

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4420841

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ATTAPONG THIRASAK	03/15/2017
ALISA KAMMAFOO	03/15/2017
WIROON TANTHAPANICHAKOON	03/14/2017
ZHONGYI DING	02/27/2017
SACHIN JOSHI	02/27/2017
ARNAT PROMBUNGLUM	03/15/2017
WORAWUT TAMTHAISONG	03/15/2017
PURACHET PITIPUECH	03/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCG CHEMICALS CO., LTD.
<b>Street Address:</b>	NO. 1 SIAM CENTRAL ROAD
<b>Internal Address:</b>	BANGSUE SUB-DISTRICT, BANGSUE DISTRICT
<b>City:</b>	BANGKOK METROPOLIS
<b>State/Country:</b>	THAILAND
<b>Postal Code:</b>	10800
<b>Name:</b>	GTC TECHNOLOGY US, LLC
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<b>Postal Code:</b>	77079
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15505593
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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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PATENT

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**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402-1498

**ATTORNEY DOCKET NUMBER:** P248492.WO-US.01

**NAME OF SUBMITTER:** KATHERINE BENTON

**SIGNATURE:** /Katherine Benton/

**DATE SIGNED:** 05/18/2017

**Total Attachments: 2**

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# ASSIGNMENT

[Entity]

First Named Inventor: Attapong Thirasak

Title: SEPARATION PROCESS FOR C8 AROMATICS MIXTURE

Docket No. P248492,WO-US,01

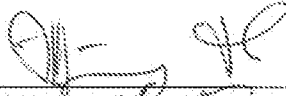
WHEREAS, I, Attapong Thirasak, of Bangkok Metropolis, Thailand, Alisa Kammafoo, of Bangkok Metropolis, Thailand, Wiroon Tanthapanichakoon, of Bangkok Metropolis, Thailand, Zhongyi Ding, of Katy, Texas, United States of America, Sachin Joshi, of Katy, Texas, United States of America, Arnat Prombungum, of Bangkok Metropolis, Thailand, Worawut Tamthaisong, of Bangkok Metropolis, Thailand, and Purachet Pitipuech, of Bangkok Metropolis, Thailand, have invented certain new and useful improvements as described in an application entitled **Separation Process For C8 Aromatics Mixture** for Letters Patent of the United States, the application being identified by the Attorney Docket Number set forth above and/or being identified in the United States Patent and Trademark Office by Application No. 15/505,593, filed February 21, 2017;

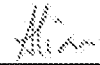
WHEREAS, SCG Chemicals Co., Ltd., a limited liability company organized and existing under the laws of Thailand, and having offices at No. 1 Siam Cement Road, Bangsue Sub-District, Bangsue District, Bangkok Metropolis, 10800 Thailand and GTC TECHNOLOGY US, LLC having its registered office at 900 Threadneedle Street, #800, Houston, TX 77079 United States of America, hereinafter called the ("Assignees"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

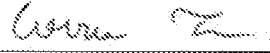
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignees, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, non-provisionals, divisionals, continuations, and continuations-in-part, reissues, reexaminations or extensions thereof), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignees.

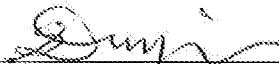
If the application number and filing date are unknown at the time of preparing this Assignment, I authorize the Assignees, its successors and assigns, to insert this instrument the filing date and application number of the application when ascertained. I authorize the Assignees, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignees, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignees, its successors and assigns, execute such additional writings and do such additional acts as the Assignees, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

  
 Attapong Thirasak 3/15/2017  
 (date)

  
 Alisa Kammafoo 15/3/17  
 (date)

  
 Wiroon Tanthapanichakoon 14/3/17  
 (date)


  
 Zhongyi Ding 2/27/2017  
 (date)

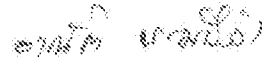
**ASSIGNMENT**  
[Entity]


First Named Inventor: Aitapong Thirasak


Title: SEPARATION PROCESS FOR C8 AROMATICS MIXTURE

Docket No. P248492.WO-US.01

  
Sachin Joshi 02/27/2017  
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Arnat Prombunglum 15/03/2012  
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Worawut Tamthaisong 15/3/2017  
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