

IN WITNESS WHEREOF, Assignor and Assignee have caused this Patent Assignment to be executed as of the date first set forth above.

ASSIGNOR:

PTTGC INNOVATION AMERICA CORP.
D/B/A GC INNOVATION AMERICA

By: 
Name: Pariyanuch SaeKow
Its: President and Chief Executive Officer

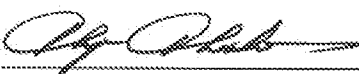
Address for Notices:

PTTGC INNOVATION AMERICA CORP.
D/B/A GC INNOVATION AMERICA
42 Cummings Park, Woburn, MA 01801

Facsimile: 781-569-6248
Email: econlin@gcinnovationamerica.com
Attention: Eric Conlin

ASSIGNEE:

PTT GLOBAL CHEMICAL PUBLIC
COMPANY LIMITED

By: 
Name: Chaya Chandavasu
Its: Senior Vice President of Science
and Innovation

Address for Notices:

PTT GLOBAL CHEMICAL PUBLIC
COMPANY LIMITED
555/1 Energy Complex, Building A, 14th -
18th Floor, Vibhavadi Rangsit Road,
Chatuchak, Chatuchak, Bangkok 10900
Thailand

Facsimile: +66 (0) 2-265-8389
Email: Patcharaporn.k@pttgroup.com
Attention: Miss Patcharaporn
Kaivalchatchawal

Schedule A (Myriant-GCIA Patent Portfolio)

Title	Country	Application No.
DICYCLOPENTADIENE MODIFIED ESTER OLIGOMERS USEFUL IN COATING APPLICATIONS TOGETHER WITH ASSOCIATED INTELLECTUAL PROPERTY OF US PATENT APPLICATION NO. 15774085, INCLUDING US TRADEMARK APPLICATION NO.86931524 (MYRIBOND)	USPRO	62270377
	MPCT	PCTUS2016067806
	AU	2016377580
	BR	1120180104914
	CA	3008681
	CN	2016800748024
	EP	168799799
	IN	20187020347
	JP	2018551902
	KR	1020187013895
	MX	MX/A/2018/007602
	TH	1801003649
	US	15774085
	IMPROVED MUCONIC ACID PRODUCTION FROM GENETICALLY ENGINEERED MICROORGANISMS	USPRO
PCT		PCTUS2017020263
CN		201780026997.X
EP		177607447
JP		2018-545971
KR		1020187028248
SG		11201807544
TH		1801005247

Amurat
P. [Signature]

	US	16081504	
HYBRID POLYOLS BASED ON NATURAL OIL POLYOLS	USPRO	62355779	
	USPRO	62404085	
	PCT	PCTUS2017039562 WO2018/005538	
	CN	201780052019.2	
	EPO	EP17821096.9	
	ID	P00201811221	
	IN	201817048799	
	JP	2018-568684	
	KR	10-2019-7002516	
	MY	PI 2018002971	
	PH	1-209-500006	
	SG	11201811496R	
	TH	1801008162	
	US	16/313,216	
	BIORENEWABLE HIGH PERFORMANCE POLYESTER POLYOLS	USPRO	62399423
		PCT	PCTUS2017053184 WO2018/058016
CN		Application filed on May 22, 2019; waiting for the application number	
EPO		178540613	
ID		P00201903415	
IN		201917011266	
JP		2019-515910	

	KR	10-2019-7010885
	MY	PI 20196016605
	PH	1-2019-500641
	TH	1901001729
	US	16/335930
	VN	1-2019-01941
GENETICALLY MODIFIED YEAST WITH INCREASED SUCCINIC ACID PRODUCTION	USPRO	62527351
	PCT	PCTUS2018034121 WO2019/005340
DICYCLOPENTADIENE MODIFIED ESTER OLIGOMERS USEFUL IN CORROSION RESISTANT COATINGS	USPRO	62528088
	PCT	PCTUS2018038682 WO2019/010006
MICROORGANISMS WITH STABILIZED COPY NUMBER OF FUNCTIONAL DAN SEQUENCES AND ASSOCIATED METHODS	USPRO	62527442
	USPRO	62584270
	PCT	PCTUS2018040312 WO2019/006312
MICRO-ORGANISMS AND PROCESSES FOR LACTIC ACID PRODUCTION	USPRO	62631541
	PCT	PCT/US19/18192
MICROBIAL STRAINS ENGINEERED FOR IMPROVED FRUCTOSE UTILIAZATION	USPRO	62/783,661
ANIONICALLY STABILIZED PBS EMULSION	USPRO	62/838384