

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6862454

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS RICHARDSON	09/19/2017
KYLE WHITTEN	09/19/2017
VINCENT PANECCASIO JR.	09/19/2017
JOHN COMMANDER	09/19/2017
RICHARD HURTUBISE	09/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MACDERMID ENTHONE INC.
<b>Street Address:</b>	245 FREIGHT STREET
<b>City:</b>	WATERBURY
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06702
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16334098
<b>Application Number:</b>	17400633
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)784-3199
<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>Email:</b>	mpspatents@carmodylaw.com
<b>Correspondent Name:</b>	CARMODY TORRANCE SANDAK & HENNESSEY LLP
<b>Address Line 1:</b>	195 CHURCH STREET
<b>Address Line 2:</b>	PO BOX 1950
<b>Address Line 4:</b>	NEW HAVEN, CONNECTICUT 06509-1950
<b>ATTORNEY DOCKET NUMBER:</b>	31183-03A/3B (AES)
<b>NAME OF SUBMITTER:</b>	LINDA M. FREED
<b>SIGNATURE:</b>	/LINDA M. FREED/
<b>DATE SIGNED:</b>	08/12/2021
<b>Total Attachments: 4</b>	

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## ASSIGNMENT

WHEREAS, we,

**THOMAS RICHARDSON**, residing at 99 Roast Meat Hill Road, Killingworth, CT 06419, U.S.; **KYLE WHITTEN**, residing at 265 Dunbar Hill Road, Hamden, CT 06514, U.S.; **VINCENT PANECCASIO, JR.**, residing at 14 White Birch Road, Madison, CT 06643, U.S.; **JOHN COMMANDER**, residing at 3 Nutmeg Circle, Old Saybrook, CT 06475, U.S.; and **RICHARD HURTUBISE**, residing at 18 Mallard Lane, Clinton, CT 06413, U.S., having made an invention entitled COPPER DEPOSITION IN WAFER LEVEL PACKAGING OF INTEGRATED CIRCUITS, Attorney Docket No. 31183-03A (AES), an application for which an international application is being executed concurrently herewith; or

We hereby authorize and request our attorney, Jennifer A. Calcagni, of Carmody Torrance Sandak & Hennessey LLP, 195 Church Street, P.O. Box 1950, New Haven, Connecticut 06509-1950 to insert the filing date and application number of said application when known in the spaces provided below:

International Filing Date:	<u>9/20/2017</u>
International Application No.:	<u>PCT/US2017/52449</u>

**NOW, THEREFORE**, for good and valuable consideration, receipt of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto **MacDermid Enthone Inc.**, having an office and place of business at 245 Freight Street, Waterbury, Connecticut 06702, its successors and assigns, the entire right, title and interest in and to the said invention and all of the foregoing applications, and in and to any divisions, continuations or continuations-in-part, of said application, and in and to any and all patents and reissues and extensions thereof, of The United States of America and countries foreign thereto (including the right to apply for patents in foreign countries

in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted on any of the foregoing to be held and enjoyed as fully and exclusively as they would have been by us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors and administrators to execute and deliver without further consideration any further applications, assignments and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said **MacDermid Enthone Inc.**, its successors, assigns, and nominees, fully to secure its interest as aforesaid and to obtain or maintain patents in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all patents which may be granted upon any of the said applications, to the said **MacDermid Enthone Inc.**

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

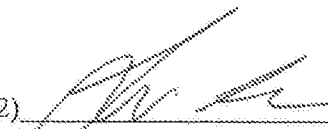
  
THOMAS RICHARDSON

9/19/17  
Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) SHAOPENG SUN  
Print Name:

Date: 09/19/2017

(2)   
Print Name:

Date: 9/19/2017


  
KYLE WHITTEN

9/19/17  
Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) SHAOPENG SUN  
Print Name:

Date: 09/19/2017

(2)   
Print Name:

Date: 9/19/2017

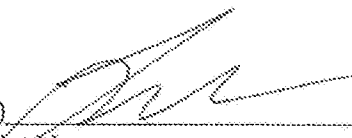
  
VINCENT PANECCASIO, JR.

9/19/17  
Date

SIGNED IN THE PRESENCE OF WITNESSES:

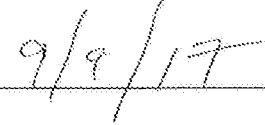
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\_\_\_\_\_  
JOHN COMMANDER

  
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Date

SIGNED IN THE PRESENCE OF WITNESSES:

(1) SHAOPENG SUN  
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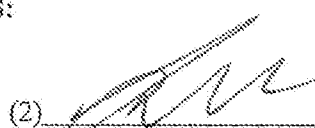
  
\_\_\_\_\_  
RICHARD HURTUBISE

9-19-2017  
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Date

SIGNED IN THE PRESENCE OF WITNESSES:

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Print Name:

Date: 09/19/2017

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Date: 9/19/2017