

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL J. BINKLEY	04/06/2016
CASEY F. BOWLES	04/08/2016
PHILLIP BRADLEY FLEMING	04/08/2016
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15086602
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<b>NAME OF SUBMITTER:</b>	SAMUEL A. UDOVICH
<b>SIGNATURE:</b>	/Samuel A. Udovich/
<b>DATE SIGNED:</b>	04/13/2016
<b>Total Attachments: 5</b>	
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## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Michael J. BINKLEY; Casey F. Bowles; and Phillip Bradley FLEMING (hereinafter referred to as Assignors), residing at 2006 S. Uhl Rd., Glenn Heights, Texas 75154; 113 Tanbark Cir., Coppell, Texas 75019; and 1310 Cielo Vista Drive, Keller, Texas 76248, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in STRUCTURED PACKING WITH ENHANCED FLUID-FLOW INTERFACE, set forth in a Patent application for Letters Patent of the United States, already filed on March 31, 2016 as U.S. Application No. 15/086,602; and

**WHEREAS**, GTC Technology US LLC, a Limited Liability Company organized under and pursuant to the laws of Texas having its principal place of business at 1001 S. Dairy Ashford, Suite 500, Houston, Texas 77077 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee. Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WINSTEAD PC

All practitioners at Customer Number 61060

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

6 April 2016  
Date

Michael J. Binkley  
Michael J. BINKLEY

Witness:  
10 April 2016  
Date

Cynthia Binkley

4/8/2016  
Date

Casey F. Bowles  
Casey F. Bowles

Witness:  
4/8/2016  
Date

Crystal Bell

04/8/2016  
Date

*Phillip Bradley Fleming*  
Phillip Bradley FLEMING

Witness:  
4/08/2016  
Date

*Capital Bell*

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