503379940 07/06/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANISH BHARGAVA	02/09/2015
JOSEPH C. GENTRY	02/02/2015

RECEIVING PARTY DATA

Name:	GTC TECHNOLOGY US, LLC	
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Internal Address:	SUITE 500	
City:	HOUSTON	
State/Country:	e/Country: TEXAS	
Postal Code:	77077	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14604712	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	46965-P237US	
NAME OF SUBMITTER:	LEKHA GOPALAKRISHNAN	
SIGNATURE:	/Lekha Gopalakrishnan/	
DATE SIGNED:	07/06/2015	

Total Attachments: 4

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PATENT 503379940 REEL: 036001 FRAME: 0954

ASSIGNMENT

THIS ASSIGNMENT, is made by Manish Bhargava and Joseph C. Gentry (hereinafter Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in METHOD OF CARRYING OUT ABSORPTION/DISTILLATION IN A SINGLE COLUMN DESIGN, set forth in a Patent application for Letters Patent of the United States, already filed on January 24, 2015 as U.S. Application No. 14/604,712; and

WHEREAS, GTC Technology US, LLC, of 1001 S. Dairy Ashford Rd., Suite 500, Houston, Texas 77077 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and 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 abovementioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, 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 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

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entire right, title and interest in and to the inventions and application for Letters Patent abovementioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors 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, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the 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 request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of 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 that 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.

		Manish B	hargava
Date:	02/03/2015		
United Stat	tes of America		
State of	$(\mathcal{L}(a))$)s	s.:	
County of	Fort Bend	<u></u>	
On this personally of	ame day of February Came Manish Bhargava	, 	, before me be the individual
described in	n and who executed the foregoing inst		
of the same		11 n - d	0 ~.
	VALERIE AMANDA WISE My Commission Expires July 11, 2017	Notary Public	noude Wise

Marin Bhga

Joseph C. Gentry
Date: February 2, 2015
United States of America State of Texas ss.: County of Harris
On this Znd day of Flywww, 2016, before me personally came Joseph C. Gentry, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.
VALÉRIE AMANDA WISE My Commission Expires July 11, 2017