505303925 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5350705

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CONG LIU	04/25/2017
DORIS H. KANG	04/25/2017
DEYAN WANG	04/25/2017
CHENG BAI XU	04/27/2017
MINGQI LI	04/26/2017
IRVINDER KAUR	04/25/2017

RECEIVING PARTY DATA

Name:	ROHM AND HAAS ELECTRONIC MATERIALS LLC	
Street Address:	455 FOREST STREET	
City:	MARLBOROUGH	
State/Country:	MASSACHUSETTS	
Postal Code:	01752	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15730875

CORRESPONDENCE DATA

Fax Number: (302)355-4243

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.

Phone: 3029994278

Email: pto-legal.prc@dupont.com

E. I. DU PONT DE NEMOURS AND COMPANY **Correspondent Name:**

974 CENTRE ROAD Address Line 1:

Address Line 2: CHESTNUT RUN PLAZA 721/2340 Address Line 4: **WILMINGTON, DELAWARE 19805**

ATTORNEY DOCKET NUMBER:	DI80040-US-NP	
NAME OF SUBMITTER:	AHNALESE RUSHMANN	
SIGNATURE:	/Ahnalese Rushmann/	
DATE SIGNED:	01/30/2019	

PATENT REEL: 048189 FRAME: 0699 505303925

Total Attachments: 1

source=20190130_DI80040USNP_ExecutedAssignment#page1.tif

PATENT REEL: 048189 FRAME: 0700 FORM 110 (8.5897)

Has Assignment 110 to in the ENGLISH tanguage and has the same moaning in other languages with the same He number and Dilus

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 TOPCOAT COMPOSITIONS AND METHODS OF PROCESSING PHOTORESIST COMPOSITIONS

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 Mariborough, 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
62/415.468	October 31, 2016	United States of America

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. Ewe 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 encombered by any grant, license, or other right heretofore given,

Subscribed and Declared by me/us:

RECORDED: 01/30/2019

At: Marlborough, MA,	At: Marlborough, MA
this 25 day of 1777 . 20 17	this 25 day of April .20 17
Effective as of October 31, 2016	Effective as of October 31, 2016
Signature: CV	Signature: Kus Kang
Full Name: Cong Liu	Full Name: Doris H. Kang
Mailing Address: 455 Forest Street	Mailing Address: 455 Forest Street
Marlborough, Massachusetts 01752	Marlborough, Massachusetts 01752
United States of America	United States of America
At: Marlborough, MA	At: Marlborough, MA
this <u>2.5</u> day of <u>Apr. 1</u> . 20 17	this <u>27</u> day of <u>Azorof</u> . 20 <u>17</u>
Effective as of October 31, 2016	Effective as of October 31, 2016
Signature:	Signature: Thomas In
Full Name: Deyan Wang	Full Name: Cheng Bai Xu
Mailing Address: 455 Forest Street	Mailing Address: 455 Forest Street
Marlborough, Massachusetts 01752	Marlborough, Massachusetts 01752
United States of America	United States of America
At: Marlborough, MA	At: Marlborough, MA
this Ze day of Apr. \ .20 17	this <u>25</u> day of <u>APRIL</u> 20 17
Effective as of October 31, 2016	Effective as of October \$1, 2016
Signature:	Signature:
Full Name: Mingqi Li	Full Name: Irvinder Kaur
Mailing Address: 455 Forest Street	Mailing Address: 455 Forest Street
Marlborough, Massachusetts 01752	Marlborough, Massachusens 01752
United States of America	United States of America

PATENT REEL: 048189 FRAME: 0701