

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4954645

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	MERGER		
EFFECTIVE DATE:	11/04/2015		
CONVEYING PARTY DATA			
Name			Execution Date
ADVANCED TECHNOLOGY MATERIALS, INC.			11/04/2015
RECEIVING PARTY DATA			
Name:	ENTEGRIS, INC.		
Street Address:	129 CONCORD ROAD		
City:	BILLERICA		
State/Country:	MASSACHUSETTS		
Postal Code:	01821		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	15971535		
CORRESPONDENCE DATA			
Fax Number:	(651)351-2954		
<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>			
Email:	jbarnes@kaganbinder.com		
Correspondent Name:	KAGAN BINDER PLLC		
Address Line 1:	221 MAIN STREET NORTH		
Address Line 2:	SUITE 200		
Address Line 4:	STILLWATER, MINNESOTA 55082		
ATTORNEY DOCKET NUMBER:	201400179PCTUSCON		
NAME OF SUBMITTER:	JENNIFER M. BARNES		
SIGNATURE:	/JENNIFER M. BARNES/		
DATE SIGNED:	05/10/2018		
Total Attachments: 3			
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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 OWNERSHIP, WHICH MERGES:

"ADVANCED TECHNOLOGY MATERIALS, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENTEGRIS, INC." UNDER THE NAME OF "ENTEGRIS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE FOURTH DAY OF NOVEMBER, A.D. 2015, AT 11:12 O'CLOCK A.M.

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



3941572 8100M
SR# 20150770761

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

A handwritten signature in black ink, appearing to read "JBULLOCK", written over a horizontal line.

Authentication: 10359982
Date: 11-04-15

PATENT
REEL: 045763 FRAME: 0183

STATE OF DELAWARE
CERTIFICATE OF OWNERSHIP

SUBSIDIARY INTO PARENT
Section 253

CERTIFICATE OF OWNERSHIP

MERGING

ADVANCED TECHNOLOGY MATERIALS, INC.

INTO

ENTEGRIS, INC.

(Pursuant to Section 253 of the General Corporation Law of Delaware)

Entegris, Inc., a Delaware corporation incorporated on the 17th day of March, 2005, pursuant to the provisions of the General Corporation Law of the State of Delaware (the "Corporation");

DOES HEREBY CERTIFY that the Corporation owns 100% of the capital stock of Advanced Technology Materials, Inc., a corporation originally incorporated on the 8th day of May, 1987, converted into Advanced Technology Materials, LLC, a Delaware limited liability company, on October 31, 2015 and converted into Advanced Technology Materials, Inc., a Delaware corporation, on November 3, 2015, pursuant to the provisions of the General Corporation Law of the State of Delaware, and that the Corporation, by a resolution of its Board of Directors duly adopted by unanimous consent at a meeting held on 7th day of October, 2015, determined to merge into itself Advanced Technology Materials, Inc., effective as of the filing of this Certificate of Ownership with the Secretary of State of the State of Delaware, which resolution is in the following words to wit:

RESOLVED: That the merger of this Corporation's wholly owned subsidiary, Advanced Technology Materials, Inc. with and into this Corporation in accordance with Section 253 of the Delaware General Corporation Law, be, and it hereby is, approved, and the Senior Vice President & General Counsel be, and he hereby is, authorized and empowered to execute, acknowledge and file with the Secretary of State of Delaware a certificate of ownership and merger setting forth this resolution in order to effect such merger.

[The remainder of the page has intentionally been left blank.]

IN WITNESS WHEREOF, Entegris, Inc. has caused this certificate to be signed by an authorized officer this 4th day of November, 2015 A.D.

By: Peter W. Walcott
Authorized officer

Name: Peter W. Walcott

Title: Senior Vice President and Secretary