

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4482855

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PETER TREFONAS	04/30/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ROHM AND HAAS ELECTRONIC MATERIALS LLC	
<b>Street Address:</b>	455 FOREST STREET	
<b>City:</b>	MARLBOROUGH	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	01752	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15328330
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(989)636-3237	
<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>	9792381087	
<b>Email:</b>	jlboyd@dow.com	
<b>Correspondent Name:</b>	JENNA BOYD	
<b>Address Line 1:</b>	P.O. BOX 1967	
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48641	
<b>ATTORNEY DOCKET NUMBER:</b>	75512-US-PCT[2]	
<b>NAME OF SUBMITTER:</b>	JENNA L. BOYD	
<b>SIGNATURE:</b>	/Jenna L. Boyd/	
<b>DATE SIGNED:</b>	06/28/2017	
<b>Total Attachments: 2</b>		
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source=75512-WO-PCT Inventors to RHEM#page2.tif		

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

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FORM 660

**ASSIGNEE ACCEPTANCE**

WE, the ASSIGNEE: **ROHM AND HAAS ELECTRONIC MATERIALS LLC**  
**455 Forest Street**  
**Marlborough, Massachusetts 01752**  
**United States of America**

hereby accept the ASSIGNMENT which is dated: April 30, 2015; effective as of August 21, 2014.

From, the ASSIGNOR: Peter Trefonas, 455 Forest Street, Marlborough, Massachusetts 01752,  
 United States of America, Citizen of United States of America

of the invention entitled:

**BENZOCYCLOBUTENES DERIVED COMPOSITIONS, AND ELECTRONIC DEVICES**  
**CONTAINING THE SAME**

without any restrictions and with all rights and obligations deriving therefrom and declare that this  
 confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 22 day of June, 20 15

CORP.  
 SEAL

**ROHM AND HAAS ELECTRONIC MATERIALS LLC**

By: 

**DARRYL P. FRICKEY**  
 Assistant Secretary

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
 STATE OF MICHIGAN ) SS  
 County/Parish of Midland )

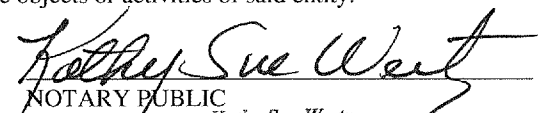
On this 22 day of June, 20 15, personally appeared  
 before me, **DARRYL P. FRICKEY, Assistant Secretary**,  
 known or identified to me to be the individual described in and who executed the foregoing document  
 and acknowledged the same as a free act and deed for uses and purposes therein expressed by  
 authority of the said entity organized and existing under the laws of **the State of Delaware, United**  
**States of America.**

I further certify that said authority, dated **December 6, 2005**, is based on

**a Board Resolution**

which I have seen, appointing the said individual Assistant Secretary with full power to sign the  
 foregoing document on behalf of the said entity and that the purposes for which said document is  
 granted are within the scope of the objects or activities of said entity.

SEAL  


  
 NOTARY PUBLIC  
 Kathy Sue Wertz  
 NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN  
 MY COMMISSION EXPIRES APRIL 07, 2018

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R-Date.

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FORM 110 (R 5/97)

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **BENZOCYCLOBUTENES DERIVED COMPOSITIONS, AND ELECTRONIC DEVICES CONTAINING THE SAME**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

**Rohm and Haas Electronic Materials LLC**  
455 Forest Street  
Marlborough, Massachusetts 01752  
United States of America

an entity organized and existing under the laws of the State of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
PCT/CN2014/084915	August 21, 2014	PCT (International)

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Marlborough, MA  
this 30 day of April, 20 15  
Effective as of August 21, 2014

Signature: Peter Trefonas  
Full Name: Peter Trefonas  
Residence: 455 Forest Street  
Marlborough, Massachusetts 01752  
UNITED STATES OF AMERICA  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Rohm and Haas Electronic Materials LLC  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_

Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_

Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_

Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached

PATENT

RECORDED: 06/28/2017

REEL: 042853 FRAME: 0532