

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4685099

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CTG ADVANCED MATERIALS, LLC	04/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CTS ADVANCED MATERIALS, LLC
<b>Street Address:</b>	479 QUADRANGLE DRIVE
<b>Internal Address:</b>	SUITE E
<b>City:</b>	BOLINGBROOK
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60440
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8728238
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(630)577-8896
<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>	
<b>Phone:</b>	630-577-8800
<b>Email:</b>	daniel.deneufbourg@ctscorp.com
<b>Correspondent Name:</b>	CTS CORPORATION
<b>Address Line 1:</b>	2375 CABOT DRIVE
<b>Address Line 4:</b>	LISLE, ILLINOIS 60532
<b>ATTORNEY DOCKET NUMBER:</b>	HCMAT.P019
<b>NAME OF SUBMITTER:</b>	DANIEL DENEUFBOURG
<b>SIGNATURE:</b>	/Daniel Deneufbourg/
<b>DATE SIGNED:</b>	11/13/2017
<b>Total Attachments: 2</b>	
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# Delaware

The First State

Page 1

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 AMENDMENT OF "CTG ADVANCED MATERIALS, LLC", CHANGING ITS NAME FROM "CTG ADVANCED MATERIALS, LLC" TO "CTS ADVANCED MATERIALS, LLC", FILED IN THIS OFFICE ON THE SEVENTH DAY OF APRIL, A.D. 2016, AT 10:55 O'CLOCK A.M.



S393230 8100  
SR# 20162137778

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature in black ink, appearing to read "JWBULLOCK", written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 202109390  
Date: 04-07-16

**PATENT**  
**REEL: 044786 FRAME: 0538**

STATE OF DELAWARE  
CERTIFICATE OF AMENDMENT

1. Name of Limited Liability Company: CTG Advanced Materials, LLC

2. The Certificate of Formation of the limited liability company is hereby amended as follows:

Limited Liability Company Name: CTG Advanced Materials, LLC  
Address of the principal place of business is: 479 Quadrangle Dr., Suite-E, Bolingbrook, IL 60440  
Registered Agent: NATIONAL CORPORATE RESEARCH, LTD. 850 New Burton Road, Suite 201 Dover, DE 19904 (Kent County)

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the 4th day of April, A.D. 2016.

By: Christina M. Shane  
Authorized Person(s)

Name: Christina M. Shane, V. P.  
Print or Type