

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7143519

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IRVINDER KAUR	03/02/2020
COLIN LIU	03/02/2020
XISEN HOU	03/02/2020
MINGQI LI	03/02/2020
CHENG-BAI XU	02/28/2020
KEVIN ROWELL	05/31/2019
<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:	16871228
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)355-4243
<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>	3029994278
<b>Email:</b>	PTO-Legal.PRC@dupont.com
<b>Correspondent Name:</b>	DUPONT DE NEMOURS, INC.
<b>Address Line 1:</b>	974 CENTRE ROAD
<b>Address Line 4:</b>	WILMINGTON, DELAWARE 19805
<b>ATTORNEY DOCKET NUMBER:</b>	DI83084-US-NP
<b>NAME OF SUBMITTER:</b>	LISA PETERSON
<b>SIGNATURE:</b>	/Lisa Peterson/
<b>DATE SIGNED:</b>	01/27/2022
<b>Total Attachments: 2</b>	

source=20220127\_DI83084USNP\_Assignment#page1.tif  
source=20220127\_DI83084USNP\_Assignment#page2.tif

This document is to be filed with the United States Patent and Trademark Office (USPTO) in connection with the filing of a patent application with the USPTO.

This document is to be filed with the USPTO in connection with the filing of a patent application with the USPTO.

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: **PHOTORESIST PATTERN TRIMMING COMPOSITIONS AND PATTERN FORMATION METHODS**

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

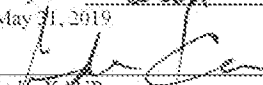
an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted 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:

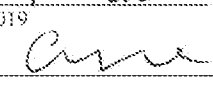
Priority Number	Filing Date	Filing Country
62/555909	May 31, 2019	United States

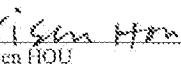
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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 recording 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.

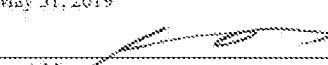
Subscribed and Declared by me/us:

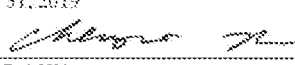
At: <u>Marlborough, MA</u>
this <u>2nd</u> day of <u>March</u> , 20 <u>20</u>
Effective as of May 31, 2019
Signature: 
Full Name: <u>Irvin L. LUR</u>
Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>

At: <u>Marlborough, MA</u>
this <u>2</u> day of <u>March</u> , 20 <u>20</u>
Effective as of May 31, 2019
Signature: 
Full Name: <u>Colin LIU</u>
Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>

At: <u>Marlborough, MA</u>
this <u>2nd</u> day of <u>March</u> , 20 <u>20</u>
Effective as of May 31, 2019
Signature: 
Full Name: <u>Xisen HOU</u>
Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>

At: <u>Salem, MA</u>
this _____ day of _____, 20 _____
Effective as of May 31, 2019
Signature: _____
Full Name: <u>Kevin ROWELL</u>
Mailing Address: <u>28 Grove Street</u> <u>Salem, MA 01970 USA</u>

At: <u>Marlborough, MA</u>
this <u>2nd</u> day of <u>March</u> , 20 <u>20</u>
Effective as of May 31, 2019
Signature: 
Full Name: <u>Mingqi LI</u>
Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>

At: <u>Marlborough, MA</u>
this <u>28</u> day of <u>Feb</u> , 20 <u>20</u>
Effective as of May 31, 2019
Signature: 
Full Name: <u>Cheng-Bai KU</u>
Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verify 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: **PHOTORESIST PATTERN TRIMMING COMPOSITIONS AND PATTERN FORMATION METHODS**

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
<b>62/855909</b>	<b>May 31, 2019</b>	<b>United States</b>

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.

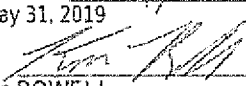
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power 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: <u>Marlborough, MA</u> this _____ day of _____, 20 <u>19</u> Effective as of May 31, 2019  Signature: _____ Full Name: <u>Irvinder KAUR</u> Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>
---

At: <u>Marlborough, MA</u> this _____ day of _____, 20 <u>19</u> Effective as of May 31, 2019  Signature: _____ Full Name: <u>Cofin LIU</u> Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>
---

At: <u>Marlborough, MA</u> this _____ day of _____, 20 <u>19</u> Effective as of May 31, 2019  Signature: _____ Full Name: <u>Xisen HOU</u> Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>
---

At: <u>Salem, MA</u> this <u>31</u> day of <u>May</u> , 20 <u>19</u> Effective as of May 31, 2019  Signature:  Full Name: <u>Kevin ROWELL</u> Mailing Address: <u>28 Grove Street</u> <u>Salem, MA 01970 USA</u>
---

At: <u>Marlborough, MA</u> this _____ day of _____, 20 <u>19</u> Effective as of May 31, 2019  Signature: _____ Full Name: <u>Mingqi LI</u> Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>
---

At: <u>Marlborough, MA</u> this _____ day of _____, 20 <u>19</u> Effective as of May 31, 2019  Signature: _____ Full Name: <u>Cheng-Bai XU</u> Mailing Address: <u>455 Forest Street</u> <u>Marlborough, MA 01752 USA</u>
--