

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4664571

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER AND CHANGE OF NAME	
EFFECTIVE DATE:	10/30/2013	
CONVEYING PARTY DATA		
	Name	Execution Date
	GT CRYSTAL SYSTEMS, LLC	10/30/2013
NEWLY MERGED ENTITY DATA		
	Name	Execution Date
	GTAT CORPORATION	10/30/2013
MERGED ENTITY'S NEW NAME (RECEIVING PARTY)		
Name:	GTAT CORPORATION	
Street Address:	243 DANIEL WEBSTER HIGHWAY	
City:	MERRIMACK	
State/Country:	NEW HAMPSHIRE	
Postal Code:	03054	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14541755
CORRESPONDENCE DATA		
Fax Number:	(617)918-7878	
<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:	6179187603	
Email:	patent@piblaw.com	
Correspondent Name:	PARKER IBRAHIM & BERG LLC	
Address Line 1:	1 FINANCIAL CENTER	
Address Line 2:	FLOOR 15	
Address Line 4:	BOSTON, MASSACHUSETTS 02111	
ATTORNEY DOCKET NUMBER:	0150046.CIP	
NAME OF SUBMITTER:	STEPHEN D. LEBARRON	
SIGNATURE:	/Stephen D. LeBarron/	
DATE SIGNED:	10/30/2017	

Total Attachments: 3

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Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"GT CRYSTAL SYSTEMS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "GTAT CORPORATION" UNDER THE NAME OF "GTAT CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTIETH DAY OF OCTOBER, A.D. 2013, AT 3:33 O'CLOCK P.M.


A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.

3469748 8100M

131252272

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 0854954

DATE: 10-30-13

PATENT
REEL: 043983 FRAME: 0059

CERTIFICATE OF MERGER

MERGING

GT CRYSTAL SYSTEMS, LLC

WITH AND INTO

GTAT CORPORATION

Pursuant to Title 8, Section 264(c) of the Delaware General Corporation Law (the "**DGCL**"), GTAT Corporation (the "**Corporation**"), a Delaware corporation, does hereby certify to the following information relating to the merger (the "**Merger**") of GT Crystal Systems, LLC, a Delaware limited liability company (the "**Subsidiary**"), and together with the Corporation, the "**Constituent Companies**"), with and into the Corporation, with the Corporation remaining as the surviving corporation:

1. The Corporation owns all of the outstanding membership interests of the Subsidiary.
2. The Agreement and Plan of Merger, dated as of the date hereof, by and among the Corporation and the Subsidiary (the "**Merger Agreement**"), has been approved, adopted, certified, executed and acknowledged by each of the Constituent Companies in accordance with the provisions of the DGCL.
3. The Corporation shall be the surviving corporation of the Merger.
4. The Certificate of Incorporation of the Corporation, as in effect immediately prior to the Merger, shall be the Certificate of Incorporation of the surviving corporation.
5. The executed Merger Agreement is on file at the principal place of business of the Corporation. The address of the principal place of business of the Corporation is: 243 Daniel Webster Highway, Merrimack, NJ 03054.
6. A copy of the Merger Agreement will be furnished by the Corporation, on request and without cost, to any stockholder or member of the Constituent Companies.
7. The Certificate of Merger and the Merger shall become effective upon the filing of such Certificate of Ownership and Merger with the Delaware Secretary of State.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Merger to be signed by an authorized officer, the 30th of October, 2013.

GTAT Corporation



By _____

Name: Hoil Kim

Title: Vice President

[Signature page to Merger Certificate]